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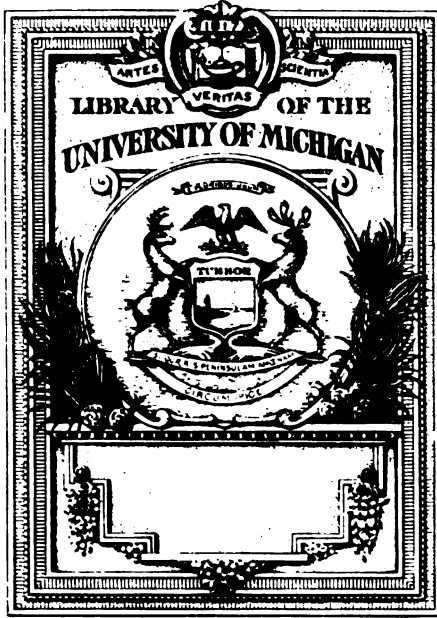
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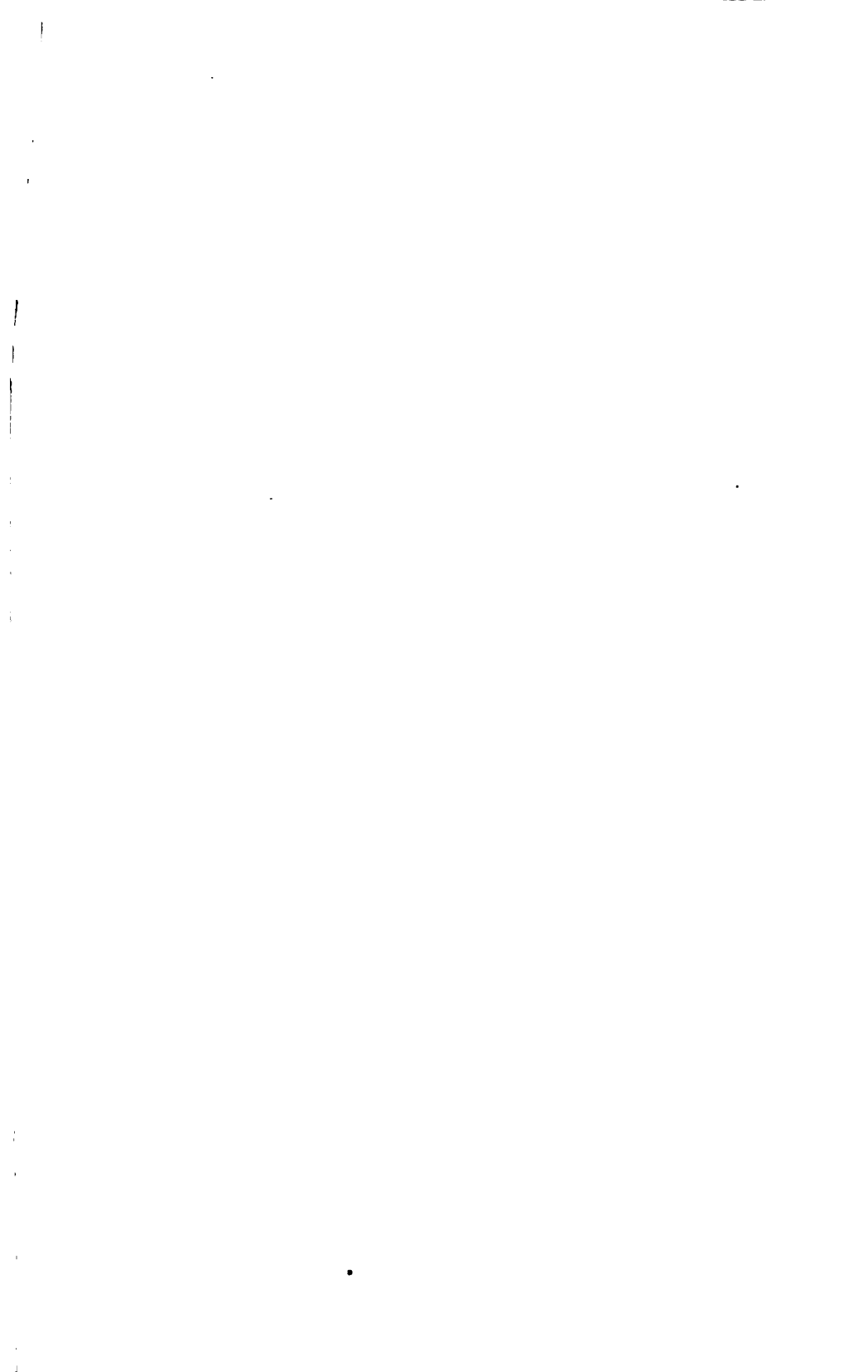


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DOCUMENTS

OF THE

ASSEMBLY.

OF THE

STATE OF NEW YORK.

ONE HUNDRED AND THIRTY-THIRD SESSION.

1910.

VOL. XIII.—No. 29—PART 1.



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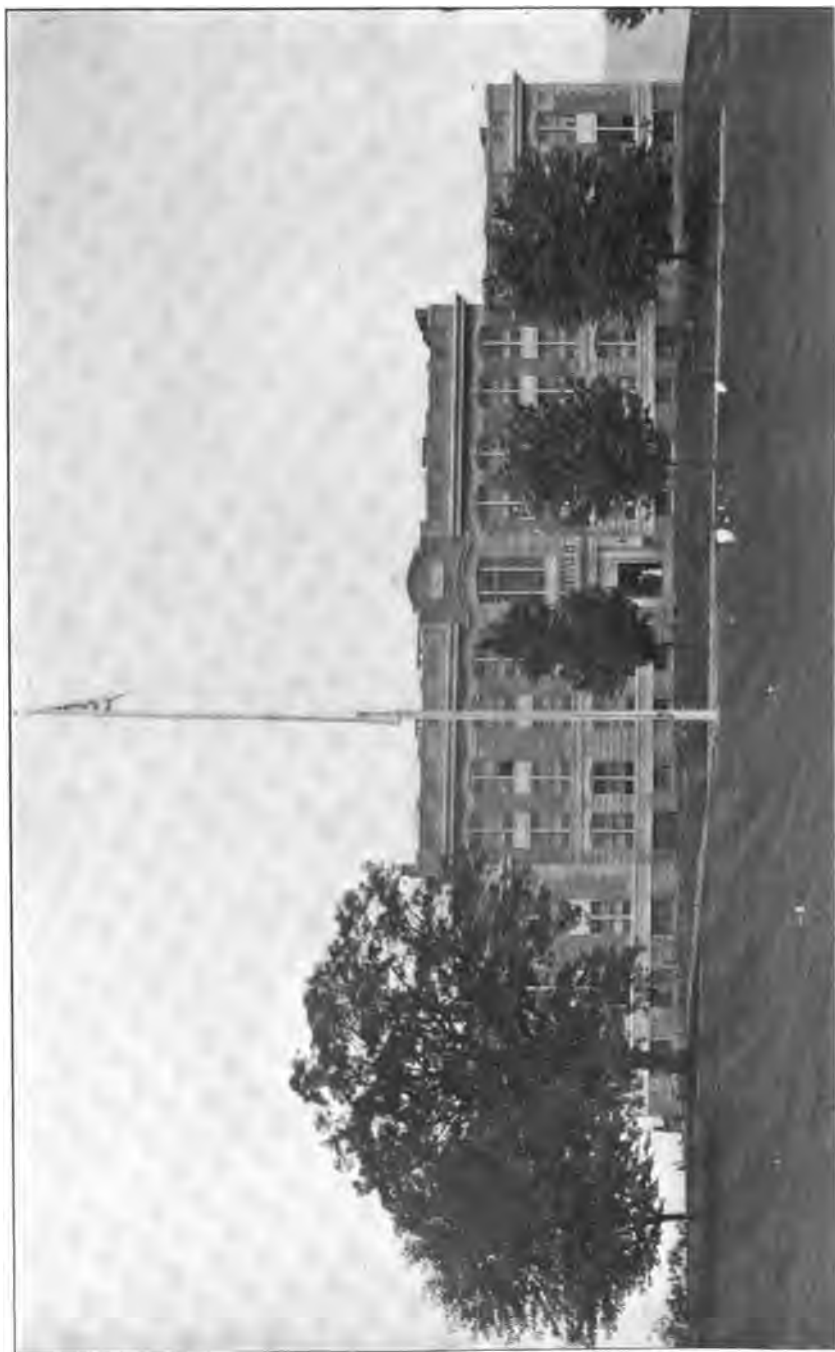
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STATE OF NEW YORK

SIXTH ANNUAL REPORT

OF THE

EDUCATION DEPARTMENT

For the school year ending July 31, 1909

TRANSMITTED TO THE LEGISLATURE JANUARY 24, 1910

ALBANY
NEW YORK STATE EDUCATION DEPARTMENT
1910

STATE OF NEW YORK
EDUCATION DEPARTMENT

Regents of the University

With years when terms expire

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1917	ST CLAIR MCKELWAY M.A. LL.D.	<i>Vice Chancellor</i>	Brooklyn
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1914	PLINY T. SEXTON LL.B. LL.D.	- - - - -	Palmyra
1912	T. GUILFORD SMITH M.A. C.E. LL.D.	- - - - -	Buffalo
1918	WILLIAM NOTTINGHAM M.A. Ph.D. LL.D.	- - - - -	Syracuse
1910	CHESTER S. LORD M.A. LL.D.	- - - - -	New York
1915	ALBERT VANDER VEER M.D. M.A. Ph.D. LL.D.	- - - - -	Albany
1911	EDWARD LAUTERBACH M.A. LL.D.	- - - - -	New York
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1916	LUCIAN L. SHEDDEN LL.B. LL.D.	- - - - -	Plattsburg
1921	FRANCIS M. CARPENTER - - - - -	- - - - -	Mount Kisco

Commissioner of Education

ANDREW S. DRAPER LL.B. LL.D.

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STATE OF NEW YORK

No. 29

IN ASSEMBLY

JANUARY 24, 1910

SIXTH ANNUAL REPORT

OF THE

EDUCATION DEPARTMENT

STATE OF NEW YORK
EDUCATION DEPARTMENT

Albany, January 24, 1910

Honorable James W. Wadsworth, jr

Speaker of the Assembly, Assembly Chamber, Albany, N. Y.

SIR: Pursuant to law, the annual report of the Education Department is herewith submitted to the Legislature.

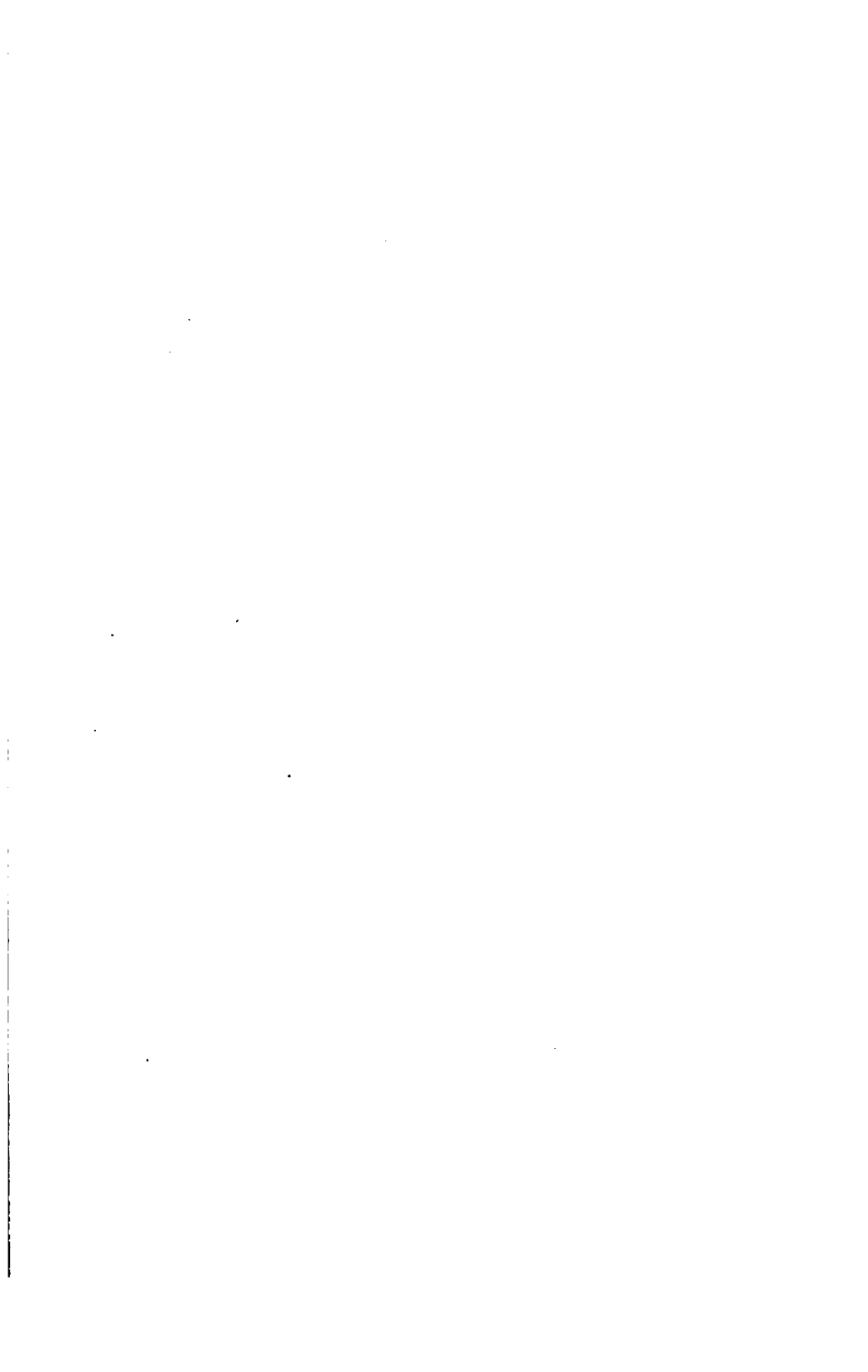
Very respectfully yours

WHITE LAW REID

Chancellor of the University

ANDREW S. DRAPER

Commissioner of Education



New York State Education Department

SIXTH ANNUAL REPORT

State of New York
Education Department
COMMISSIONER'S ROOM

Albany, January 24, 1910

To the Legislature:

I herewith submit the annual report of the Education Department, as required by section 335 of the Education Law. This report covers the year ending July 31, 1909. It is the sixth annual report of the Education Department, and includes the one hundred and twenty-third annual report of the Regents of the University of the State of New York.

The separate titles are as follows:

- I Elementary Education
- II Secondary Education
- III Higher Education
- IV Vocational Schools
- V The State Library
- VI Educational Extension
- VII The State Museum and State Science Work
- VIII The Journal of the Board of Regents
- IX The Judicial Decisions of the Commissioner of Education
- X List of Department Publications
- XI New York Colleges and Universities the State System of Education (Commissioner's special theme)
- XII Summaries and Conclusions

Title I

ELEMENTARY EDUCATION

Elementary education, always the matter in which the people of the State have the liveliest concern and which demands for its maintenance the largest public expenditures, has never attracted more attention, been administered more faithfully or shown better results than in the past school year. Notably has its efficiency manifested itself in the opening of new fields for its agencies and the fostering of activities, which once ignored or unnecessary, have now become vital to its further development. The elementary schools have, upon the whole, given evidence of their usefulness, progress and conformity to enlightened pedagogical standards. Among the marked developments of the year may be noted the more thorough execution of the Compulsory Education Law, the increased facilities for playgrounds and gymnasiums, for vacation and evening schools, for better and more practical teaching, and, above all, the establishment of vocational departments as a coordinate part of our public school system.

In the ensuing text and tables the principal features of the year's work are set forth, with such recommendations for improvement therein as experience suggests.

ELEMENTARY SYLLABUS

The revised Elementary Syllabus which goes into effect September 1, 1910, is submitted with this report. In the preparation of this syllabus the most illuminating information obtainable has been

sought. A committee from the elementary teachers and the superintendents of the State representing various phases of elementary education were invited by the Education Department to a conference upon the revision of the syllabus. These men responded cheerfully and have rendered valuable assistance to the Department and a service of importance to the schools of the State. All teachers and others interested in the schools have been encouraged to express their views upon the proposed changes; many leading teachers have been consulted; and the opinions expressed by various local and State educational organizations have been carefully considered. The information obtained from all of these sources has been an important factor in determining the content of this syllabus.

A syllabus covering the first six grades is submitted. As much of the present elementary course as has seemed feasible has been placed in the first six years. That which has been regarded as non-essential in the present course has been eliminated. The work as outlined for these six years has been of course adjusted to the ages and mental capacity of the children attending such grades. It has not been possible nor was it expected that all of the present work of the seventh and eighth grades could be put in the six years course. It was distinctly stated in the annual report of last year that the proposed six year elementary course would not complete the elementary school work, but that the six year course would include the work which would be general in character and adapted to all children until that period of their development where they manifest different interests, mental powers and tastes which is usually at the age of 12. It was also stated that certain elementary work in arithmetic, history, English and other subjects would be continued in the seventh and eighth grades.

The intermediate course covering such grades to round out the elementary course has been prepared. It is in this two years course that the elementary work will begin to differentiate. The regular course will lead to the present high school course. It includes arithmetic, history, English, physiology, and modern languages and other subjects which have previously been considered in academic work. Bringing certain work from the academic course which is elementary in its nature down in the seventh and eighth grades in place of the nonessentials which have been eliminated and of that which has been placed in the six years below will reduce the pressure and strain under which pupils have labored in the present high school course.

This two years course also includes work specially adapted to prepare pupils for commercial and industrial courses in high schools and in trades schools.

It has not been claimed that the school years of a child are to be shortened under this course. Indeed the school life of the child is to be lengthened and each year made more profitable. The changes authorized in the syllabus will not afford a short cut to academic or collegiate instruction. It is claimed, however, that these changes in the fundamental direction of elementary instruction will save much of the time which pupils now waste. Essentials only are to be taught; these more thoroughly and intensively and presented in that related order of the course where a child is able to get a more comprehensive grasp of the subjects.

The execution of this plan will not involve friction or embarrassment of any kind in the present organization of our elementary school system. It does not involve any question of school buildings. It simply means that the superintendents and teachers shall substitute the new syllabus for the old and with the equipment which they now possess adjust their instruction to the new lines. If the progress of the work calls for additional preparation, service or equipment, those in charge of these schools will meet the obligation and responsibility as they have met others in the past.

It is stated here as it has been previously stated that no district or city is to be coerced in adopting this syllabus. It is submitted on its merits and in the firm belief that those schools operating under it will prepare their boys and girls for more efficient and profitable service.

NORMAL SCHOOLS

The new building for the State Normal School at New Paltz was completed during the year. The expense of construction and its equipment was \$195,586.85. The site in the business part of the village upon which the old building stood was exchanged for a site of 11 acres located in the upper part of the village and having a commanding view of the surrounding country for miles. This institution is now splendidly equipped to render valuable service to the State in the preparation of teachers.

The State has purchased a new site comprising about 27 acres on the shore of Lake Ontario for the State Normal School at Oswego. This site is the old homestead of Dr E. A. Sheldon who was principal of this school for many years and who rendered a distinct service in the educational work of the state and the nation. The Legislature

of 1909 authorized the preparation of plans and the awarding of contracts for a new building on this site at a cost of \$300,000. The construction of this building and certain repairs to the buildings at Buffalo and Potsdam will place all of the normal school buildings in very good modern condition.

During the year there has been a change in the principalship of three of the State normal schools. Dr John C. Bliss, who had been a successful high school principal and who had also served in important positions in the Education Department for several years succeeded Dr Myron T. Scudder at New Paltz. Dr Jeremiah M. Thompson, who has achieved success as a high school principal, a village superintendent and an institute instructor, succeeded Dr Thomas B. Stowell at Potsdam. Dr Stowell had tendered his resignation during the previous year and in severing his connection with this institution terminated a period of 40 years service in the normal schools of this State. Principal Daniel Upton of the Buffalo Technical High School succeeded Dr James M. Cassety at Buffalo. Dr Cassety has spent his life in the teaching service of the State, having been a member of the faculty of the Fredonia and Cortland normal schools and principal of the Buffalo school for 20 years.

The normal schools are charged with the special duty of training teachers for the elementary schools. The character of the courses of study in the elementary schools is undergoing a revolution. The elementary schools are forced to assume lines of instruction which place additional responsibilities upon the normal schools. The elementary work of the seventh and eighth grades is to be so radically changed under the new syllabus that special provision must be made for training teachers for these grades so that more men will enter this field of teaching. The foundation of industrial education is in the elementary grades. General courses for the professional training of elementary teachers must therefore include the study of methods and purposes involved in industrial education. The present elementary course should therefore be modified by including sufficient work in domestic science and domestic art to bring all grade teachers into sympathy with the general purpose of industrial education. Teachers for the industrial and commercial courses are not readily found. There will be a gradual increase in the number of schools maintaining these courses in the populous centers of the State and the demand for teachers of such courses will increase from year to year. Agricultural courses will be established in the schools located in the best farming sections of the State and already

the complaint is made that competent teachers for these courses can not be obtained. There is also an increase in the demand for special teachers of vocal music and drawing in the grades. There are 300 school districts maintaining libraries of more than 500 volumes each, and 300 districts having libraries of more than 1000 volumes each. These libraries should be under the supervision and care of a trained librarian. Sufficient agencies are not organized to train an adequate supply of librarians. The maintenance and the proper use of a library is a vital part of the equipment of a school. The State should therefore provide for the training of librarians for this purpose. The normal schools should do this work. Many of our best rural schools pay salaries equal to the salaries paid in the cities and villages of the State and a special course might be provided to prepare these teachers. A substantial uplift could be given such schools if teachers could be trained for them in the State normal schools.

The 10 normal schools must assume the responsibility of preparing teachers for any of the courses maintained in the elementary schools of the State. It is of vital importance to the educational interests of the State that the normal schools shall enter upon this additional work at the beginning of the ensuing school year. If these institutions assume this work with the interest and outlook which its importance demand, they will enter upon a period of service to the State which has not been equaled since their organization.

At present these schools are maintaining but two courses. These courses are the kindergarten and the regular elementary course for teachers in the grades. To meet the demands of the general trend of public education it will be necessary not only to modify the present courses in the normal schools as suggested above, but it will also be necessary to maintain in the normal schools the following professional courses: (1) kindergarten, (2) elementary, (3) trade and industrial school, (4) agricultural, (5) drawing, (6) vocal music, (7) library, (8) rural school.

It is not intended that all of these courses shall be maintained in each of the normal schools. Each of these is so organized and located as to possess special advantages for doing the work of some of these courses. To undertake to maintain all of such courses in each normal school would require an unnecessary duplication of equipment and faculty. These special courses will be planned during the year and the normal schools will be designated to maintain such of these courses as appear adaptable to their location and equipment.

There are certain features of the normal school work which need careful consideration. Reference is made thereto in this report so that those particularly interested in these schools may give the matter careful reflection before final determination is reached. Since these schools are to train elementary teachers only the necessity and the wisdom of maintaining academic departments in the practice departments of normal schools is open to serious question. All work below the high school department in the State Normal College has been discontinued since that institution is exclusively engaged in the training of teachers for the secondary schools. Upon what just ground can the State defend an expenditure of its funds for the maintenance of academic departments in these schools? None of the normal students are now required to do practice teaching in academic subjects. All the practice teaching of normal students is in the elementary grades. It should therefore be carefully determined whether the interests of the normal schools would not be promoted by the discontinuance of high school work in the practice schools.

Graduates of the State normal schools receive a diploma which the law declares to be a license to teach in the public schools of the State. The holders of these diplomas are the only teachers exempt from examination. If final examinations were made a requirement for graduation from these institutions it would undoubtedly result in more thorough teaching. There are objections to the introducing of these examinations, but there are also many advantages. The question is one worthy of consideration and is submitted for the purpose of bringing it to the attention of those most directly interested in the normal schools.

TRAINING SCHOOLS

Section 551 of the Education Law, formerly chapter 1031 of the laws of 1895, provides that the professional course in a training school shall be at least 38 weeks or one school year. For several years all the training schools in the State except one have maintained a course of two years. This is as it should be and the law should be amended so as to require a two years course. The number of students completing the training school course and licensed to teach in the elementary schools of cities was 815. This is an increase of 193 over the previous year. The large majority of these graduates are now teaching in the elementary schools of cities.

TRAINING CLASSES

The training classes of the State should be made a more efficient agency for preparing rural school teachers. To effect this result it is necessary to accomplish two things. First, students of better scholarship must be obtained for membership in these classes; and second the best schools of the State must be induced to organize such classes. Important changes were made during the past year in the Department regulations and the law which will render material assistance in reaching these ends and in improving training class work generally.

The qualifications prescribed for admission to training classes are too low. Candidates may now enter these classes on an elementary teachers certificate. This is a very low standard. The requirement in English for this certificate is first year English. A person possessing only this meager knowledge of English and who receives only 20 weeks instruction in that subject after entering the class may receive a license to teach practically for life in the rural schools. It is necessary in order to maintain a proper teaching standard to increase these requirements and it would appear only reasonable to prescribe as a minimum qualification for eligibility to these classes, the completion of two years' high school work or its equivalent. Special consideration should be given teachers of successful experience.

High school graduates should be encouraged to enter the teaching service. If they are unable to enter a normal school they should pursue the course given in the training classes. High school graduates holding Regents academic diplomas are now admitted irrespective of the subjects which such diplomas include. To be admitted on such credentials under previous rules these diplomas were required to include advanced United States history or American history and civics, history of Great Britain and Ireland, physics, biology including physiology, advanced arithmetic and advanced drawing. Most high school graduates have not completed all of these subjects in their high school courses. This requirement therefore practically barred high school graduates from entering these classes. The number of students enrolled in the training classes in September 1908 was 1321, and of this number only 147 were high school graduates. Many of these were conditioned in some of the subjects specified as necessary to be included in the academic diploma.

The failure of the State to pay adequate compensation to a school for maintaining a training class resulted in many of the strongest

schools of the State discontinuing such classes. These schools did not desire to maintain such classes because of the financial benefit which they might receive but they were unwilling to maintain them at a considerable loss. The action of the Legislature in increasing the amount to be apportioned to schools for this purpose has induced many schools which have not previously maintained such classes to apply to this Department to be designated to organize them. It should be clearly understood that only the best schools of the State, located so as to serve the interests of the greatest number of candidates and equipped so as to give the most satisfactory instruction will receive the appointment to organize training classes. It should also be understood that the applications of schools which have maintained satisfactory classes for many years at a financial loss will be given first consideration. Schools which have a small number of pupils, small and weak faculties, inadequate equipment, and which desire to maintain these classes for financial profit will not be authorized to assume this work.

The most important change in the law affecting training classes which has been made in many years was the amendment thereto by the Legislature of 1909 modifying the method of apportioning State funds to the schools maintaining these classes. The Consolidated School Law provided that each school district designated to conduct a training class should receive \$1 per week for each student under instruction in such class. This provision of the law, however, was obsolete as the Legislature had provided for many years a different basis of apportionment in the annual appropriation bills. Under such basis of apportionment each school was paid a quota of \$500 for conducting a class. The school also received a teacher's quota of \$100 for the training class teacher employed. The amount which a district received for maintaining a training class was therefore \$600, but under a Department regulation each school is required to pay its training class teacher a salary of \$500 at least. A large majority of the schools paid their training class teachers \$600 and several schools paid a higher salary. There are always other items of expenditure incident to the maintenance of a training class. Each district was therefore conducting a training class at a financial loss. Cities which have maintained training schools have always been paid from the State funds on the basis of \$1 per week for each student under instruction, and as the number of students in attendance upon these schools has increased the aggregate amount paid to cities for this purpose has also increased. The number of training classes maintained in the State has annually decreased for several years and

the aggregate amount paid for the maintenance of such classes has therefore decreased. The amount apportioned by this Department for these two purposes since 1904 has been as follows:

	TRAINING CLASSES	TRAINING SCHOOLS
1904.....	\$57 965 50	\$39 920 ..
1905.....	56 493 ..	45 337 ..
1906.....	53 180 50	53 592 ..
1907.....	45 475 ..	68 311 ..
1908.....	41 125 ..	71 252 ..
1909.....	38 500 ..	75 491 75

This was not an equitable apportionment of State funds. The training schools prepare teachers for the elementary schools of their respective cities. Very few of the graduates of such schools ever teach in the rural schools. The schools which maintain training classes are not preparing teachers for their own schools. Training class graduates are even prohibited from teaching in schools maintaining academic departments, unless they are high school graduates and even then until they have had three years' experience in teaching in other districts. The districts maintaining training classes are preparing teachers for the rural schools and receive no direct benefit therefrom. The training classes supplied the rural schools for the year 1908-9 with nearly 1000 teachers while the training schools supplied their respective cities with a few more than 600 teachers.

The Legislature regarded these conditions as sufficient ground for amending the law regulating the apportionment of funds for the professional training of teachers by increasing the amount which a school should receive for conducting a training class. Under this provision of law each district maintaining such class will receive \$700 and the apportionment to such districts from the State funds must be made before an apportionment is made to cities for maintaining training schools. After such apportionment is made the balance of the amount appropriated by the Legislature for the support of training classes and training schools is apportioned to such cities ratably according to the aggregate number of days attendance of pupils regularly admitted to such schools. In order to avoid any considerable reduction in the aggregate amount which may be apportioned to cities in support of training schools the Legislature generously increased the appropriation for the professional training of teachers \$25,000. The cities will therefore undoubtedly continue to receive the aggregate amount, nearly, which is now apportioned them.

The law formerly provided that training classes should be in session at least 16 weeks, but the Commissioner of Education was given authority to formulate rules governing such classes. Under this authority a regulation was prescribed fixing the term of a training class at 36 weeks. The recent Legislature amended the Education Law by providing that the term of these classes shall be 36 weeks, thus making the statute conform to what the practice has been for several years. It is not possible to give the students of these classes adequate instruction in a shorter period of time. It is also important that the term of these classes be fixed by law and not be subject to modification under Department regulations.

The rule has been that the holders of training class certificates who entered the class upon high school graduation should be eligible to teach in the elementary grades of schools maintaining academic departments after they have had four years experience in teaching. This rule has been modified so as to require only three years' experience of such teachers. The statute defining the qualifications of teachers in the primary and grammar grades of cities provides that teachers of three years' experience shall be eligible to teach in such grades. It is obviously unjust to permit teachers of such qualifications to teach in the elementary schools of a city and prohibit them from teaching in such schools in a district maintaining an academic department.

Other minor modifications of training class regulations have been made which relate largely to the smooth administration of this work. The course of study has been modified so as to give a more equitable distribution throughout the year. Too much work has been required in training class examinations for the time given. Additional time may be allowed by distributing the work over five days without embarrassment and with benefit and justice to the students.

A syllabus has been prepared for the guidance of those who conduct training classes. This contains a detailed analysis of study in each of the subjects included in the training class curriculum and it should prove of great service in providing a definite standard of work.

85 classes were maintained during the year and 865 students satisfactorily completed the course and have entered the teaching service in the rural schools of the State.

TEACHERS INSTITUTES

The change in the personnel of the teaching force is great each year. A large number of inexperienced teachers are annually em-

ployed. Even though many of these teachers have had professional training, real experience begins with service in the schoolroom. To meet with other teachers and to receive the instruction and guidance of those who have had long and successful experience with the questions and problems which a brief service in actual teaching has developed is an invaluable aid to these teachers.

The institute is likewise of great service to the many supervising principals of union and high schools who take up their work with little or no experience and consequently with a limited knowledge of methods in the primary and grammar grades.

For the majority of teachers the institute is the only educational meeting of the year and the benefit to these teachers is not solely what they learn but what they feel and gain from association with instructors and coworkers.

The general sessions of the institutes deal with topics that tend to create a true professional spirit and a desire for greater proficiency in work. They are therefore centers from which emanate and radiate influences which result in better teaching, greater professional spirit and greater consecration to the work.

Being the only meeting of the year that brings together the entire teaching force of a commissioner district, the institutes serve as a great medium for acquainting the teachers with the purposes and policies of the commissioner and the laws, rules and regulations of the Education Department.

The large number of cities and villages employing a superintendent, and exempt by law from attendance upon institutes, which voluntarily close their schools in order that their teachers may regularly attend their sessions, or which call for special institutes of their own, furnishes one of the best proofs of the value of institute work.

The evidence to show that institutes have been beneficial and popular with all classes of teachers during the past year is abundant.

TEACHERS CERTIFICATES

The regulations governing the issuance of teachers certificates were revised soon after the reorganization of the Department in 1904 by the merging of the uniform examinations into the Regents examinations so far as such examinations related purely to subject-matter. It was expected that the operation of a system of examinations resulting from the consolidation of these two former systems would reveal minor difficulties of administration and deficiencies in educational and professional standards which could be discovered in

no other way. These regulations have given general satisfaction but our experience in working under them for five years has demonstrated that they might be modified so as to serve the interests of the schools of the State more completely and advantageously. The main objects to be attained in revising these regulations was to simplify them so that they could be readily interpreted by teachers and school officers; to establish a more equitable basis of determining the qualifications of teachers; and to provide an adequate supply of qualified teachers for the rural schools.

No teacher is now employed in the elementary schools of the cities of the State who has not been professionally trained or who has not had successful experience in teaching. Teachers employed in the elementary grades of the union free school districts which maintain academic departments are required to possess similar qualifications. The teachers in these schools are supplied through the city training schools, the State normal schools and the colleges and universities. High school graduation is a prerequisite for admission to the courses in any of these institutions. The elementary schools of the cities and of the populous districts of the State which maintain academic departments are therefore supplied as new appointments are made with teachers who possess a high standard of scholarship and adequate professional training or experience.

The State may justly require this standard of qualifications for teachers employed in these schools, but the justice or propriety under present conditions of insisting upon similar qualifications for the teachers employed in the rural schools is open to serious question. The cities and the union free school districts are financially able to pay the salaries which these trained teachers command and the teachers of such training and culture usually prefer to teach in the cities and villages instead of in the rural districts.

It has not been possible during the past few years to supply the rural schools of the State with duly licensed teachers. The training classes have been practically the only source from which teachers of professional training have been supplied the rural schools. Because of the inability of many of these schools to pay the salaries which trained teachers command and because of the great deficiency in the number of teachers required it is not feasible to provide in the regulations governing the issuance of teachers certificates that all teachers employed in the rural schools shall have had professional training.

Provision has always been made for the licensing of teachers who have shown certain standards of scholarship. The bill enacted into

law which now prescribes the minimum qualifications of teachers in the elementary schools of the cities of the State was once vetoed by a governor because it did not contain the provision which authorized the acceptance of successful experience for professional training. Teachers who are not able to attend a training class or a normal school, but who may acquire professional skill through experience and scholarship through study which will prepare them for efficient service in our rural schools, should be afforded the opportunity whereby they may obtain legal authority to teach. Such teachers should not by the enforcement of technical rules be arbitrarily driven from the teaching service. On the contrary, provision should be made whereby a young teacher who does successful work and who makes reasonable progress in study shall be encouraged to remain in the service. This has always been one of the fundamental principles governing the certification of teachers in this State. The important changes authorized by the present regulations are based upon this principle. These changes are as follows:

1 Candidates for an elementary certificate may have *four* instead of *three* trials to complete the work for such certificate. This affords boys and girls in the rural schools the privilege of entering examinations at the age of 16 and earning certificates by the time they become 18—the age fixed by law at which a person may be licensed to teach.

2 The previous requirement for a renewal of an elementary certificate was the completion of 18 Regents counts. This is the equivalent of the completion of one year of regular work in a high school. It is impossible for a person to do this amount of work and teach at the same time. Because of this rigid requirement few of these certificates have ever been renewed. The regulations now provide that an elementary certificate may be renewed one year for each eight Regents counts earned while the certificate is in force. This represents the completion of a year's work in two average academic subjects.

3 During the last three years this Department has issued to the graduates of our high schools nearly 8000 Regents academic diplomas, but during that period it has issued to these same high school graduates less than 350 academic certificates. In other words about 4 per cent of the graduates of our high schools who earn Regents diplomas have become teachers in the public schools. The reason so few high school graduates have entered the teaching service is due to the regulation which has required them to pass several additional subjects not generally included in high school

courses or required for other teachers certificates. The Regents academic diploma is issued to those only who complete a four years high school course and who earn in Regents examinations at least 72 counts, which must be distributed among the several groups of subjects so as to give a properly balanced course. A person of the required age who has passed the preliminary subjects and three academic subjects in Regents examinations and who may never have been in attendance upon a high school has been deemed properly qualified to receive a teachers certificate valid for two years in a school district not maintaining an academic department. To deny a person, who has devoted four years to the study of an approved academic course and who has passed Regents examinations in subjects amounting to 72 counts, at least equal recognition is an unwarranted discrimination against the person of better preparation and superior scholarship. The present rules therefore provide for the issuance of an academic certificate to those who complete a four years high school course and earn a Regents academic diploma. This certificate will be valid in school districts only which do not maintain an academic department. A school commissioner is given the discretion to determine in what particular district the holder of an academic certificate shall be allowed to teach. The holder of one of these certificates is encouraged to remain in the teaching profession by a regulation authorizing the renewal of such certificates. These certificates may be renewed one year for each 18 counts which their holders earn in examinations for life State certificates. The examinations for life State certificates are based upon a higher standard of scholarship than Regents examinations and embrace several professional subjects. This provision will undoubtedly induce many successful teachers who desire to continue in the teaching service to take up the advanced work for a life State certificate while they are fresh from their academic studies.

The regulations also provide for the issuance of a new certificate known as a rural school renewable certificate. This certificate is intended to be a permanent license for teachers, who are employed in the rural schools and who are not able to attend a training class or a normal school, but whose experience and scholarship enable them to render very efficient service in the rural schools. Upon the discontinuance of the first grade certificate there would be no way by which successful teachers who had held elementary and academic certificates could earn in examinations a permanent certificate except by obtaining a life State certificate. In most cases this would be impossible. This new certificate should therefore supply the rural

schools of every school commissioner district with many proficient teachers. All the subjects prescribed for the first grade certificate are required for the rural school renewable certificate except physics and bookkeeping. In the place of these two subjects nature study and agriculture and one subject from the history group of academic subjects have been substituted. The educational requirements are therefore the full equivalent of the requirements for the first grade certificate, although the rural school renewable certificate is not valid in a school district maintaining an academic department.

The regulations also provide that hereafter all certificates shall be issued so that they shall expire at the end of a school year. This will avoid the embarrassment that often occurs of a teacher being compelled to stop teaching in the middle of a term or in one continuing to teach after the expiration of her certificate without legal authority to do so. A trustee contracting with a teacher who is legally certified at the beginning of a school year will also understand that such teacher may legally teach the full school year.

SPECIAL TEACHERS AND SUPERVISORS

Nearly all cities and all villages employing a superintendent and many of the union free school districts employ teachers or supervisors along special lines of work. These lines of work are generally drawing, music and kindergarten. The State normal schools and some of the training schools maintain kindergarten courses. There is a supply of kindergarten teachers and supervisors sufficient to meet the demand for this class of special teachers. Special courses are not maintained in the normal schools for teachers or supervisors of drawing and of music. An increased number of teachers are employed in these lines from year to year. Some private institutions maintain satisfactory courses in these lines and those who have completed the drawing course in such institutions have been admitted to examinations for a special certificate issued under the regulations of the Education Department. Those who have completed a vocal music course in such institutions and an approved high school course are given a vocal music certificate. Teachers certificates which are classed as general certificates, such as the academic, first grade, training class, etc., contain no restrictions as to the subjects which their holders may teach and the holders of such certificates are therefore legally qualified to teach these special subjects, although they may never have received special instruction in such subjects. School authorities have generally employed such teachers as appeared to them qualified for this special work.

It is as important that the teachers of these special subjects shall be properly qualified as it is that teachers of general subjects or courses shall be so qualified. Since the necessity of the employment of such teachers is generally recognized, local school authorities should be protected in the employment of properly qualified teachers. Special qualifications should therefore be prescribed for these teachers and supervisors.

INADEQUATE SCHOOL ACCOMMODATIONS

Unless prompt action is taken by the local authorities of several cities to provide additional school accommodations a portion of the children of such cities must be placed in the near future upon half time. For several years thousands of the children in New York city have been denied their right to a full day's attendance upon school. It was believed that the causes of this situation were temporary and that the authorities of that city would provide within a reasonable time sufficient sittings to accord all its children a full day's attendance at school. The situation has improved but little in years. The official statement of the authorities of that city shows that there are still nearly 50,000 children upon half time. This open neglect of the education of children should not exist in any city in this country. Its existence in the richest city in the land is a stain upon the pride of a state which is recognized as a leader in public education.

In many of the other cities whose population is increasing the attendance upon school now exceeds the proper seating capacity of the school buildings and the result of course is an overcrowded condition in many schools. Local authorities in these cities should put into operation at once all necessary measures to provide adequate school accommodations for the present and the future needs of their cities. Children are not only entitled to attend school but under the Compulsory Education Law they *must* attend. It has long been held that a school day under the Compulsory Education Law means a session in the morning and one in the afternoon. Emergencies may arise from an unusual and unexpected attendance, presenting conditions which should be treated considerately, but negligence or failure to provide accommodations to meet demands which have long been known should not be tolerated.

COMPULSORY EDUCATION

The first Compulsory Education Law in this State was enacted in 1874. It was a cumbersome statute, fundamentally wrong in its construction and therefore its provisions were never enforced. It

was repealed in 1894 and in its place the present Compulsory Education Law was enacted. This law has been amended in many particulars several times. As enacted in 1894 it was not expressed in clear, simple English. The amendments have made it even more confusing and ambiguous. Its intelligent enforcement must always depend in a large measure upon a clear understanding of its provisions by the teachers, truant officers, trustees and other school officers of the several districts and cities of the State. The necessity of this law being expressed in the simplest form possible is therefore apparent. To illustrate: Section 5 of this act as it stood in title 16 of the old Consolidated School Law covered nearly two pages and consisted of a single sentence. This sentence was so long and its grammatical construction so complicated that its interpretation was difficult by even a student of English familiar with legal phraseology.

This law was rewritten during the past year for the purpose of simplifying it and bringing its meaning within the grasp of school officers who are officially charged with its enforcement. Conditions have so changed in the cities and populous centers of the State since the enactment of 1894 that many of its provisions were inadequate to effect the results sought by a law of this character. The Legislature of 1909 therefore amended the provisions of this law applying to cities and villages having a population of 5000 or more in several important particulars.

Previous to these amendments the law had applied to children between the ages of 8 and 16 years. These amendments make it apply to children between the ages of 7 and 16 who reside in cities and in villages having a population of 5000 or more. Children between the ages of 7 and 8 years and residing in populous centers with school facilities easily accessible might better be in school than roving about the street and questionable places. The period during which children were required to attend school under the old law was from the 1st of October to the 1st of June following. Under the amended law children who reside in cities and in villages of 5000 or more are required to attend school during the whole time the public schools are in session. If a child is in attendance upon a private school he must attend during the whole period such private school is in session. In other words, the child is required to enter school at the time the school which he is to attend opens instead of waiting until the 1st of October and then entering two or three weeks late.

No change has been made in the ages of children residing outside of cities and villages of 5000 or more to which the Compulsory Edu-

cation Law applies, nor in the period of time which these children must attend upon instruction. For such parts of the State the compulsory ages are still 8 to 16 and the time from October 1st to June 1st. In many cases throughout the country districts the distance which children are required to travel to attend school is too great to compel those under the age of 8 years to walk to and from school daily. The compulsory age therefore was not lowered for such sections of the State.

The law now provides that instruction in all schools, which children within the compulsory ages attend, shall be in the English language. It was necessary to incorporate this provision in the law as in many of the cities private schools have been maintained by the foreign element in which the English language has not been taught.

Since the Legislature of 1908 authorized the establishment of trades schools, attendance upon such school should be recognized as equivalent to attendance upon an evening school. A boy who is in attendance upon a trades school and who is within the compulsory ages is entitled to have such attendance stand to his credit on the same basis that attendance upon an evening school does. The law was therefore amended by giving such recognition to attendance upon these schools.

Under the law of 1894 a parent was required to cause his child to attend upon instruction the time specified in such law or be subject to the penalty provided therein. There was a provision in the law to the effect that a parent should be exempt from such penalty if he presented to the school authorities of his city or district his affidavit that he was unable to compel his child to attend upon instruction. The effect of this provision was to induce parents whose children were truants from instruction to make an affidavit that they could not compel such children to attend school. In other words the law itself pointed out to parents who violated such law with impunity a method of escape from the penalties therefor. This objectionable feature of the law has been eliminated and a parent or a person in parental relation to a child is personally charged with the responsibility of causing such child to attend upon instruction subject to the penalties provided by statute.

The Labor Law provided one penalty for the illegal employment of children and the Compulsory Education Law a different penalty. It is essential that the provisions of these two laws should be in harmony upon this point. The Compulsory Education Law was therefore amended by making the penalty prescribed in that law for

the illegal employment of children conform to the penalty provided for a like offense under the Labor Law.

A decision of the Court of Appeals rendered in September 1908 (People v. Taylor, 192 N. Y. 398), should give very substantial assistance to the proper enforcement of the Compulsory Education Law in the populous centers of the State. This decision interprets section 70 of the Labor Law which provides in substance that no child under the age of 14 shall be employed in a factory and that no child between 14 and 16 years of age "shall be employed, permitted or suffered to work" in a factory without an employment certificate. To protect the child's right to an education both the Labor Law and the Compulsory Education Law have contained provisions prohibiting manufacturing establishments from employing children within these age limitations. A representative of the State Labor Department prosecuted the superintendent of a factory for the employment of a girl under 16 years of age who had no employment certificate. The superintendent of the factory was convicted and the conviction was affirmed by the Appellate Division. The Court of Appeals reversed the conviction, but in so doing expressed a very clear interpretation of this statute. The evidence in the case showed that the superintendent did not contract with the employees of the factory and was in no way responsible for their employment. Neither did he have any financial interest as stockholder, part owner or otherwise in the factory. The employment of this girl appears to have been made by an employee subordinate to the superintendent and without the knowledge or consent and contrary to the expressed direction of the superintendent. The Court of Appeals therefore held that the superintendent had not violated this statute.

The court held that the Labor Law is a police regulation for the protection of the public health and a prohibitive statute, and the rule is that such statutes shall be strictly construed. Prosecutions for a violation of this statute should be instituted against the person or corporation owning the factory in which a child is employed in violation of such statute, or the officer or employee of the corporation who actually hires a child in violation of such statute.

STATE TRUANT SCHOOLS

The primary purpose of the Legislature and others interested in the enactment of the attendance law was, first, to secure to the truant child a common school education, which he was failing to get, and second, to turn him from a path that leads to a criminal life.

The law provides for his apprehension and commitment, but neglects to furnish the institution or home for his reception.

The State has thus far not only failed to provide a place for the truant, but also apparently fails to understand the kind of child the truant is. He belongs to a distinct class, differing widely from the average child. He is peculiar, if not subnormal. Almost without exception he is subnormal in size and weight for a child of his years. More often than otherwise he comes from a home of poverty, improvidence or destitution. Not only his parents, but his ancestors, near and remote as well, are of the destitute class. He is one of a large family with small income, and his number in our cities is vastly in excess of what we are inclined to think. The truant is usually a product of the city, seldom of the country. Life in the country does not produce truancy. The tenement life of the city does. The overcrowded, wretched tenement or foul basement home begets truancy. The truant is the victim of untoward circumstances, mismatched parents incompatible in temperament, separation, divorce, wife-abandonment, step-parents, divided parental authority, cruelty, drunkenness, want of proper and nutritious food, scant clothing — all these help to make him first a delinquent and then a truant. The city schools without playgrounds, and with teachers who lack sympathy for unfortunate children, have no attraction for this half starved, half clad being. Truancy affords him respite. The school-room and its equipment have no attraction for this kind of child. He does not fit into any of the machinery of the regulation school. He is an all around misfit. He is, in fact *subnormal*. What is the remedy? The law provides that a truant child may be committed to a truant school. Where are the schools? Rochester and New York have recently established in the country truant homes for the exclusive use of their respective cities and these two, each of limited capacity, are really the only truant homes in the State.

Our eleemosynary institutions are overcrowded with unfortunate children who are not truants. Private institutions can accommodate only a very small part of our truants and they are at the best poorly equipped. These institutions — and they are our only dependence — furnish but little relief and no remedy. The remedy lies in the establishment of State truant homes for the State at large. In the country, remote from the city with its distractions, amid pleasures and healthful surroundings, should be colonized these restless, nervous, underfed and generally wretched children. Schools should be provided that shall be real homes where such children, properly fed and clothed, shall be taught by teachers — yes, mothered and

fathered by those whose hearts are warm with love for children and whose sympathies are alive to the needs of these unfortunates. In these schools agriculture, manual training and industrial arts should have a large share in the daily occupation of the children. Employment in the trades and agriculture is what the truant boy needs quite as much or more than book knowledge. He cares but little for books and less for schools, but he is usually willing to work and as a rule he has aptitude for some line of useful employment. In State truant schools, properly organized and properly maintained, the natural bent of each boy could be discovered and directed and from such institutions would go out into the world boys who had received not only instruction in common English branches, but who had also acquired the habit of self-control and the ability to apply themselves to useful industry.

In this connection it is well to note how many truant children were arrested and committed in the cities of the State during the last school year and also in the State at large:

Total number arrested in cities	13 934	
“ “ towns	1 046	
		14 980
“ committed in cities	1 314	
“ “ towns	80	
		1 394
		1 394

The above table should not lead one to think that all the truant children in the State were arrested last year. Far from it. The number actually arrested represents a small part only of our large army of truants. More were not arrested because local authorities had no place in which to commit them. The actual number committed, 1394, represents but a small part of the number that should have been committed. More were not committed from the fact that there were no institutions to which they could be sent. Again if private institutions were able and willing to receive all our truants, experience leads us to believe that only a small part would be actually committed from the fact that under the present statute the cost of maintenance is a local charge, and when the average school board learns that the cost of committing and maintaining three truant children would be equal to the cost of employing an extra teacher, the three truants are not committed to an institution but, sad to say, are usually committed and condemned to the streets, to go from

bad to worse until they land behind prison bars — confirmed criminals.

That the State has thus far failed to provide truant homes for these unfortunate children must not be regarded as evidence of the State's parsimony. The State has always been generous when an enlightened public sentiment has been aroused in favor of the expenditure of necessary moneys for the education and protection of her children. There has been maintained for many years at large expense a reformatory for juvenile delinquents on Randall's Island, a penal institution for the reformation of boys committed thereto for crime. This institution represents an investment of \$2,600,649, and the State Industrial School at Rochester, maintained for the same purpose, represents an investment of \$638,951, making a total investment of \$3,239,600 on the part of the State for the purpose of reforming youngsters who have drifted into a criminal life. The number of boys at the Randall's Island Institution at this time is 663 and at Rochester 606. These juvenile reformatories are needed. The State is to be commended for establishing and maintaining them, but there would be less need of these institutions did the State establish and maintain State truant homes.

The personal history of the unfortunate boys at these institutions shows in almost every instance that the boy was first a *truant* and next a *criminal*; and it is an interesting fact, as well as a pathetic one, that the largest number of these boys were led to commit a crime by being driven to stealing to appease their hunger. These boys from the tenement and overcrowded sections of our cities usually steal things to eat, or else steal money with which to purchase the things to eat. Therefore, is it not self-evident that the State should take over to itself these truant boys and furnish them a proper home where they will be fed and clothed and saved from a criminal life?

The superintendent of the refuge on Randall's Island recently was asked: "Were these 663 boys first truants?" and he answered unhesitatingly, "Almost without exception." He was further asked: "Do you think that if the State had provided suitable truant homes for these boys during their period of truancy it would now be obliged to maintain them in a penal institution?" He answered: "Doubtless the majority of them would have been saved from taking the first step in crime."

The State is generous in her appropriations to maintain her prisons and reformatories, yet up to this time she has failed to estab-

lish State truant homes, apparently losing sight of the fact that *the truant of today is the criminal of tomorrow*. Condemn, as is the practice in every city, the truant child to the street and inevitably you augment our criminal ranks. The question previously asked in these reports is here repeated: If the State can justify herself in maintaining a prison for the criminal of *tomorrow*, what excuse can she offer for failing to maintain a reform school for the truant of *today*?

BETTER PLAYGROUND FACILITIES FOR SCHOOL CHILDREN

The time has come when the State should face squarely and attempt to solve the problem of proper playground and gymnasium facilities for school children. The State, through its Compulsory Education Law, has become the agent of the parent and thus assumed duties and obligations which can not be avoided. Grave responsibilities have been voluntarily undertaken and no matter how expensive, the parent has a right to demand that the physical and moral welfare of the child be guarded as well as his mental powers developed. Compulsory education laws take the child by force from the home during definite hours of the day and days of the week, leaving no choice in the matter to the parent, and compel the child to submit to dangers and conditions that should no longer be tolerated.

The State has insisted on mental discipline and training and expended large sums of money for this purpose every year. Much has been done for the health and comfort of the pupil by insisting on good school sanitation and proper school buildings; but much is still lacking in our school equipment and this defect is the matter of school playgrounds and gymnasiums. The mental discipline feature of education has been emphasized to the point where physicians are warning the educator that serious consequences to health are involved in the present method of instruction. Frequent examinations and close confinement in schoolrooms without proper outdoor exercise have already shown their influence upon the nervous condition of school children and the problem involved is serious.

The matter of accidents to school children is attracting much attention. In our cities and larger towns the school children are compelled to play in the streets — school grounds are not properly provided — and the newspapers are daily recording the serious accidents that occur. One writer has collected some very significant statistics and they should be considered by the State in connection with its compulsory education laws. In the month of June,

1908, newspapers reported 162 cases of children who were run over by trolley cars, 142 by wagons and carriages, 84 by automobiles, 50 by bicycles, 52 by trains, 79 by horses; and during the 100 days prior to the 28th day of May 1909, according to the report of the Board of Education, 422 children in New York city alone had been maimed by vehicles while playing in front of school buildings.

Society is fighting the white plague today and the school authorities must do their part. Physical training is necessary for the child if he is to escape this disease. Confinement in the warm school-room winter and summer, without proper exercise in gymnasium and on playground, enervates the pupil and renders him susceptible to all kinds of maladies. The State can do much to meet its obligation to the parents, from whom it has forcibly taken the children, by insisting that, in connection with every school building, provision be made for suitable land for playgrounds and gymnasiums for physical training. And prompt action is urgent because land will never be cheaper nor more accessible. The law should be amended so as to provide that no plans for new school buildings should be approved in the future which have not provision for adequate playgrounds and gymnasiums. Proper playgrounds, well-equipped gymnasiums, under the direction of competent men who understand children, would do more for the moral and physical welfare of the coming generation than any other combination of forces. The schools must protect the bodies as well as fill the brains of the children if they are to become strong and useful citizens.

VACATION SCHOOLS

Vacation schools for children were maintained in many of the cities of the State during the past year. The large attendance, which is wholly optional, testifies to their popularity, and their success demonstrates that they meet a real need. Many different classes of children profit by them.

In the cities, and in the larger villages as well, there are many children who must spend the long summer vacations at their homes where there is no suitable opportunity for play or recreation of any kind. It is better for such children to be in these schools than upon the streets. Some of them, and other children as well, fall behind in their classes, and a short period of study each day will save them the loss of a year or a half year in their school course. The vacation school, however, does not consider this work its only or even its chief function. Girls are taught cooking, sewing and other forms of

home work, while the boys are taught simple work in manual training. In some cases, school gardens are maintained to an excellent advantage.

Play is an important factor in the work of the vacation schools. Opportunities for play are much more favorable than in the homes of most of the children of the vacation schools. In fact some of the children would have no opportunity for play but for these schools and play is a very important factor in the education of a child.

Perhaps the most important educational problem of this country is that of making good American citizens of the great mass of children who are either foreign born, or the children of foreign born parents, who come to us from many lands, each race having its own ideal of social life and government. Ideal will clash with ideal, to the general disadvantage, until we have developed a homogeneous conception comprising the best that each race brings to us. The public school has always been a great factor in this work, but the vacation school offers opportunities that the regular school can not. The vacation school with its games, its friendly play, the various groups and their leaders, develops courage, self-reliance and a desire to excel and results in a common and patriotic interest among all the children.

The movement for the establishment of vacation schools is a very promising one and should receive the most earnest and sympathetic attention of the local school authorities of each city and village in the State.

SCHOOL LIBRARIES

Outside the cities, there are approximately 300 school libraries containing more than 1000 volumes each, and 300 containing from 500 to 1000 volumes each. There are thus about 600 school libraries in the State outside the cities having more than 500 books each. As the school libraries increase in size, the necessity of adopting and maintaining an orderly system of caring for them is more and more impressed on the teachers. The mere physical protection of the books will not suffice. To be of value, they must be read. Therefore, their classification and an effective charging system are important, as well as the selection, the arrangement, the protection and repair of the books included therein. It, therefore, follows that all persons in charge of large libraries, especially, should have instruction in and preparation for their duties, as some of them now have. The office of librarian should be more generally rated as useful and honorable and be given more substantial recognition in

our school system ; and this the Education Department is endeavoring to accomplish. Among the present agencies for giving instruction in this branch of educational work are regular library schools, summer library schools, normal schools, and some high schools, many of which are already doing their duty in this line, and it only remains for others to follow their leading.

For the purpose of indicating ways to avoid some of the difficulties with regard to these matters which still confront teachers and school boards, this Department has recently published a handbook on *Care of School Equipment*.

Considered from a financial point of view, the school libraries of the State represent an investment of approximately \$2,000,000, and common business prudence requires that they shall be carefully preserved and made to yield the highest return. Considered from an educational point of view, they are school adjuncts of such high importance that without a liberal use of them the standard of efficiency would be very perceptibly lowered.

It can not be expected that so large an equipment of school library books, scattered over the entire State, and administered in independent sections by thousands of teachers having no special training as librarians, would always be managed carefully or economically. Valuable books are sometimes subject to unnecessary exposure and injury, to loss in not recalling loans, or to neglect of their proper arrangement. It is freely acknowledged that, in the main, the teachers in this State are alert and intensely interested in the libraries under their charge and that they are doing all that could fairly be expected. The difficulty is not in intentional neglect, but rather in lack of professional knowledge and experience in the work indicated.

Much can be done and has been done by the regular supervisory officers, including principals, superintendents, school commissioners, and Department inspectors, to meet the increasing need of thorough and systematic care of library books, and much is being done by the Department by requiring reports of local conditions, advising by letter, and distributing printed suggestions. It is suggested, however, that the interests of the State may require the services of one or more visiting experts who, by individual advice and demonstration, shall supplement previous instruction in the most direct and helpful manner.

It seems apparent also that the Legislature should either definitely prescribe a minimum equipment of library books and apparatus, or authorize methods of securing the same for the elementary schools.

Pupils and teachers should not labor under the disadvantage of having no books for reading and reference, no globe or other apparatus to illustrate the subjects of study, and little or nothing with which to do the work outlined in the Elementary Syllabus because of the ignorance of a trustee or the indifference of a community.

The demand on the part of the general public for loans of books from school libraries, particularly where there are no free public circulating libraries, was never so strong as during the past year. As it now stands, the school law permits lending to pupils, teachers and school officers only, but there is no sufficient reason why the use of such books as are not needed by the schools for frequent reading or reference should not be freely granted to any persons of responsible age residing within the respective districts. Indeed, so long as the schools are not permitted to suffer disadvantage, it is highly desirable that, in the interest of general intelligence and morality, the use of the books by youths and adults outside of the schools shall be encouraged. The equipment could thus be made to yield a larger return, and taxpayers would justly be enabled more directly to enjoy and profit by the use of public property which they have helped pay for.

MEDICAL INSPECTION IN THE SCHOOLS

There is no general law which authorizes the medical examination of children in attendance upon the public schools. Nor is there any general law which authorizes a board of trustees to expend the funds of a district or city for the medical inspection of school children. The local school acts of certain cities or the provisions of the charters of some cities do authorize such inspection and the expenditure of city funds therefor. The right of school authorities to expend money for this purpose and the right of the people of a city or district to authorize a tax to raise funds for this purpose are questions which have been coming to this Department more and more during the past two or three years for determination. The ruling of the Education Department has been that, without some express declaration in a special statute relating to a city either authorizing the school authorities to use funds set apart for school purposes or empowering the people to vote funds to be raised by tax, boards of education have not the right to use such funds or to raise a tax to meet the expenses incurred for the physical or medical inspection of children. The ruling has also been that there is no provision of the Education Law which authorizes a school district or city to vote a tax for such purpose.

If the demand for medical inspection of children is to be met and made effective, there must be additional legislation. If the Legislature deems it wise to extend the powers of school authorities in this direction, there are certain fundamental principles which should be observed. A proper distinction must be preserved between the functions of the school authorities and the health authorities. The schools are under the management and supervision of properly constituted authorities. The responsibilities of such authorities should not be divided or shared with other authorities of a municipality. Whatever is done should be under the exclusive control and management of the school authorities. Regulations for the protection of the public health or to arrest or correct a disease in its incipiency should be formulated by the health authorities, but the enforcement of that regulation in the schools should be under the direction of the school authorities. In other words, the school authorities should stand in the same relation to the school that a parent does to the home, and the health authorities should not have the right to enter a school except for reasons which would legally entitle them to enter a home.

For three years the Education Department has cooperated with the State Commissioner of Health to bring about the inspection of the eyes, ears, noses and throats of the children in attendance upon the schools in cities and incorporated villages. The Commissioner of Health has forwarded to the school authorities of these cities and villages printed matter for distribution among the teachers, giving complete instruction in the method to be pursued in making this examination. These tests are harmless, painless, uncomplicated and made without the use of instruments. In order to make the plan efficient and to interest the largest number of teachers possible, institute conductors were instructed to explain to teachers in attendance upon teachers institutes the method of making such examinations. A representative of the Health Department interviewed each institute conductor and went over the whole general plan with him. It was understood with the State Commissioner of Health that the whole plan should be entered upon voluntarily and that teachers were not required to make these tests unless the local school authorities were willing to direct such action without the slightest feeling that they were being coerced. Institute conductors were directed to make it perfectly clear to teachers and trustees that the law does not require these tests to be made. They were also instructed to inform teachers that any parent who objects to having his children examined is within his legal rights and that his objection must be

respected. Teachers were also instructed to report to parents all cases where the examination reveals that the child is suffering from any of the ordinary diseases of these organs. It was also pointed out that, if at any time during the year, a child should be afflicted with a disease which appears to be contagious, the teacher should report such fact to the parent and to the health authorities. Further than above stated, school officers or teachers were directed to assume no responsibility whatever.

The plan has worked satisfactorily to the Education Department and to the Commissioner of Health and without friction between the local school authorities and the parents of children in attendance upon school. The pupils of 450 schools located in the incorporated villages of the State were examined last year, and a service vital to the physical and mental condition of the children of the State may be rendered by a continuation of this voluntary action of the school authorities.

CONTRACT SYSTEM

About 500 school districts in the State maintaining district organizations do not maintain home schools, but provide for the education of their children in other districts under the contract system. The provision of the Education Law authorizing such contracts was enacted in the interest of those districts not having sufficient property or children to maintain a home school and containing children required to attend school who live so far from the schoolhouse of another district as to be unable to walk to and from school. To dissolve a district of this kind might operate as a hardship upon some of the children and prevent them from receiving the rudiments of an education. A parent in many instances is unable to provide transportation, but as the public money of a district may be used to pay the actual expense of transportation, a district may contract and pay both the tuition and transportation from the money apportioned the district by the State. If there are no children in a district residing too far from the schoolhouse of an adjoining district to walk to and from school, and such district is unable financially or numerically to maintain a school, the course of procedure would be the dissolution of such district and the annexation of its territory to other districts.

It often occurs that school districts able to maintain a satisfactory school prefer to contract with another district or with a city because it costs less than to maintain a home school, or because of the better school facilities which the children receive through such arrangement. In many cases the plan is satisfactory but the soundness of

the whole scheme is open to some question. The question of conveyance of pupils is a source of great trouble in the contracting districts and to this Department. In many districts the feeling is so intense that the value of the school to the contracting district is almost wholly nullified. The transportation of children under the contract system was judicially determined by the Commissioner of Education in 1905 in decision no. 5219, and in view of the many misunderstandings over this question during the past year the fundamental holdings upon this question as laid down in that decision are given here. They are as follows:

The moral and legal obligation rests upon every parent to give his child the advantages of the school facilities afforded by our system of public education. He should do this even at great inconvenience and expense if necessary. He should not expect remuneration nor should it be given for such trouble as may reasonably be expected of a parent to enable his children to attend school.

To vote compensation to a parent from the public funds for taking his child to and from school was not intended under the contract law.

Payment to a parent for conveying his children to school comes dangerously near being an improper consideration to influence his vote in favor of the contract system when it might be more desirable to maintain a home school.

The intent of the law in providing transportation is that it should be regular and daily; that individual parents should not derive pecuniary advantage from it; and that nothing should be left to parental convenience or caprice.

The general rule should be that one person of proper character, furnishing suitable accommodations, should be regularly employed and the contract for transportation should be awarded, after opportunity for competition, to the most reliable party who will furnish the best transportation at the lowest cost to the district.

TIME SCHEDULES

In order to obtain definite information on the subject and furnish a fair basis for comparison the inspectors of the Department were instructed at the beginning of the school year to report the total number of minutes per week given to recitation in every subject of the course to each grade or section of a grade. A study of the schedules of 606 union schools and schools in the city systems thus reported, sustains the following conclusions:

1st Lack of unity of thought or purpose in the time schedules of a school. 2d Allotments in some subjects excessively high in certain grades and excessively low in preceding or succeeding grades.

3d Too much time to formal recitation and too little to study and to teaching pupils how to study. 4th Recitation periods too long, longer than the concentrated attention of pupils under ordinary conditions can be held. 5th Disregard of the fact that certain subjects should receive special stress at certain stages of the course. 6th Recitation periods in many schools in certain subjects from 50 per cent to 100 per cent longer than other schools similarly circumstanced. 7th Wide discrepancy in time schedules where two or more sections of a grade recite to different teachers. 8th 396 schedules out of a total of 606 — 65 per cent of all reported — make no allotment for reading in the eighth grade; 152, or 25 per cent, make no provision for reading either in the seventh or eighth grade. There are upwards of 25 schools that make no provision for reading in one or more of the preceding grades.

School officials apparently fail to realize that the time schedule or recitations in a school or system of schools largely determines some of the most vital points of its school economy. The relative value of different subjects in the course of instruction, the precedence and correlation of subjects, the stages in the mental development of the child, when certain subjects should receive maximum or minimum attention or no attention at all, the proportionate amount of time that should be devoted to study and the amount to recitation, whether there should be home study or not, and if so, where it should begin and how much there should be of it, how long the concentrated attention of pupils in recitation can be held economically at the successive periods of school life — all these are questions that should receive due and intelligent consideration in the formulation of the time schedule, and the results of such consideration should be clearly discernible in it throughout.

A summary of the schedules of these 606 schools has been prepared in the form of a general average table, which follows:

SUBJECTS	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total
Reading.....	230+	207+	172+	130+	118+	107+	74	34	1097+
Spelling.....	46+	70+	74+	71+	71+	69+	72	49+	534+
Writing.....	77+	72	70	66	63+	60+	45+	23	457+
Language, literature, grammar.....	65	83+	95+	111+	119+	129+	140+	150+	952+
Arithmetic.....	89	114+	130	138+	142+	149+	160+	180+	1117+
Geography.....	1+	5+	72+	113+	119+	130+	150+	50+	666+
American history.....	0	0	0	2+	49+	65+	74+	172	408+
Drawing and manual training.....	47	52+	56	57	58+	53+	56+	53+	440+
Industrial and trade training.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Physiology.....	19	23+	28	34	37	39	41	47+	278+
Nature study and agriculture.....	10+	25	11+	10	8	6+	5	3+	408+
Total average.....	617+	698+	743+	761+	819+	843+	895+	836+	.....

Exhibit 3

SUBJECTS	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade
Reading.....	200 175	200 125	150 100	125 150	100 150	
Spelling.....	150 75	100 60	100 50	50 150	75 75	75 75
Writing.....	100 75	150 40	150 40	125 75	50 75	45 30
Language, literature, grammar.....	100 100	150 60	150 60	150 150	150 150	150 125
Arithmetic.....	150 100	175 100	150 100	125 175	135 150	150 125
Geography.....			100 40	100 150	100 150	125 125
American history.....			125	125		
Drawing and manual training.....	150 90	90 90	125 80	125 80	90 90	90 90

Exhibit 4

SUBJECTS	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade
Reading.....	150	300	275	295	250	150	.....	.....
Spelling.....		150	50	120	150	60	150	.....
Writing.....	100	75	75	80	60	30	.....	.....
Language, literature, grammar.....	100	15	100	125	225	150	150	200
Arithmetic.....	50	250	100	200	225	150	150	200
Geography.....			100	120	180	160	200	.....
American history.....					80	30	120	215
Drawing and manual training.....	75	50	75	75	75	75	75	90
Music.....	75	50	50	75	75	75	75	60
Physiology.....	75	30	50	30	20	30	30	30
Nature study and agriculture.....	100	30	.....	45	.....	30	.....	.....

COMMEMORATIVE EVENTS

Notable commemorative events during the year observed under the direction of the Department were the Lincoln centenary, the tercentenary of the discovery of Lake Champlain, and the celebration of the discovery of the Hudson river 300 years ago and its initial navigation by steam in 1807.

The Lincoln centenary was widely observed by the schools, in conformity with the brochure published in the last annual report, and valuable lessons in patriotism were imparted by the review of the life and service of the savior of the republic.

The brochures issued in connection with the splendid celebration by the State of the two great events in its history are elaborate in design and data. They present the biographies of Champlain, Hudson and Fulton with considerable detail, and indicate the historic significance of their achievements. They also contain descriptions, maps, plates of scenery, portraits and facsimiles of the handwriting

of distinguished men related to the development of the territory which discovery opened to civilization; with programs of the public ceremonies, suggestions for local observances, composition, debate, constructive work, tableaux; and full bibliographies. The Department takes a pardonable pride in these issues, both for their artistic excellence and their instructive character. They were widely distributed among the schools and were uniformly received with favor. Their educative influence—the interest they have inspired among the pupils of the State, its coming citizens, in the glories of its history—can not be estimated too highly.

ARBOR DAY

The Arbor Day manual was especially attractive and instructive, as it has been for several years past; and the day was observed throughout the State by suitable exercises. Zeal in the planting of trees and the beautifying of school grounds is increasing. There were 117,043 live trees in and about these grounds in 1909, as compared with 112,384 in 1908: but there is still less of continuous care of these throughout the year than there should be and school authorities need to be further impressed with their duty in this regard.

ANNUAL SCHOOL MEETINGS

The annual meetings of school districts are now held on the first Tuesday in August. The people would exhibit a keener interest in these meetings if they were held in the spring when the schools are in session and they would more generally attend such meetings than to give their approval of a good school or to express their disapproval of a poor school than they would two months after such school had closed.

Appropriations for repairs are usually voted at the annual meeting and it generally takes the trustee from one to three weeks to obtain material and make the necessary preparation to begin such repairs. It is then time for school to open. In such cases the opening of school must be delayed or the work of the school interrupted by such repairs being made while the school is in session. If the annual meeting was held earlier in the year and repairs or improvements to the school property should then be authorized, trustees would have ample time to make all necessary arrangements to begin the work on such repairs or improvements as soon as school closed. This work could be performed during the summer vacation and the school be ready for occupancy at the usual time for the opening of school in September.

Teachers of rural schools desire to know early in the year where they are to teach the following school year. Many of them are unwilling to wait to enter into contracts until the annual meetings have been held. The practice of a sole trustee employing a teacher for the ensuing year before the expiration of his term is becoming more and more general. The law confers upon a trustee this power. The object of this provision of law was to enable a district to continue the service from year to year of a satisfactory teacher. It often operates directly contrary to what was intended. In many cases a trustee for personal reasons retains a teacher for the ensuing year when the best interests of the district demand a change. Many school controversies arise over this question which destroy the efficiency of a school for the whole year. These unfortunate disagreements could be avoided and adequate provision made for the reengagement of satisfactory teachers if the annual meetings were held in the spring. It is therefore recommended that the date of the annual meeting be changed from the first Tuesday in August to the second Tuesday in May.

If the Legislature should act favorably upon this recommendation, no change should be made in the dates defining a school year and the term of a trustee should be coincident with the school year, but the trustee elect should be given the power to hire teachers for the ensuing school year any time after his election. A trustee should also be prohibited from employing a teacher for a period beyond his term of office.

REVISION OF EDUCATION LAW

The Consolidated School Law, the University Law and several independent statutes relating to the public school system were included in the work of the Board of Statutory Consolidation into one chapter under the title Education Law. This chapter is 16 of the consolidated laws. This proves to be a wise arrangement of the statutes relating to public education and this arrangement serves a great convenience to school officers throughout the State.

The statutes now embraced in the Education Law have not been revised in many years. Many provisions in the law as it now stands have been obsolete for a long period. There has been no legislation since the unification act of 1904 to bring all the statutes bearing upon the public school system into harmonious relation with that act. The Board of Statutory Consolidation was not authorized to change the substance of any of the general statutes and did not therefore repeal or modify these conflicting provisions of law. The work of that

board, however, did place the Education Law in good form for a thorough revision. This Department has rewritten this law during the year so as to improve the order of its arrangement, clarify its form, eliminate obsolete matter, make it more clearly to support the constructions which judicial decisions have placed upon it, and change its provisions concerning the relations of the Board of Regents and the Commissioner of Education so that they will conform to what has come to be the actual practice. No material changes in the substance of the law have been made. The enactment of this proposed revision into law would simplify school administration and aid all school district officers in the proper performance of their duties.

EVENING SCHOOLS

27 cities in the State, an increase of four over the previous year, maintained evening schools. The period of time devoted to a session in these schools was generally two hours. The number of evenings on which such schools were in session ranged from 40 to 273. In New York city there were sessions on 210 evenings and in Utica on 273 evenings. Evening schools serve such an important function in the school system of the State that the period of their sessions should cover very nearly the same period which the day schools cover. The number of persons in attendance upon such schools was 132,233 and of this number 108,571 were above the age of 16 and their attendance was therefore wholly voluntary. In four of these cities not a person under the age of 16 was in attendance. Evening schools should be maintained in all our large cities, not only for those under 16 who have not completed the elementary course, but for the instruction of adult foreigners in the English language and in American history. Special grants of State funds should be authorized by the Legislature to those cities maintaining such schools. Such expenditure would be a wise investment on the part of the State. The expense of the maintenance of these schools was \$830,775.86 and of this amount \$784,300.02 was raised by local taxation.

SCHOOLS FOR THE DEAF

The State is paying for the education of deaf children in 10 private institutions. During the year, the city of New York has opened a day school for the deaf in connection with the public schools. There are also several private schools in which fees are charged.

Methods of instructing the deaf are varied and, while the subject is being constantly discussed, no decision as to the best method has yet been reached. The three methods employed in the schools of the State are, the oral, the manual spelling and the combined. Each has its advocates and its critics but there is a general agreement that oral instruction should be given to all pupils who are capable of receiving it. The time ought soon to come for an authoritative determination as to which method is preferable and which shall be encouraged and supported by the State.

With 10 schools for the deaf in the State, it ought to be possible to classify pupils according to their degrees of deafness and to segregate the mentally defective from normal children. Such a classification would greatly improve the work of these schools.

A standard of attainment ought to be established for schools for the deaf. Several schools have adopted the elementary course of the Department as a standard of graduation and that, or some modification of it to be agreed upon, should be accepted by all.

The question of extending the attendance law to include deaf children is being discussed. Manifestly, something should be done to get more of these afflicted children into the schools.

SCHOOLS FOR THE BLIND

The developments of the year show an inclination on the part of the larger municipalities to provide for the instruction of the blind in the public schools. This seems to be entirely feasible, as the instruction of the blind presents no features that require specially prepared teachers and much of the work may be done successfully by the blind in classes with seeing children.

The two schools for the blind that receive State pupils are doing good work along conventional lines. Just what school work is best for these children is a matter that deserves careful consideration. The improved methods of producing books have greatly widened the outlook for the blind and made instruction an easier task.

Physical training receives considerable attention in the Batavia school with excellent results. The New York school has been handicapped in caring for the health of pupils by a poor location and building. The new buildings which are being planned, away from the noise and dirt of the city and with ample grounds, will give the school a new impulse and enable it to do much that has hitherto been impossible in providing for the physical welfare of pupils.

INDIAN SCHOOLS

There are 982 children of school age on the several Indian reservations. The number registered during the year in Department schools is 870 and the number reported as attending other schools 242. Making allowances for inaccuracies in the records and for the duplication of names, there are in round numbers more than 1000 Indian children in the State whose education is being provided at public cost and directed by the Education Department.

The State meets the responsibility by maintaining a system of elementary day schools similar to those provided for white children. These schools are scattered over the sparsely inhabited reservations and for the most part are in charge of white teachers. They are doing fairly good work under adverse conditions. They are well equipped and supplied with material essential to effective work. The teaching is well up to the standard of the rural school and is under proper supervision. Each reservation has a principal teacher who looks after all the schools. Progress has been made during the year towards a more effective organization of the work and a better adaptation of the instruction to the condition and needs of the children. The industrial idea is more prominent than ever before and more work is being done in this line than in the average white school of corresponding grade.

There are limitations upon the work, however, that hamper progress and should be removed. The salaries paid are so small that it is difficult to secure and retain the right kind of teachers. In many cases suitable boarding places are not available and the social deprivation is so great that teachers look elsewhere for employment. The small number of children in a school makes it practically impossible to provide the kind and variety of training most desirable. Long distances from school, bad roads, lack of suitable clothing, health conditions, home influences and Indian customs are great obstacles to making the existing schools in the highest degree efficient.

A change of policy seems desirable. Instead of many small schools a few central schools would be preferable. These might be day schools to which the children might be transported, or boarding schools, either for the entire time or for the school week. Such a plan would remove most of the existing difficulties. The teachers could live near the schools, the children would be prompt and regular, industrial training could be made more effective.

Educating the children on the reservations seems preferable to sending them away to school and then having them return. The children who are sent away for an education should remain among white people. The right policy seems to be to fit the children for their home environment and encourage the building up of home industries.

The establishment of the industrial department in the Onondaga school seems to be a step in the right direction. It opens the way for the children of the reservation to learn how to use tools and machinery and thus prepare themselves for profitable employment outside of the reservation.

The ultimate end in view in the education of Indians should be preparation for the responsibilities and duties of citizenship. The educational policy should include attention to the homes and to the instruction of adults, as far as possible, in home duties. The school influence should be extended to include the general health, morals and material prosperity of the community.

PRISON SCHOOLS

The work of the prison schools is no longer an experiment. Its practicability and value have been demonstrated. As a factor in all prison administration having in view the improvement of the convict and his preparation to return to society a more efficient and better man, the school, properly organized and conducted, must hold high rank.

These schools, organized four years ago, were possibly the first of the kind ever established in any country. Schools for boys in reformatories have long been common, but schools for adults in prisons are a new development in social effort.

The prison schools of New York have followed no precedents in their administration and methods. They are not periodical schools nor night schools. They are in session every day, except Sundays and holidays, and those who are registered as students attend every day, for at least one hour.

Reading is regarded as the chief reliance in the work. Men are taught to read and directed in their reading. Reading starts in the classroom and continues outside. It is supervised by the head teachers; the men are questioned upon what they read and often write down the substance of it.

Because of a lack of room, only about one third of the men are in the schools. The most illiterate and needy are admitted. It is a great hindrance to the rounding out of the work that

men have to be dropped too soon, to make room for others. This removes men from the schools at a point where they are getting the greatest good from the work.

The value of the work in prison schools depends upon its character and this in turn depends upon the men in charge. Such work poorly and mechanically done is worse than useless. It calls for the highest qualities of head and heart, and only men of the right stamp can do it effectively. The State should, therefore, be most liberal in its appropriations of money for the salaries of the head teachers and for the employment of needed help. Parsimony here is waste and threatens the continued efficiency of the work.

THE GEORGE JUNIOR REPUBLIC SCHOOL

This institution maintains a public school. Its territory forms a separate school district. A superintendent and nine teachers are employed. This school is under the same regulations that govern the public schools of the State. It is subject to the supervision of this Department and reports annually to it. Its teachers are also licensed under the regulations of this Department.

It is a unique and interesting effort to fit boys and girls for real life by training them to self-reliance. Necessity is made the incentive to effort. A citizen must work if he would have food, clothing and shelter. The degree of comfort he enjoys and his position in society depend on his own exertions.

The citizens make and enforce the laws under which they live, get the benefits of good laws and suffer the loss and inconveniences of bad ones.

Industrial training and a practical education in citizenship are the fundamental features of the life of the Republic. The citizens learn to do by doing and by experiencing the natural effects of their actions. They create wealth, get the most possible for their labor, buy and sell. They live in such style as their means will allow. Idleness leads to poverty and industry and thrift to prosperity, as in real life. Opportunity is given for learning to handle tools, to run machinery and to get the fundamentals of trades. Manufacturing is carried on to a certain extent.

There is a court, a police force, and a jail and plenty of work for them all. There is a well managed literary school and citi-

zens are paid for their time while in attendance. Pupils are prepared for college or for business.

The citizenship of the Republic is made up of minors, most of whom have been passed upon by outside society as incorrigible, delinquent or criminally inclined.

A visitor is impressed with the mental alertness of the young men and women. Those who have been in the Republic for some years have an air of responsibility, of self-reliance, of ability to do things, of independence in thinking and expressing opinions. They seem free to question things, though possibly, they are not very studious in school. They seem to acquire a respect for law and enforce and accept penalties without a murmur.

The whole spirit of the George Junior Republic is in contrast with that of the prisons. Here, freedom of action is encouraged; in the prison system, repression is the weapon employed. In the one case, reform is sought through self-activity and initiative; in the other, through the use of the club. The plan in operation here has a most commendable aim—the correction of delinquents before they are far advanced in evil courses.

VISUAL INSTRUCTION

Visual instruction is not restricted to the use of certain means provided by the Education Department, such as lantern slides and photographs. All instruction by which the external world is presented to the mind through the sense of sight in such a way that correct concepts are formed may be called visual. In a somewhat narrower sense visual instruction is a term used to describe teaching through graphic representations and pictorial reproductions. Such teaching is by no means new. In theory its importance has been recognized since the rise of the school of realists in the 17th century, though in practice school exercises too often deal with words merely rather than with the primary material on which real thinking depends. The proper use of pictures is far from "soft pedagogy." The first requirements for sound thinking are accurate precepts and clear concepts. These conditions can not be secured by the use of verbal language alone when objective realities are involved.

It was in recognition of the value of visual instruction that the State of New York began in 1886 in a rather large way to prepare lantern slides for use in schools engaged in training persons for teaching. In 1895 aid in the use of such material

was extended to cities and villages employing a superintendent. Since that time approximately 200,000 State slides have been deposited in these school systems for the use of teachers in classroom work and for the benefit of mechanics, artisans and others living in the communities thus favored. In addition to this a large number of slides has been lent each year for short periods to village schools, study clubs, libraries and other organizations. The slides illustrate a wide range of topics of general interest in geography, travel, history, science, literature and art. The State has, properly, provided for the use of all of these institutions and organizations what no one of them could for obvious reasons, unaided, provide for itself. Much benefit has, undoubtedly, been derived from the use of this material.

The time has come when the use of this means of objective teaching should be extended, enlarged and further systematized. The larger privileges heretofore enjoyed exclusively by schools employing a superintendent can well be extended to the schools and academies not under a superintendent. A large proportion of these schools, located in the smaller communities of the State, are maintaining essentially the same course of study as the cities and can derive proportional benefit from the use of this means of instruction. A larger and longer loan of slides and photographs should be given these schools on the same liberal terms of payment of transportation charges and guaranty of proper protection of the property of the State under which schools employing a superintendent have had done.

While the usefulness of these aids has been fully demonstrated yet the fact remains that the full benefit of them has not yet been realized in many cases. The use of illustrative material has not been regarded with sufficient seriousness. It has been employed too exclusively for lectures of popular character given by principals and superintendents. Teachers should understand that the State provides this means of instruction for classroom use in developing the topics of the course of study adopted for the school.

A selection of material from the State collection should be made by each school with special reference to the particular ends to be accomplished. When local school authorities have selected from the entire collection illustrative material for any particular subject and grade, it should be understood that all teachers of that subject and grade are to make use of it the same

as they would of any other apparatus or material thus provided. Tests of results should be made as in the use of any other means employed. The capacity of pupils to develop ability to visualize or form correct mental concepts should be studied and measured, and the character of instruction determined accordingly.

As conditions upon which any city or school district shall continue to receive such aids from the State it must be shown that the local school authorities are providing adequate facilities for the general use of the property by teachers in instructing classes, that a plan is in operation for making it readily available for the use of teachers, and that it is properly protected against loss or damage.

Comparative school statistics for elementary schools

FINANCIAL

	Year	Com'r dists.	Cities	State
Expended for teachers' salaries.....	1909	\$5 608 882 81	\$22 769 580 46	\$28 578 462 77
	1908	5 570 046 75	21 438 991 46	27 059 038 21
		Inc. \$238 835 56	Inc. \$1 280 589 ..	Inc. \$1 519 424 56
Average annual salary of teachers.....	1909	\$384 26	\$1 033 34	\$769 23
	1908	370 87	1 017 81	748 89
		Inc. \$13 39	Inc. \$15 53	Inc. \$20 34
Average weekly salary of teachers.....	1909	\$11 30	\$26 77	\$31 73
	1908	10 97	26 10	21 16
		Inc. \$ 23	Inc. \$ 67	Inc. \$ 57
Expended for buildings, sites, furniture, repairs etc.....	1909	\$744 314 12	\$9 580 426 64	\$10 324 750 76
	1908	742 707 19	12 377 130 95	13 119 838 14
		Inc. \$1 606 93	Dec. \$2 796 694 31	Dec. \$2 795 087 38
Expended for school apparatus.....	1909	\$53 674 08	\$10 290 07	\$63 964 15
	1908	118 161 16	10 483 82	128 644 98
		Dec. \$64 487 08	Dec. \$193 75	Dec. \$64 680 83
Expended for school libraries.....	1909	\$132 053 89	\$98 208 84	\$230 262 73
	1908	97 823 24	72 300 03	169 823 37
		Inc. \$34 530 55	Inc. \$25 908 81	Inc. \$60 439 36
All other incidental expenses.....	1909	\$2 069 370 70	\$5 879 911 82	\$7 949 282 52
	1908	1 926 501 97	6 060 923 13	7 987 425 10
		Inc. \$142 868 73	Dec. \$181 011 31	Dec. \$38 142 58
Total expenditures.....	1909	\$8 808 295 10	\$38 338 427 83	\$47 146 722 93
	1908	8 454 940 41	40 009 829 39	48 464 769 80
		Inc. \$353 354 69	Dec. \$1 671 401 55	Dec. \$1 318 046 87
Average annual cost per pupil based on average daily attendance.....	1909	\$29 64	\$52 36	\$45 80
	1908	29 18	56 60	48 63
		Inc. \$ 46	Dec. \$4 24	Dec. \$2 83
Average annual cost per pupil based on registration.....	1909	\$22 47	\$42 95	\$36 70
	1908	21 61	45 34	38 05
		Inc. \$ 86	Dec. \$2 39	Dec. \$1 35

REGISTRATION AND ATTENDANCE

Number of children between 5 and 18 years of age attending school (omitting duplicates).....	1909	390 947	892 377	1 283 324
	1908	390 241	882 254	1 272 495
		Inc. 706	Inc. 10 123	Inc. 10 829
Number of children over 18 years of age attending school (omitting duplicates)	1909	1 069	316	1 405
	1908	992	267	1 259
		Inc. 97	Inc. 49	Inc. 146
Average daily attendance of children between 5 and 18 years of age.....	1909	296 651	731 874	1 023 525
	1908	289 205	706 711	995 916
		Inc. 7 446	Inc. 25 163	Inc. 22 609

Comparative school statistics for elementary schools (continued)

REGISTRATION AND ATTENDANCE (concluded)

	Year	Com'r dista.	Cities	State
Average daily attendance of pupils over 18 years of age.....	1909	508	269	777
	1908	532	228	760
		Dec. 24	Inc. 41	Inc. 17
Average number of days each pupil attended.....	1909	134	156	149
	1908	133	157	149
		Inc. 1	Dec. 1	.....
SCHOOL DISTRICTS AND BUILDINGS				
Number of school districts.....	1909	10 592	1 153	11 745
	1908	10 595	1 147	11 742
		Dec. 3	Inc. 6	Inc. 3
Number of schoolhouses.....	1909	10 836	1 153	11 989
	1908	10 879	1 147	12 026
		Dec. 43	Inc. 6	Dec. 37
Number of log schoolhouses.....	1909	10	.....	10
	1908	11	.....	11
		Dec. 1	.....	Dec. 1
Number of frame schoolhouses.....	1909	9 553	211	9 764
	1908	9 594	219	9 813
		Dec. 41	Dec. 8	Dec. 49
Number of brick schoolhouses.....	1909	992	936	1 928
	1908	987	922	1 909
		Inc. 5	Inc. 14	Inc. 19
Number of stone schoolhouses.....	1909	281	6	287
	1908	287	6	293
		Dec. 6	.....	Dec. 6
Value of schoolhouses and sites.....	1909	\$21 090 815	\$132 502 273	\$153 593 088
	1908	19 395 601	125 074 309	144 469 910
		Inc. \$1 695 214	Inc. \$7 427 964	Inc. \$9 123 178
Volumes in library.....	1909	1 258 213	931 720	2 189 933
	1908	1 072 435	902 000	1 974 435
		Inc. 185 778	Inc. 29 720	Inc. 215 498
TEACHERS				
Number of licensed teachers employed for 160 days or more.....	1909	15 117	23 085	37 132
	1908	15 019	21 113	36 132
		Inc. 98	Inc. 922	Inc. 1 020
Men.....	1909	1 695	1 733	3 428
	1908	1 627	1 816	3 443
		Inc. 68	Dec. 83	Dec. 15
Women.....	1909	14 411	21 119	35 530
	1908	14 363	20 598	34 961
		Inc. 48	Inc. 521	Inc. 569
Total.....	1909	16 106	22 852	38 968
	1908	15 990	22 414	38 404
		Inc. 116	Inc. 438	Inc. 564

Comparative school statistics for elementary schools (concluded)

LICENSES HELD

	Year	Com'r dists.	Cities	State
State certificates	1909	201	2 281	2 482
	1908	155	2 562	2 717
		Inc. 46	Dec. 281	Dec. 235
College graduate and professional certificates	1909	204	1 122	1 226
	1908	147	1 603	1 750
		Inc. 57	Dec. 481	Dec. 424
Normal diplomas	1909	3 358	4 238	7 596
	1908	3 282	4 119	7 371
		Inc. 106	Inc. 119	Inc. 225
Training class or school certificates	1909	5 952	6 233	12 185
	1908	5 844	5 406	11 250
		Inc. 108	Inc. 827	Inc. 935
Local and commissioner licenses	1909	5 730	8 842	14 572
	1908	5 703	8 612	14 315
		Inc. 27	Inc. 230	Inc. 257

TEACHERS TRAINING CLASSES

	Year	Men	Women	Total
Students reported first term	1909	82	1 227	1 309
	1908	57	1 101	1 158
		Inc. 25	Inc. 126	Inc. 151
Students reported second term	1909	85	1 205	1 290
	1908	57	974	1 031
		Inc. 28	Inc. 231	Inc. 259
Visits by school commissioner	1909	.....	.....	275
	1908	.....	.....	271
		.....	.....	Inc. 4
Inspections by department	1909	.....	.....	117
	1908	.....	.....	174
		.....	.....	Dec. 57
Certificates granted	1909	.....	.....	865
	1908	.....	.....	1 013
		.....	.....	Dec. 148
Apportionment of money	1909	.....	.....	\$39 500
	1908	.....	.....	39 475
		.....	.....	Inc. \$25

Exhibit A

Comparative school statistics for all public schools

FINANCIAL

	Year	Com'r dists.	Cities	State
Expended for teachers' salaries.....	1909	\$7 162 308 96	\$26 042 348 53	\$33 204 657 48
	1908	6 830 702 57	24 507 766 80	31 338 469 37
		Inc. \$331 606 39	Inc. \$1 534 581 72	Inc. \$1 866 188 11
Average annual salary of teachers.....	1909	\$422 90	\$1 071 92	\$805 33
	1908	407 29	1 055 78	783 78
		Inc. \$15 61	Inc. \$16 14	Inc. \$21 55
Average weekly salary of teachers.....	1909	\$12 44	\$27 77	\$22 75
	1908	12 05	27 07	22 14
		Inc. \$ 39	Inc. \$ 70	Inc. \$ 61
Expended for buildings, sites, furniture, repairs etc.....	1909	\$337 214 66	\$9 959 408 93	\$10 896 623 59
	1908	929 022 81	13 301 191 24	14 230 214 05
		Inc. \$8 191 85	Dec. \$3 341 782 31	Dec. \$8 333 590 46
Expended for school apparatus.....	1909	\$70 246 26	\$40 492 12	\$119 738 38
	1908	149 380 34	30 622 75	180 012 09
		Dec. \$70 143 08	Inc. \$9 869 37	Dec. \$60 273 71
Expended for school libraries.....	1909	\$163 083 24	\$123 073 37	\$285 156 61
	1908	126 256 67	86 764 81	213 021 48
		Inc. \$35 826 57	Inc. \$36 308 56	Inc. \$72 135 13
All other incidental expenses.....	1909	\$2 782 502 30	\$6 674 205 05	\$9 456 707 35
	1908	2 614 974 17	6 675 658 09	9 290 632 26
		Inc. \$167 528 13	Dec. \$1 453 04	Inc. \$166 075 09
Total expenditures.....	1909	\$11 123 355 42	\$42 859 527 99	\$53 962 983 41
	1908	10 650 345 56	44 602 003 69	55 252 349 25
		Inc. \$473 009 86	Dec. \$1 762 475 70	Dec. \$1 289 465 84
Average annual cost per pupil based on average daily attendance.....	1909	\$34 47	\$54 72	\$48 81
	1908	34 10	59 45	52 ..
		Inc. \$ 37	Dec. \$4 73	Dec. \$3 19
Average annual cost per pupil based on registration.....	1909	\$26 25	\$44 49	\$38 91
	1908	25 39	47 19	40 48
		Inc. \$ 86	Dec. \$2 70	Dec. \$1 57

SCHOOL DISTRICTS AND BUILDINGS

Number of school districts.....	1909	10 592	1 203	11 795
	1908	10 595	1 194	11 789
		Dec. 3	Inc. 9	Inc. 6
Number of schoolhouses.....	1909	10 866	1 203	12 069
	1908	10 898	1 194	12 092
		Dec. 32	Inc. 9	Dec. 23
Number of log schoolhouses.....	1909	10	.....	10
	1908	11	.....	11
		Dec. 1	.....	Dec. 1
Number of frame schoolhouses.....	1909	9 555	212	9 767
	1908	9 596	220	9 816
		Dec. 41	Dec. 8	Dec. 49

Comparative school statistics for all public schools (continued)

SCHOOL DISTRICTS AND BUILDINGS (concluded)

	Year	Com'r dists.	Cities	State
Number of brick schoolhouses	1909	1 010	982	1 992
	1908	1 000	986	1 966
		Inc. 10	Inc. 16	Inc. 26
Number of stone schoolhouses	1909	291	9	300
	1908	291	8	299
			Inc. 1	Inc. 1
Value of schoolhouses and sites	1909	\$26 842 317 ..	\$150 890 955 ..	\$177 733 272 ..
	1908	25 275 818 ..	142 180 779 ..	167 456 592 ..
		Inc. \$1 566 504 ..	Inc. \$8 710 176 ..	Inc. \$10 276 680 ..
Average value of schoolhouses and sites.	1909	\$2 470 30	\$125 428 89	\$14 726 43
	1908	2 319 31	119 079 28	13 948 54
		Inc. \$150 99	Inc. \$6 349 51	Inc. \$877 89

CENSUS AND ATTENDANCE

Number of children of school age	1909	461 913	1 465 022	1 926 985
	1908	463 580	1 407 084	1 870 664
		Dec. 1 667	Inc. 57 938	Inc. 56 271
Number of children between 5 and 18 years of age attending school (omitting duplicates).....	1909	417 760	954 821	1 372 581
	1908	414 077	938 120	1 352 197
		Inc. 3 683	Inc. 16 701	Inc. 20 384
Number of children over 18 years of age attending school (omitting duplicates).	1909	6 050	8 081	14 131
	1908	5 433	7 000	12 433
		Inc. 617	Inc. 1 081	Inc. 1 698
Average daily attendance of children between 5 and 18 years of age	1909	318 881	776 907	1 005 288
	1908	308 486	745 082	1 053 506
		Inc. 9 895	Inc. 31 825	Inc. 41 720
Average daily attendance of pupils over 18 years of age.....	1909	4 269	5 990	10 259
	1908	3 821	5 182	9 003
		Inc. 448	Inc. 808	Inc. 1 256
Average number of days each pupil attended.....	1909	135	154	149
	1908	134	155	149
		Inc. 1	Dec. 1	.....

Comparative school statistics for all public schools (continued)

TEACHERS				
	Year	Com'r data.	Cities	State
Number of licensed teachers employed for 180 days or more.....	1909	16 936	24 295	41 231
	1908	16 771	23 213	39 984
		Inc. 165	Inc. 1 082	Inc. 1 247
Men.....	1909	2 394	2 629	5 023
	1908	2 329	2 667	4 996
		Inc. 65	Dec. 38	Inc. 27
Women.....	1909	15 680	22 569	38 249
	1908	15 597	21 995	37 592
		Inc. 83	Inc. 574	Inc. 657
Total.....	1909	18 074	25 198	43 272
	1908	17 926	24 662	42 588
		Inc. 148	Inc. 536	Inc. 684
LICENSES HELD				
State certificates.....	1909	338	2 422	2 760
	1908	293	2 677	2 970
		Inc. 45	Dec. 255	Dec. 210
College graduate certificates.....	1909	1 076	1 787	2 857
	1908	916	2 247	3 163
		Inc. 154	Dec. 460	Dec. 306
Normal diplomas.....	1909	4 062	4 514	8 006
	1908	4 046	4 381	8 427
		Inc. 46	Inc. 133	Inc. 179
Training class or school certificates.....	1909	5 991	6 293	12 284
	1908	5 881	5 456	11 337
		Inc. 110	Inc. 837	Inc. 947
Local and commissioner licenses.....	1909	5 883	9 996	15 879
	1908	5 864	9 739	15 603
		Inc. 19	Inc. 257	Inc. 276
MISCELLANEOUS				
Average length of school term in days...	1909	170	193	177
	1908	169	195	177
		Inc. 1	Dec. 2	.....
Volumes in library.....	1909	1 762 296	1 157 660	2 919 856
	1908	1 551 149	1 113 329	2 064 478
		Inc. 211 147	Inc. 44 231	Inc. 255 378
COMPULSORY EDUCATION				
Number of children committed to truant schools.....	1909	104	797	901
	1908	80	1 314	1 394
		Inc. 24	Dec. 517	Dec. 493
Number of truants arrested by truant officer.....	1909	775	5 008	5 783
	1908	1 046	13 934	14 980
		Dec. 271	Dec. 8 926	Dec. 9 197
Number of parents prosecuted.....	1909	987	1 557	2 544
	1908	741	852	1 593
		Inc. 246	Inc. 705	Inc. 951

Comparative school statistics for all public schools (concluded)

NORMAL SCHOOLS

Total number registered, all departments.....	1909	6 494
	1908	6 600
		Dec. 106
Total number registered, normal department only.....	1909	1 889
	1908	2 050
		Dec. 100
Average daily attendance in normal schools.....	1909	5 3 <u>3</u> <u>4</u>
	1908	5 5 <u>4</u> <u>2</u>
		Dec. 100
Number graduating from normal schools.....	1909	8
	1908	967
		04
		Dec. —
Total cost of normal schools (fiscal year).....	1909	\$471 438
	1908	572 586
		89
		26
		Dec. \$101 147
		37
Average cost per graduate, excluding new buildings.....	1909	\$481
	1908	491
		44
		48
		Dec. \$10
		04

TABLE 1
Cost of maintaining schools

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1896	\$7 878 507 30		\$5 406 889 24		\$13 284 086 04	
1897	8 340 117 77	+ \$461 520 47	5 420 551 80	+ \$14 162 46	13 760 669 57	+ \$475 682 93
1898	9 209 464 14	+ 860 346 37	5 771 377 33	+ 350 825 53	14 980 841 47	+ 1 220 171 90
1899	9 798 044 79	+ 588 580 65	6 078 800 12	+ 307 422 79	15 875 844 91	+ 896 003 44
1890	11 317 463 73	+ 519 418 94	6 075 907 88	— 3 792 24	17 892 471 61	+ 1 515 626 70
1891	10 849 593 79	— 467 869 94	6 325 241 50	+ 250 333 62	17 174 835 29	— 217 636 32
1892	11 408 491 25	+ 558 897 49	6 795 496 76	+ 470 255 26	18 203 968 04	+ 1 029 132 75
1893	11 720 696 22	+ 312 107 04	7 200 647 35	+ 405 150 59	18 921 245 67	+ 717 257 63
1894	12 101 745 52	+ 381 147 20	7 206 825 57	+ 6 178 22	19 308 571 09	+ 387 325 42
1895	13 494 007 45	+ 1 392 861 93	7 456 006 67	+ 249 181 10	20 305 614 12	+ 1 642 043 03
1896	15 542 071 50	+ 2 047 464 05	7 631 759 40	+ 175 762 73	23 173 830 90	+ 2 228 216 78
1897	19 152 644 40	+ 3 610 572 90	7 537 212 31	— 94 547 09	26 689 856 71	+ 3 516 026 22
1898	21 215 074 47	+ 2 062 430 07	7 260 797 41	— 276 414 90	28 475 871 88	+ 1 786 015 17
1899	20 854 544 52	— 360 029 95	7 198 445 97	— 62 351 44	28 052 990 49	— 422 881 39
1900	25 897 592 28	+ 5 043 047 76	7 523 899 09	+ 325 453 12	33 421 491 37	+ 5 368 500 88
1901	28 717 148 56	+ 2 819 556 28	7 678 120 96	+ 154 221 87	36 295 269 52	+ 2 973 778 15
1902	29 519 166 80	+ 802 018 24	7 849 851 06	+ 171 730 12	37 369 017 88	+ 973 748 86
1903	33 234 586 49	+ 3 715 419 69	8 183 509 36	+ 333 658 28	41 418 095 85	+ 4 049 077 97
1904	34 936 566 57	+ 1 701 980 08	8 813 710 26	+ 630 200 90	43 750 276 83	+ 2 332 180 98
1905	38 949 897 92	+ 4 013 331 35	8 853 774 41	+ 40 064 15	47 903 672 33	+ 4 053 395 50
1906	43 216 062 04	+ 4 266 164 12	9 055 798 79	+ 202 024 38	53 271 860 83	+ 4 468 188 50
1907	44 122 238 38	+ 906 176 34	9 806 437 48	+ 750 638 69	53 928 675 86	+ 1 656 815 03
1908	44 602 003 69	+ 479 765 31	10 650 345 56	+ 843 908 08	55 252 249 25	+ 1 323 673 39
1909	42 839 527 99	— 1 762 475 70	11 123 265 42	+ 478 009 86	58 982 883 41	— 1 289 465 84

TABLE 2
Amount expended for teachers' wages

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$5 236 730		\$3 865 537		\$9 102 268	
1887	5 415 202	+ \$178 472	3 891 222	+ \$25 685	9 306 425	+ \$204 157
1888	5 683 855	+ 268 653	3 992 236	+ 101 014	9 676 091	+ 369 666
1889	5 727 541	+ 43 686	4 007 062	+ 14 826	9 804 604	+ 128 513
1890	6 129 229	+ 401 688	4 292 942	+ 285 880	10 422 171	+ 617 567
1891	6 664 865	+ 435 136	4 448 620	+ 155 678	11 012 986	+ 590 815
1892	7 048 412	+ 484 047	4 572 653	+ 124 033	11 621 066	+ 608 080
1893	7 146 693	+ 98 281	4 736 401	+ 163 748	11 883 094	+ 262 028
1894	7 204 613	+ 117 920	4 738 404	+ 2 003	12 053 017	+ 169 923
1895	8 010 135	+ 745 522	4 898 999	+ 110 295	12 908 824	+ 855 817
1896	8 674 683	+ 664 548	4 944 544	+ 45 845	13 619 227	+ 710 393
1897	9 158 205	+ 483 522	5 001 854	+ 57 310	14 190 059	+ 340 832
1898	10 273 987	+ 1 115 782	4 882 291	- 119 563	15 156 278	+ 996 219
1899	11 534 572	+ 1 260 585	4 950 075	+ 67 784	16 494 647	+ 1 328 369
1900	14 166 908	+ 2 632 236	5 032 085	+ 102 010	19 218 893	+ 2 724 246
1901	16 320 989	+ 2 154 181	5 183 630	+ 131 545	21 504 619	+ 2 285 726
1902	17 443 750	+ 1 122 760	5 272 587	+ 88 957	22 716 337	+ 1 211 718
1903	18 509 203	+ 1 065 453	5 461 963	+ 189 376	23 971 196	+ 1 254 829
1904	19 446 285	+ 937 082	5 709 398	+ 247 435	25 155 683	+ 1 184 517
1905	20 700 015	+ 1 253 730	5 862 973	+ 153 575	26 562 987	+ 1 407 304
1906	22 725 840	+ 2 025 825	6 035 906	+ 172 938	28 761 745	+ 2 198 758
1907	23 956 181	+ 1 230 391	6 448 346	+ 412 440	30 404 477	+ 1 642 732
1908	24 507 767	+ 551 636	6 820 703	+ 382 357	31 328 490	+ 933 992
1909	26 042 349	+ 1 534 582	7 162 309	+ 331 606	33 204 657	+ 1 866 188

TABLE 3
Amount expended for schoolhouses, sites, furniture and repairs

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$1 405 773		\$370 681		\$2 276 454	
1887	1 587 249	+ \$181 476	806 754	- \$163 927	2 394 004	+ \$117 549
1888	1 855 433	+ 268 184	1 011 087	+ 204 333	2 866 521	+ 472 517
1889	2 638 025	+ 682 592	1 206 534	+ 195 417	3 744 559	+ 878 038
1890	3 634 917	+ 1 096 892	1 458 347	- 248 187	4 593 264	+ 848 706
1891	2 707 165	- 927 752	998 798	+ 40 451	3 705 964	- 887 300
1892	2 669 918	- 37 247	1 255 272	+ 256 474	3 925 191	+ 219 227
1893	2 688 966	+ 19 048	1 372 126	+ 116 854	4 061 092	+ 135 901
1894	2 916 950	+ 227 984	1 222 345	- 149 781	4 139 295	+ 78 203
1895	3 493 734	+ 576 774	1 365 410	+ 143 065	4 859 135	+ 719 840
1896	4 410 055	+ 916 331	1 417 280	+ 51 870	5 827 336	+ 968 201
1897	7 228 700	+ 2 816 645	1 171 977	- 245 303	8 398 677	+ 2 571 342
1898	7 553 570	+ 326 870	1 057 979	- 113 998	8 611 549	+ 212 872
1899	5 521 923	- 2 031 647	895 993	- 161 986	6 417 960	- 2 193 633
1900	7 518 250	+ 1 996 927	1 030 393	+ 134 400	8 548 643	+ 2 130 727
1901	7 414 827	- 103 422	971 531	- 58 862	8 396 358	- 162 284
1902	7 092 179	- 322 647	1 007 503	+ 35 971	8 099 682	- 296 675
1903	8 926 964	+ 1 834 785	984 959	- 22 544	9 911 923	+ 1 812 241
1904	9 258 476	+ 331 512	1 211 477	+ 226 518	10 469 953	+ 558 030
1905	12 346 542	+ 3 088 066	775 357	- 436 120	13 121 898	+ 2 651 944
1906	14 719 053	+ 2 372 511	701 815	- 73 542	15 420 898	+ 2 296 970
1907	14 021 659	- 697 394	825 699	+ 123 883	14 847 357	- 573 511
1908	13 301 191	- 720 468	926 023	+ 103 324	14 230 214	- 617 143
1909	9 959 409	- 3 341 782	937 215	+ 8 192	10 896 624	- 3 333 590

TABLE 4
Aggregate value of schoolhouses and sites

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$39 261 473	.....	\$14 028 543	.....	\$53 400 016	.....
1887	43 901 074	+ 4 539 601	16 432 053	+ \$2 363 500	60 833 126	+ \$6 933 110
1888	49 794 983	+ 5 893 909	16 202 617	— 139 435	66 077 600	+ 5 744 474
1889	56 012 562	+ 6 227 579	15 819 949	— 472 668	71 832 511	+ 5 754 911
1890	59 208 858	+ 3 256 291	15 884 762	+ 64 813	75 153 615	+ 3 321 104
1900	65 453 911	+ 6 195 053	16 304 584	+ 419 822	81 768 495	+ 6 614 880
1901	73 375 726	+ 4 911 815	16 916 668	+ 612 104	87 292 414	+ 5 523 919
1902	75 104 066	+ 4 728 360	17 103 887	+ 186 690	92 207 473	+ 4 915 059
1903	82 174 218	+ 7 070 129	17 494 026	+ 390 689	99 668 241	+ 7 460 768
1904	89 132 367	+ 6 958 153	18 420 797	+ 926 741	107 553 134	+ 7 884 893
1905	101 742 635	+ 12 610 268	19 970 032	+ 1 546 266	121 712 067	+ 14 159 933
1906	114 707 347	+ 12 964 712	21 330 069	+ 1 360 037	136 037 416	+ 14 324 749
1907	128 879 324	+ 14 171 977	23 488 141	+ 2 158 072	152 367 465	+ 16 330 049
1908	142 180 779	+ 13 301 455	25 275 813	+ 1 787 672	167 456 592	+ 15 089 127
1909	150 800 955	+ 8 710 176	26 842 317	+ 1 566 504	177 733 272	+ 10 276 680

TABLE 5
Amount expended for libraries

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$20 746	.....	\$19 762	.....	\$40 508	.....
1887	17 623	- \$3 123	23 098	+ \$3 336	39 721	- \$787
1888	20 121	+ 2 498	24 733	+ 2 635	44 854	+ 5 133
1889	26 160	+ 6 039	23 682	- 1 151	49 742	+ 4 888
1890	22 426	- 3 734	27 463	+ 3 781	49 889	+ 147
1891	24 620	+ 2 194	37 538	+ 75	53 153	+ 2 269
1892	31 037	+ 6 417	30 762	+ 3 244	61 819	+ 9 661
1893	45 822	+ 14 845	48 468	+ 17 686	94 350	+ 32 531
1894	59 626	+ 13 744	58 554	+ 10 086	118 180	+ 23 830
1895	74 091	+ 14 465	58 848	+ 294	132 639	+ 14 759
1896	71 585	- 2 506	64 734	+ 5 886	136 369	+ 3 430
1897	95 074	+ 23 489	67 632	+ 2 848	162 706	+ 26 337
1898	88 368	- 6 706	78 601	+ 10 969	164 989	+ 2 283
1899	68 743	- 17 625	72 956	- 5 645	141 699	- 23 270
1900	58 428	- 10 317	83 732	+ 10 776	142 158	+ 459
1901	58 805	+ 379	82 078	- 1 654	140 883	- 1 274
1902	108 176	+ 49 379	84 085	+ 1 957	192 211	+ 51 327
1903	69 997	- 38 179	88 296	+ 4 263	153 295	- 39 916
1904	160 253	+ 90 256	98 296	+ 9 997	258 448	+ 100 253
1905	84 901	- 76 352	143 037	+ 43 742	226 938	- 31 510
1906	91 068	+ 6 167	160 868	+ 18 831	251 936	+ 24 998
1907	86 472	- 4 596	132 255	- 28 610	218 730	- 33 206
1908	86 765	+ 293	126 256	- 6 002	213 021	- 5 709
1909	123 073	+ 36 308	163 063	+ 35 827	285 156	+ 72 135

TABLE 6
Number, sizes and distribution of school libraries 1908-9

COUNTIES	Com'r districts	Whole no. of school districts	No. of secondary schools	NUMBER AND SIZES OF SCHOOL LIBRARIES						No. of districts having libraries	No. of districts without libraries
				1 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1 000 +		
Albany	1	43	2	2	8	25	6	2	43	13	
	3	65	1	20	26	4	2	1	52	6	
	2	37	1	5	9	7	9	1	31	8	
Allegany	1	130	9	39	39	35	4	4	122	6	
	2	116	11	40	31	24	6	4	110	6	
Broome	1	106	2	20	31	27	7	1	87	19	
	2	97	5	29	44	10	5	4	93	4	
Cattaraugus	1	114	6	14	43	35	14	3	113	1	
	2	81	6	4	21	44	5	4	81	5	
	3	88	6	8	35	30	5	2	83	5	
Cayuga	1	97	3	17	37	22	6	3	86	11	
	2	128	3	16	56	43	7	2	124	4	
Chautauqua	1	90	6	6	26	40	9	1	85	5	
	2	96	6	9	27	42	10	2	95	5	
	3	91	8	4	27	42	8	5	88	3	
Chemung	1	111	6	40	40	13	14	1	111	1	
Chenango	1	128	6	15	40	47	9	1	116	12	
	2	127	7	25	43	40	4	1	117	10	
Clinton	1	74	3	4	15	39	14	2	74	1	
	2	45	7	7	22	13	2	1	45	4	
	3	67	4	15	20	20	5	1	63	4	
Columbia	1	70	1	5	24	25	13	3	70	1	
	2	81	4	8	19	30	14	5	80	1	
Cortland	1	72	3	32	17	6	2	2	59	13	
	2	73	2	16	30	13	2	1	62	11	
Delaware	1	180	5	45	73	27	3	1	153	27	
	2	167	7	32	78	26	7	1	147	20	
Dutchess	1	94	6	15	27	31	7	1	86	8	
	2	89	8	7	28	29	14	7	87	2	
Erie	1	92	9	4	20	29	15	2	75	17	
	2	95	7	18	30	24	10	2	91	4	
	3	83	5	21	36	15	6	2	82	1	
Essex	1	85	6	13	22	33	3	1	79	6	
	2	79	6	19	29	20	3	3	76	3	
Franklin	1	94	3	18	38	17	9	1	85	9	
	2	83	8	25	17	16	5	4	70	13	
Fulton	1	99	3	34	35	13	4	1	88	11	
Genesee	1	124	11	11	24	65	11	5	121	3	
Greene	1	72	5	11	11	27	14	3	68	4	
	2	72	3	14	30	20	3	3	70	2	
Hamilton	1	35	3	5	8	14	5	1	34	1	
Herkimer	1	89	5	8	24	38	9	4	85	4	
	2	94	3	13	24	39	9	1	89	5	
Jefferson	1	111	3	17	28	51	9	2	108	3	
	2	114	10	45	22	13	4	4	93	21	
	3	123	9	28	30	42	5	3	113	10	
Lewis	1	98	4	19	31	36	4	4	94	4	
	2	110	2	14	67	16	6	1	106	4	
Livingston	1	88	6	7	23	42	7	3	85	3	
	2	87	5	18	25	18	3	1	88	19	
Madison	1	115	12	27	28	20	1	10	87	28	
	2	84	5	5	25	28	10	4	75	9	
Monroe	1	90	8	13	38	28	9	2	90	1	
	2	110	5	19	33	38	12	2	107	3	
Montgomery	1	109	6	17	35	29	16	1	103	6	
Nassau	1	60	19	2	7	23	17	11	60	1	
Niagara	1	66	1	4	21	30	10	1	66	1	
	2	89	3	13	26	32	14	1	88	1	
Oneida	1	54	5	3	20	16	5	1	49	5	
	2	94	9	10	31	30	8	8	89	5	
	3	83	2	13	30	32	2	1	79	4	
	4	126	4	16	71	23	6	1	118	8	
Onondaga	1	78	5	5	33	24	5	2	73	5	
	2	85	8	6	34	26	9	1	79	6	
	3	92	7	9	23	35	11	4	85	7	
Ontario	1	88	4	12	15	38	15	2	84	4	
	2	105	5	16	45	29	7	1	102	3	
Orange	1	75	8	8	21	22	12	5	69	6	
	2	94	6	7	17	43	16	3	90	4	

TABLE 7
School library and apparatus summary

1908-9	Towns	Cities	Increase or decrease	Total	Increase or decrease	Total	Increase or decrease
No. of books in school libraries at end of year.....	1 258 213 504 083	931 720 225 840	+185 778 +25 369	2 189 933 729 923	+29 720 +14 511	2 189 933 729 923	+215 498 +39 880
Total.....	1 762 296	1 157 560	+211 147	2 919 856	+44 231	2 919 856	+255 378
No. of books added during year.....	223 228 23 223	133 640 14 084	+151 072 +546	356 868 37 307	+23 927 +3 286	356 868 37 307	+174 999 +37 822
Total.....	246 451	147 724	+151 618	394 175	+27 213	394 175	+178 831
Amount expended for books.....	\$132 053 89 30 029 35	\$98 208 84 24 864 53	+34 530 55 +1 296 02	\$230 262 73 54 893 88	+\$25 908 81 +10 399 75	\$230 262 73 54 893 88	+174 999 +11 695 77
Total.....	\$162 083 24	\$123 073 37	+335 826 57	\$285 156 61	+\$36 308 50	\$285 156 61	+\$72 135 13
Amount expended for apparatus.....	\$53 674 08 25 572 18	\$10 290 07 30 202 05	-\$64 487 08 -5 656 ..	\$63 964 15 55 774 23	-\$193 75 +10 063 12	\$63 964 15 55 774 23	-\$64 680 83 +4 407 12
Total.....	\$79 246 26	\$40 492 12	-\$70 143 08	\$119 738 38	+\$9 869 37	\$119 738 38	-\$60 273 71

TABLE 8

Whole number of teachers employed at any time

YEAR	Men	Increase or decrease	Women	Increase or decrease	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	5 952	.....	25 371	.....	8 525	.....	23 800	.....	31 325	.....
1887	5 821	-131	25 497	+ 126	8 832	+ 307	22 456	-176	31 318	- 7
1888	5 651	-170	26 075	+ 578	9 108	+ 276	22 618	+ 162	31 728	+ 408
1889	5 549	-102	26 428	+ 353	9 458	+ 350	22 639	+ 20	31 957	+ 229
1890	5 338	-191	26 345	- 83	9 880	+ 422	21 723	- 916	31 703	- 254
1891	5 359	+ 1	26 623	+ 278	10 482	+ 602	21 506	- 217	31 962	+ 259
1892	5 292	- 67	26 890	+ 266	10 902	+ 420	21 259	- 247	32 161	+ 179
1893	5 083	-204	27 406	+ 516	11 162	+ 260	21 814	+ 555	32 476	+ 315
1894	5 096	+ 28	27 833	+ 425	11 751	+ 589	21 173	- 641	32 929	+ 453
1895	5 476	+ 380	30 148	+ 2 315	12 530	+ 779	23 094	+ 921	35 624	+ 2 695
1896	5 421	- 55	28 399	- 1 749	13 489	+ 959	20 531	- 2 563	33 820	- 1 804
1897	5 461	+ 40	28 924	+ 525	15 293	+ 1 794	19 102	- 1 429	34 385	+ 565
1898	5 188	-207	27 819	- 1 105	14 519	- 774	18 254	- 848	33 073	- 1 312
1899	5 405	+ 137	28 587	+ 768	16 116	+ 1 597	17 876	+ 622	33 992	+ 919
1900	5 251	-151	29 690	+ 1 073	17 256	+ 1 139	17 593	- 263	34 848	+ 856
1901	5 147	- 41	30 444	+ 754	18 199	+ 944	17 382	- 211	35 591	+ 743
1902	5 060	- 87	31 576	+ 1 132	19 373	+ 1 174	17 263	- 120	36 636	+ 1 045
1903	4 909	-151	34 916	+ 3 340	22 637	+ 3 264	17 188	- 75	39 825	+ 3 189
1904	4 901	- 8	33 632	- 1 284	21 236	- 1 401	17 297	- 891	38 533	- 1 292
1905	4 709	-192	34 372	+ 740	21 620	+ 384	17 461	+ 164	39 061	+ 528
1906	4 662	- 47	35 065	+ 1 293	22 511	+ 1 191	17 516	+ 55	40 327	+ 1 246
1907	4 770	+ 108	36 427	+ 762	23 421	+ 610	17 776	+ 260	41 197	+ 870
1908	4 896	+ 126	37 592	+ 1 165	24 682	+ 1 241	17 926	+ 150	42 588	+ 1 391
1909	5 023	+ 27	38 249	+ 657	25 198	+ 516	18 074	+ 148	43 272	+ 684

TABLE 9

Number of teachers employed at the same time for the legal term of school in each year

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	7 467	.....	14 773	.....	22 240	.....
1887	7 831	+ 414	14 827	+ 54	22 708	+ 468
1888	8 068	+ 187	14 966	+ 139	23 084	+ 376
1889	8 317	+ 249	15 096	+ 130	23 413	+ 329
1890	8 761	+ 444	15 074	- 22	23 835	+ 422
1891	9 126	+ 365	15 231	+ 157	24 357	+ 522
1892	9 515	+ 389	15 369	+ 138	24 884	+ 527
1893	9 812	+ 297	15 602	+ 233	25 414	+ 530
1894	10 264	+ 452	15 632	+ 30	25 896	+ 482
1895	10 924	+ 660	15 745	+ 113	26 689	+ 793
1896	11 362	+ 1 028	15 982	+ 217	27 944	+ 1 255
1897	12 718	+ 756	15 863	- 110	28 681	+ 737
1898	13 819	+ 1 101	15 511	- 352	29 230	+ 549
1899	14 950	+ 1 131	15 549	+ 38	30 499	+ 1 269
1900	16 112	+ 1 162	15 656	+ 107	31 768	+ 1 269
1901	16 713	+ 601	15 740	+ 84	32 453	+ 685
1902	17 789	+ 1 046	15 631	- 109	33 390	+ 937
1903	18 683	+ 874	15 820	+ 189	34 453	+ 1 063
1904	19 445	+ 812	16 107	+ 287	35 552	+ 1 099
1905	19 976	+ 531	16 139	+ 32	36 115	+ 563
1906	20 843	+ 867	16 417	+ 278	37 269	+ 1 155
1907	22 094	+ 1 181	16 633	+ 216	38 657	+ 1 387
1908	23 213	+ 1 189	16 771	+ 138	39 894	+ 1 237
1909	24 296	+ 1 082	16 936	+ 165	41 251	+ 1 357

TABLE 10
Average weekly salaries of teachers

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$17 66		\$7 78		\$11 46	
1887	17 39	— \$ 27	7 76	— \$ 02	11 44	— \$ 02
1888	17 70	+ 31	7 89	+ 13	11 68	+ 24
1889	17 47	— 23	8 08	+ 19	11 79	+ 11
1890	17 40	— 07	8 ..	— 08	11 70	— 09
1891	17 89	+ 49	8 27	+ 27	12 18	+ 48
1892	18 75	+ 86	8 38	+ 11	12 62	+ 44
1893	18 67	— 08	8 60	+ 22	12 74	+ 12
1894	18 06	— 61	8 75	+ 15	12 72	— 02
1895	19 61	+ 1 55	8 96	+ 21	13 74	+ 1 02
1896	18 59	— 1 02	9 15	+ 19	13 92	+ 18
1897	18 75	+ 16	9 33	+ 18	14 23	+ 31
1898	19 36	+ 61	9 20	— 13	14 68	+ 45
1899	19 88	+ 52	9 31	+ 11	15 27	+ 59
1900	22 66	+ 2 78	9 54	+ 23	17 28	+ 2 01
1901	25 04	+ 2 38	9 63	+ 09	18 72	+ 1 44
1902	25 19	+ 15	9 92	+ 29	19 22	+ 50
1903	25 44	+ 25	10 10	+ 18	19 65	+ 43
1904	25 89	+ 47	10 36	+ 26	19 99	+ 34
1905	27 27	+ 1 38	10 68	+ 32	20 89	+ 90
1906	27 96	+ 69	10 75	+ 07	21 68	+ 79
1907	27 89	— 07	11 40	+ 65	22 22	+ 54
1908	27 07	— 82	12 05	+ 65	22 14	— 08
1909	27 77	+ 70	12 44	+ 39	22 75	+ 61

TABLE 11
Average annual salaries of teachers

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	\$701 31		\$261 66		\$400 27	
1887	687 12	— \$14 19	262 44	+ \$ 78	409 83	+ \$ 56
1888	702 92	+ 15 80	266 75	+ 4 31	419 75	+ 9 92
1889	688 65	— 14 27	270 07	+ 3 32	418 79	— 96
1890	694 29	+ 5 64	285 49	+15 42	436 71	+17 92
1891	719 30	+ 25 01	292 10	+ 6 61	452 16	+15 45
1892	740 76	+ 21 46	297 52	+ 5 42	467 ..	+14 84
1893	728 36	— 12 40	303 57	+ 6 05	467 58	+ 58
1894	707 77	— 20 59	306 32	+ 2 75	465 44	— 2 14
1895	733 35	+ 25 58	310 73	+ 4 41	483 68	+18 24
1896	725 19	— 8 16	309 38	— 1 35	487 37	+ 3 69
1897	720 09	— 5 10	315 82	+ 5 94	495 43	+ 8 06
1898	743 47	+ 23 38	314 76	— 56	516 75	+21 32
1899	771 54	+ 28 07	318 35	+ 3 59	540 50	+23 75
1900	879 27	+107 73	322 49	+ 4 14	604 78	+ 64 28
1901	976 54	+ 97 27	329 85	+ 6 86	662 64	+ 57 86
1902	982 25	+ 5 71	337 32	+ 7 97	680 33	+17 69
1903	992 08	+ 9 83	345 26	+ 7 94	695 76	+15 43
1904	1 000 07	+ 7 99	354 47	+ 9 21	707 57	+11 81
1905	1 036 24	+ 36 17	363 28	+ 8 81	735 51	+27 94
1906	1 090 33	+ 54 09	367 66	+ 4 38	771 92	+ 36 41
1907	1 087 73	— 2 60	387 68	+20 02	786 52	+14 60
1908	1 055 78	— 31 95	407 29	+19 61	783 78	— 2 74
1909	1 071 92	+ 16 14	422 90	+15 61	805 33	+21 55

TABLE 12
Number of children of school age

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	938 688		801 385		1 735 073	
1887	968 144	+ 34 456	794 971	- 6 414	1 763 116	+ 28 042
1888	997 155	+ 29 011	775 803	- 19 168	1 772 958	+ 9 843
1889	1 029 411	+ 32 256	774 256	- 1 547	1 803 667	+ 30 709
1890	1 068 088	+ 38 677	756 508	- 17 748	1 844 596	+ 40 929
1891	1 074 630	- 13 458	747 143	- 8 365	1 821 773	- 22 823
1892	1 112 296	+ 37 666	733 223	- 13 920	1 845 519	+ 23 746
1893	1 166 794	+ 54 496	725 594	- 7 629	1 892 388	+ 46 869
1894	1 208 885	+ 42 071	723 440	- 2 154	1 932 225	+ 39 837
1895	1 251 328	+ 42 443	694 917	- 28 523	1 946 245	+ 13 920
1896	1 066 070	a-185 258	585 787	-109 129	1 651 858	-294 387
1897	1 113 899	+ 47 443	555 050	- 30 738	1 668 940	+ 17 091
1898	1 000 423	-113 476	518 385	- 36 665	1 518 808	-150 141
1899	1 639 906	+ 39 483	510 173	- 8 213	1 550 079	+ 81 271
1900	1 064 635	+ 24 729	505 018	- 5 155	1 569 653	+ 19 574
1901	1 123 817	+ 59 182	497 370	- 7 793	1 621 087	+ 51 434
1902	1 146 926	+ 23 109	483 778	- 13 494	1 630 702	+ 9 615
1903	1 264 431	+117 505	476 329	- 7 447	1 740 780	+110 058
1904	1 295 015	+ 30 584	465 971	- 10 358	1 760 968	+ 20 226
1905	1 331 615	+ 36 600	465 623	- 348	1 797 238	+ 36 252
1906	1 352 998	+ 21 383	469 416	+ 3 793	1 822 414	+ 25 176
1907	1 374 672	+ 21 674	466 966	- 2 450	1 841 638	+ 19 224
1908	1 407 064	+ 32 392	463 580	- 3 386	1 870 664	+ 29 026
1909	1 465 022	+ 57 938	461 913	- 1 667	1 928 935	+ 58 271

a School age changed from 5-21 to 5-18.

TABLE 13

Number of children who have attended school at any time during the year

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1886	457 816		569 951		1 027 767	
1887	479 928	+ 22 107	557 889	-12 062	1 037 812	+ 10 045
1888	481 909	+ 1 986	551 860	- 6 529	1 033 269	- 4 543
1889	488 203	+ 6 294	546 610	- 5 850	1 033 813	+ 544
1890	501 449	+13 246	540 711	- 4 899	1 042 160	+ 8 347
1891	513 066	+11 617	540 978	+ 267	1 054 044	+11 884
1892	538 660	+25 594	534 433	- 6 545	1 073 093	+19 049
1893	550 634	+11 974	532 694	- 1 839	1 083 228	+10 135
1894	589 363	+28 729	536 635	+ 3 041	1 124 998	+41 770
1895	616 613	+27 250	541 780	+ 6 095	1 158 589	+ 33 591
1896	653 696	+ 37 085	522 376	-19 354	1 176 074	+17 485
1897	685 803	+ 32 105	517 896	- 4 980	1 203 199	+27 126
1898	691 543	+ 5 740	477 451	-39 945	1 168 994	-34 205
1899	720 532	+28 989	458 819	-18 632	1 179 351	+10 357
1900	755 359	+ 34 827	454 215	- 4 604	1 209 574	+ 30 223
1901	796 994	+40 635	446 422	- 7 793	1 242 416	+ 32 842
1902	832 910	+ 36 916	435 715	-10 707	1 268 625	+ 26 209
1903	827 541	- 5 369	429 333	- 6 382	1 256 874	-11 751
1904	876 654	+49 113	423 411	- 5 922	1 300 065	+43 191
1905	882 067	+ 5 433	429 021	+ 5 610	1 311 108	+11 043
1906	907 438	+25 351	428 116	- 905	1 335 554	+24 446
1907	922 032	+14 594	421 247	- 6 799	1 343 379	+ 7 825
1908	945 120	+23 088	419 510	- 1 837	1 364 630	+ 21 251
1909	962 902	+17 782	423 810	+ 4 300	1 386 712	+22 082

TABLE 14

Whole number of days of attendance

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1900.....	105 469 110	.....	53 970 035	.....	159 439 145	.....
1901.....	109 588 119	+ 4 119 009	52 948 859	- 1 021 176	162 536 978	+ 3 097 833
1902.....	115 473 937	+ 5 885 818	53 466 762	+ 517 903	168 940 699	+ 6 403 721
1903.....	121 643 469	+ 6 169 532	53 474 548	+ 7 786	175 118 017	+ 6 177 318
1904.....	126 425 264	+ 4 781 795	53 535 499	+ 60 951	179 960 768	+ 4 842 746
1905.....	131 749 368	+ 5 324 104	55 425 280	+ 1 889 781	187 174 648	+ 7 213 885
1906.....	135 384 793	+ 3 635 430	56 727 005	+ 1 301 725	192 111 803	+ 4 937 156
1907.....	138 801 659	+ 3 416 861	56 359 193	- 367 812	195 160 862	+ 3 049 049
1908.....	146 591 917	+ 7 790 258	56 207 884	- 151 309	202 799 801	+ 7 638 949
1909.....	148 632 384	+ 2 040 467	57 374 881	+ 1 166 977	206 007 245	+ 3 207 444

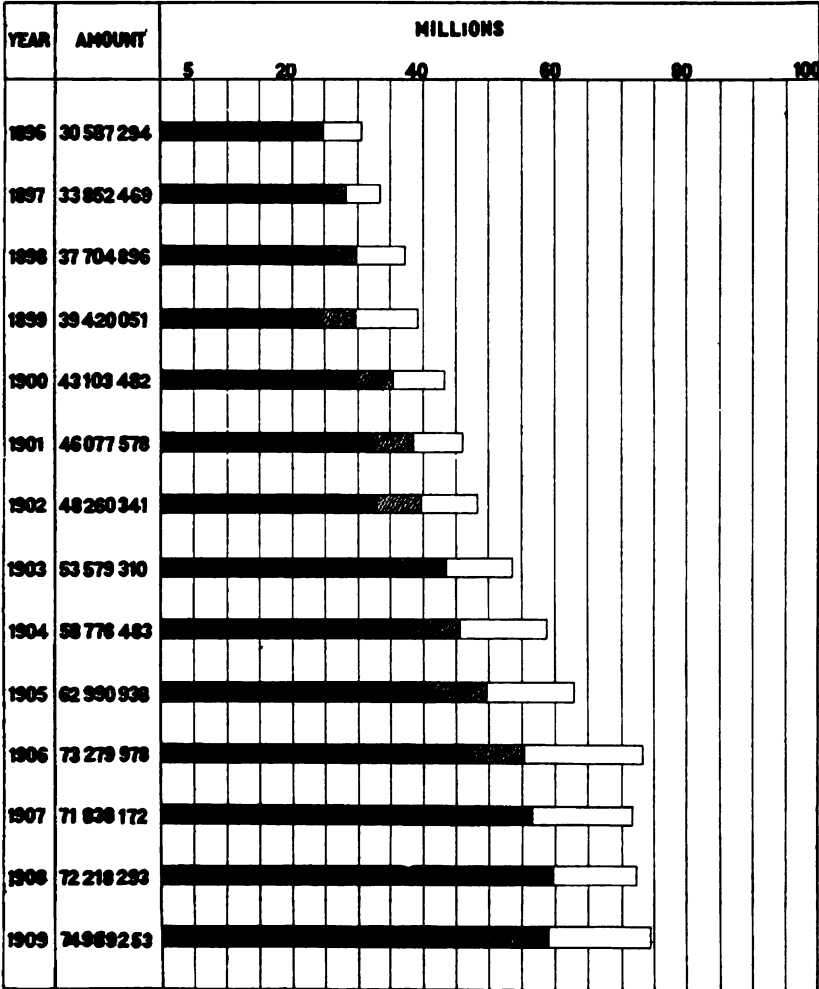
TABLE 15

Average daily attendance

YEAR	Cities	Increase or decrease	Towns	Increase or decrease	State	Increase or decrease
1896.....	304 667	.....	321 146	.....	625 813	.....
1897.....	312 446	+ 7 779	313 164	- 7 982	625 610	- 203
1898.....	318 763	+ 6 317	311 832	- 1 332	630 595	+ 4 985
1899.....	324 337	+ 5 574	313 150	+ 1 318	637 487	+ 6 892
1890.....	326 018	+ 11 681	306 966	- 6 184	642 984	+ 5 497
1891.....	344 609	+ 8 591	305 406	- 1 559	650 017	+ 7 033
1892.....	361 767	+ 17 158	303 807	- 1 601	655 574	+ 15 557
1893.....	371 551	+ 9 784	316 546	+ 12 739	689 097	+ 32 523
1894.....	407 955	+ 36 404	313 106	- 3 438	721 063	+ 32 966
1895.....	429 114	+ 21 159	328 580	+ 15 472	757 694	+ 36 631
1896.....	454 190	+ 25 176	317 864	- 10 716	772 054	+ 14 360
1897.....	488 068	+ 33 878	332 186	+ 14 322	820 254	+ 48 200
1898.....	508 412	+ 20 344	319 240	- 12 946	827 652	+ 7 398
1899.....	546 657	+ 38 245	302 773	- 16 467	849 430	+ 21 778
1900.....	551 688	+ 5 031	305 800	+ 3 027	857 488	+ 8 058
1901.....	575 741	+ 24 053	297 416	- 8 384	878 157	+ 15 669
1902.....	608 730	+ 32 989	299 671	+ 2 255	908 401	+ 30 244
1903.....	630 855	+ 22 125	287 480	- 2 191	928 835	+ 19 934
1904.....	661 241	+ 30 386	302 539	+ 5 059	943 780	+ 35 445
1905.....	686 642	+ 25 401	306 791	+ 7 252	966 433	+ 32 653
1906.....	705 743	+ 19 101	312 609	+ 2 818	1 018 232	+ 21 919
1907.....	722 604	+ 16 861	310 466	- 2 143	1 033 070	+ 14 718
1908.....	750 264	+ 27 660	312 307	+ 1 841	1 062 571	+ 29 501
1909.....	782 897	+ 32 633	322 650	+ 10 343	1 105 547	+ 42 976

TOTAL EXPENDITURES FOR ELEMENTARY SECONDARY & HIGHER INSTITUTIONS

ELEMENTARY
 SECONDARY
 HIGHER



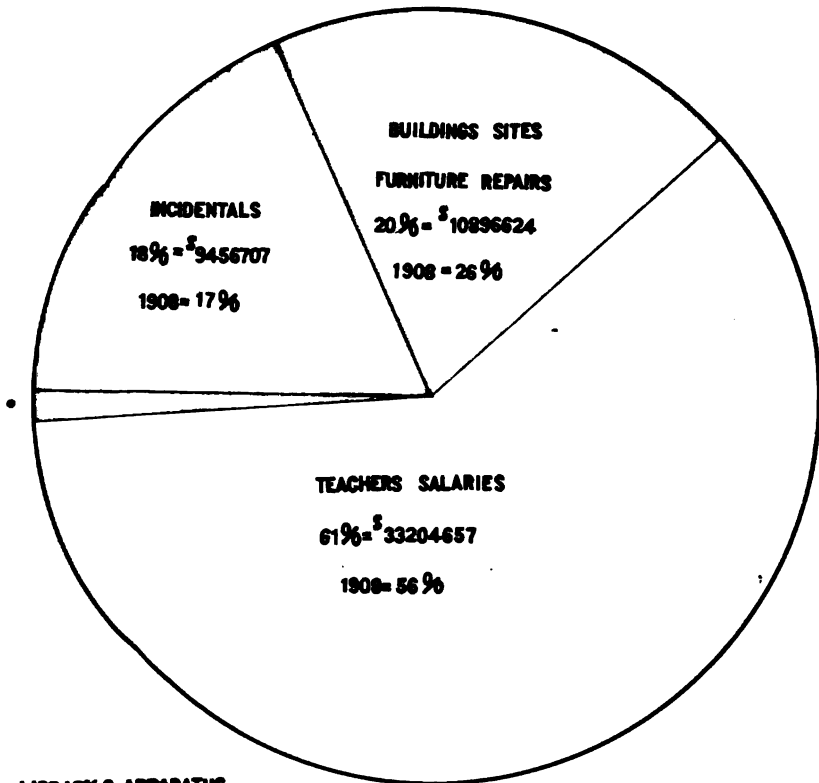
Figures since 1905 do not include foreign colleges.





EXPENDITURES FOR PUBLIC SCHOOL PURPOSES 1908

TOTAL EXPENDITURES \$ 53962863



• LIBRARY & APPARATUS

1% = \$ 40,489.5

1908 = 1%



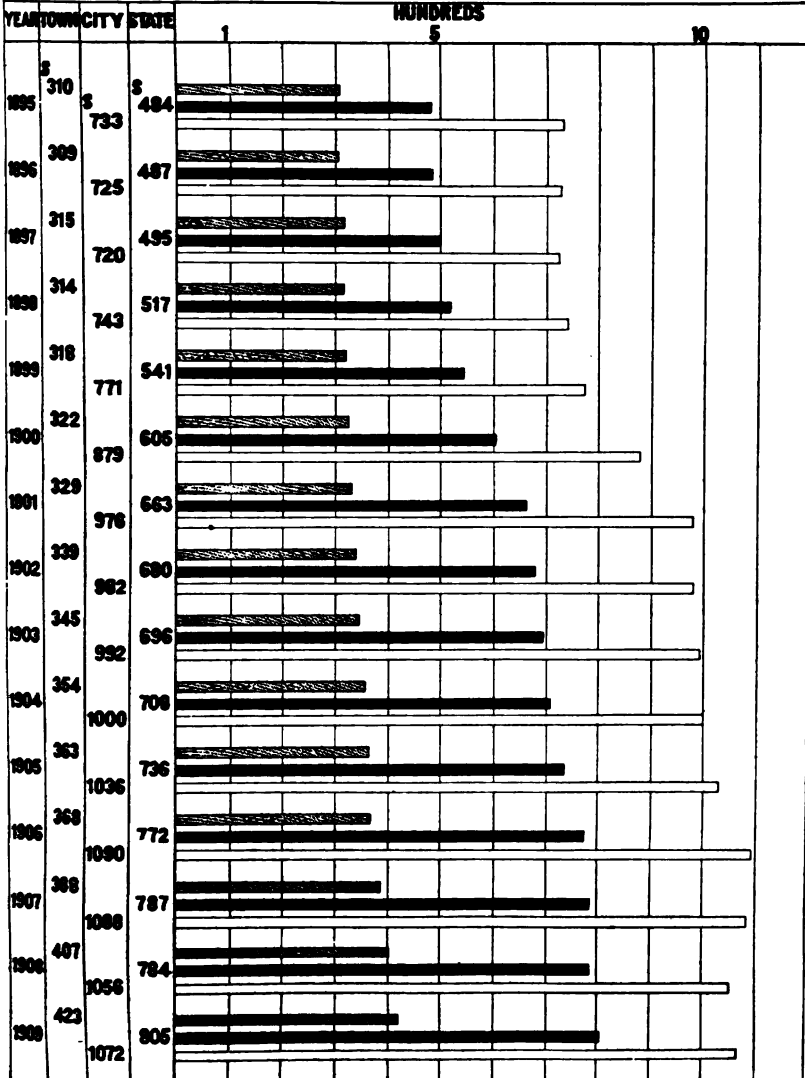
SALARIES OF TEACHERS IN PUBLIC SCHOOLS

YEAR	AMOUNT	MILLIONS				
		5	10	20	30	40
1897	\$ 14 160 059	[Bar extending to approximately 14.2 million]				
1898	15 156 276	[Bar extending to approximately 15.2 million]				
1899	16 484 647	[Bar extending to approximately 16.5 million]				
1900	19 218 892	[Bar extending to approximately 19.3 million]				
1901	21 504 619	[Bar extending to approximately 21.6 million]				
1902	22 716 337	[Bar extending to approximately 22.8 million]				
1903	23 971 166	[Bar extending to approximately 24.1 million]				
1904	25 155 684	[Bar extending to approximately 25.3 million]				
1905	26 562 987	[Bar extending to approximately 26.8 million]				
1906	28 761 745	[Bar extending to approximately 28.9 million]				
1907	30 404 477	[Bar extending to approximately 30.6 million]				
1908	31 338 469	[Bar extending to approximately 31.5 million]				
1909	33 204 657	[Bar extending to approximately 33.3 million]				



AVERAGE ANNUAL SALARY OF TEACHERS

TOWN
 CITY
 STATE

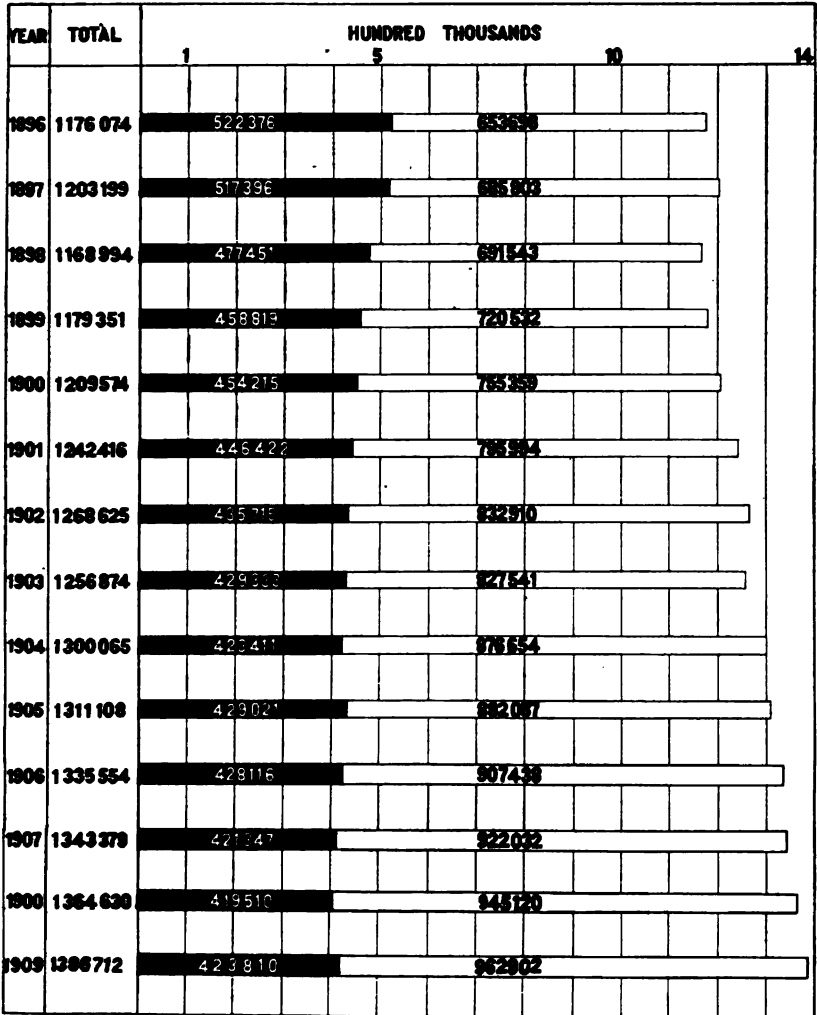






TOTAL ENROLLMENT IN PUBLIC SCHOOLS

— TOWNS — CITIES



Decrease in towns partially attributable to erection of new cities.

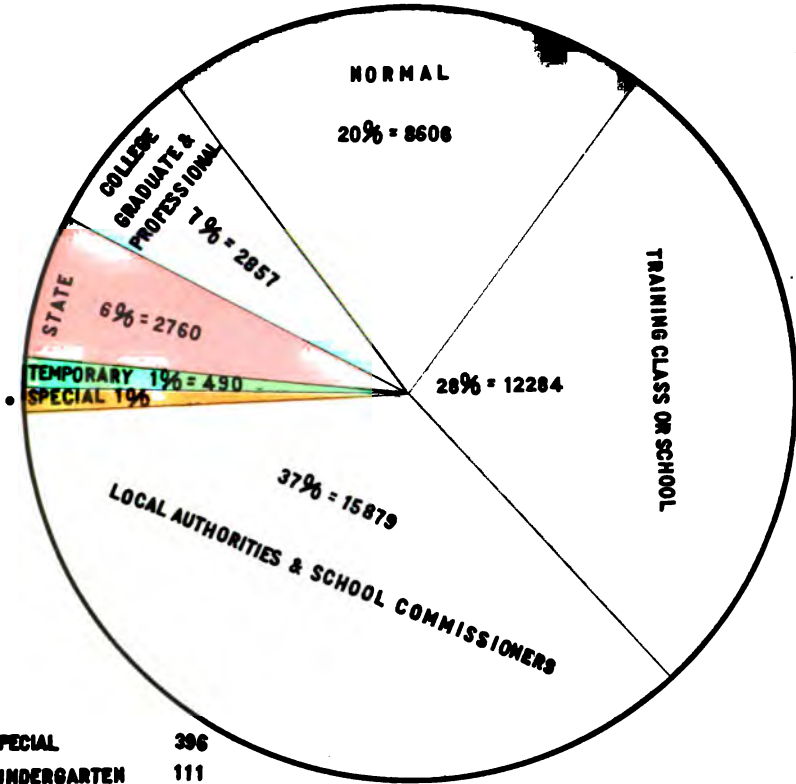


TEACHERS EMPLOYED IN PUBLIC SCHOOLS FOR THE LEGAL TERM

YEAR	NUMBER	THOUSANDS				
		5	10	20	30	40
1897	28 591	[Bar extending to 28.591 on the scale]				
1898	29 230	[Bar extending to 29.230 on the scale]				
1899	30 499	[Bar extending to 30.499 on the scale]				
1900	31 768	[Bar extending to 31.768 on the scale]				
1901	32 453	[Bar extending to 32.453 on the scale]				
1902	33 390	[Bar extending to 33.390 on the scale]				
1903	34 453	[Bar extending to 34.453 on the scale]				
1904	35 552	[Bar extending to 35.552 on the scale]				
1905	36 115	[Bar extending to 36.115 on the scale]				
1906	37 260	[Bar extending to 37.260 on the scale]				
1907	38 657	[Bar extending to 38.657 on the scale]				
1908	39 984	[Bar extending to 39.984 on the scale]				
1909	41 231	[Bar extending to 41.231 on the scale]				



GRADE OF LICENSES HELD BY TEACHERS IN PUBLIC SCHOOLS 1909

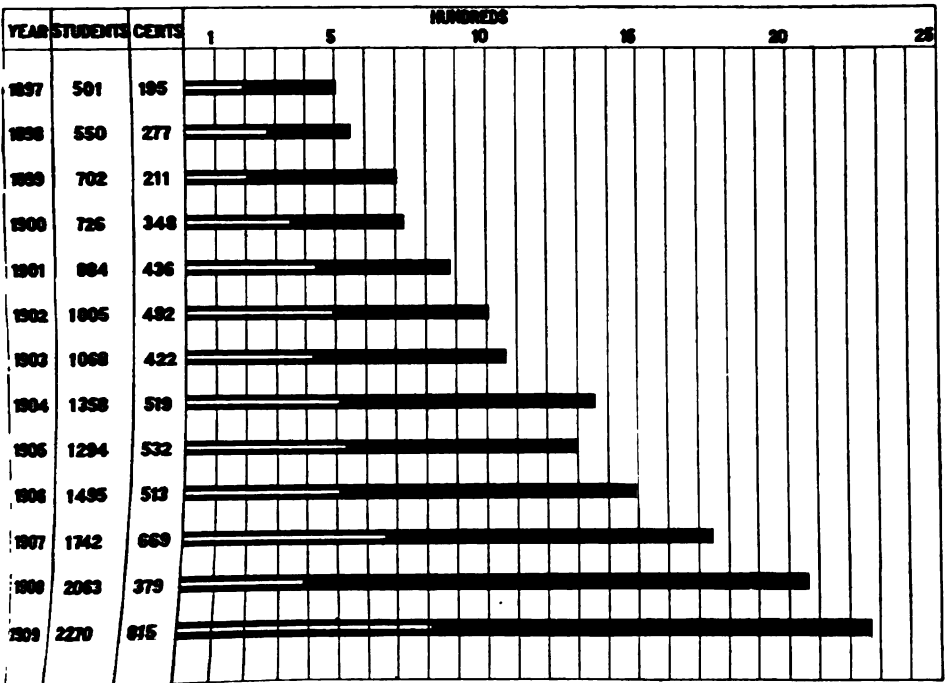


•SPECIAL	396
KINDERGARTEN	111
MUSIC	141
DRAWING	144



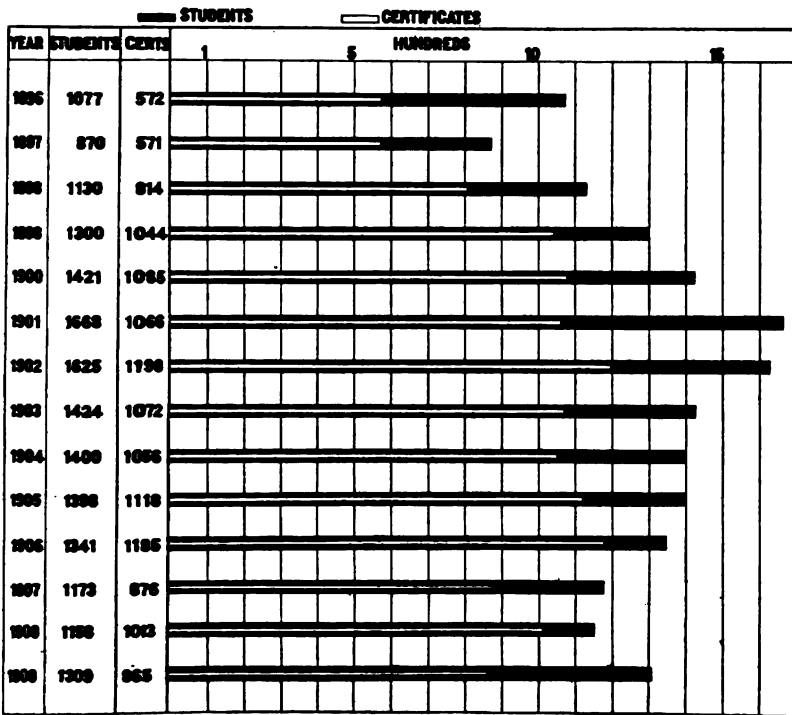
STUDENTS IN TRAINING SCHOOLS AND CERTIFICATES ISSUED

STUDENTS
 CERTIFICATES





STUDENTS IN TRAINING CLASSES AND CERTIFICATES ISSUED

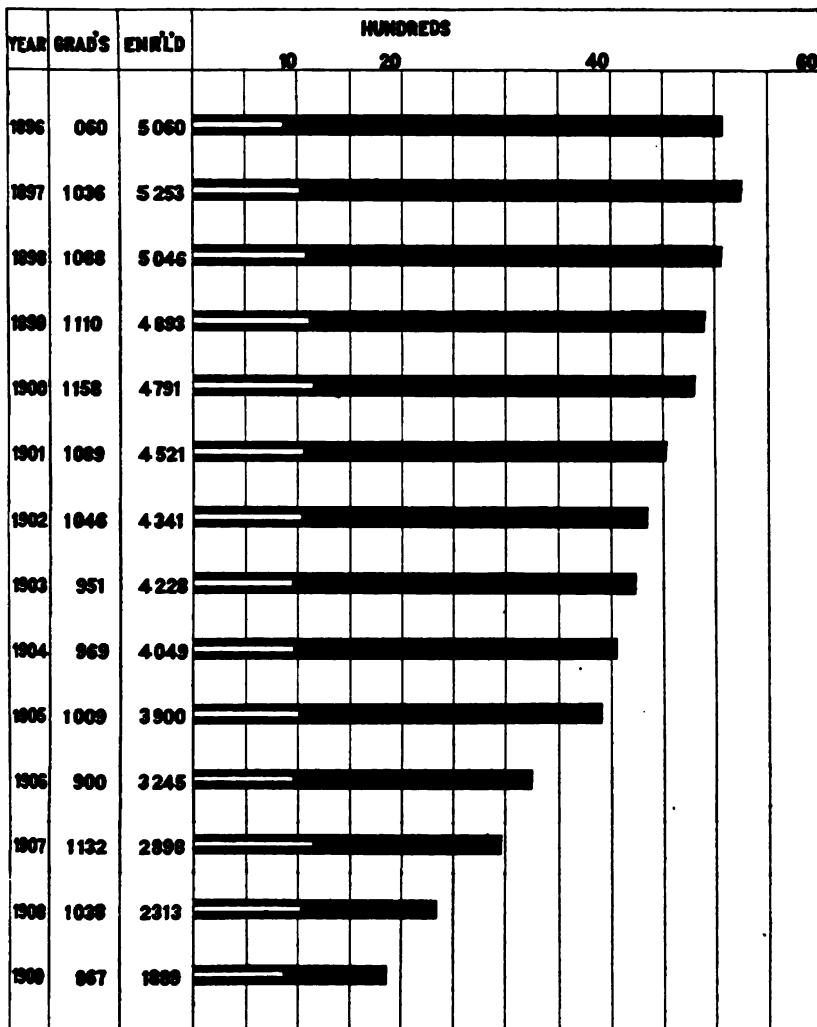




TOTAL ENROLLMENT IN NORMAL SCHOOLS & GRADUATES

NORMAL DEPARTMENT ONLY

GRADUATES
 ENROLLED



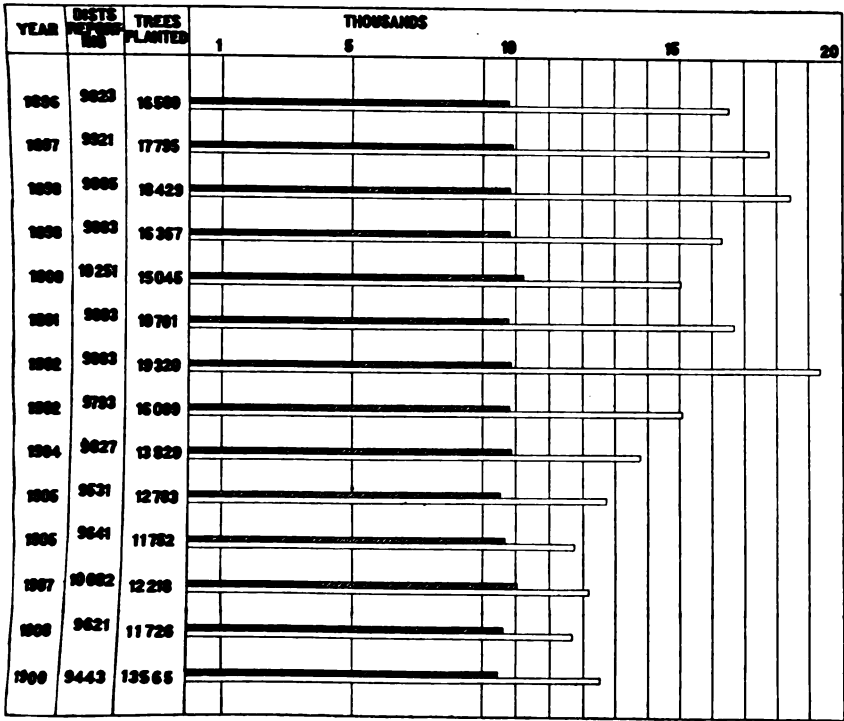
Figures for 1909 exclude State Normal College.



ARBOR DAY

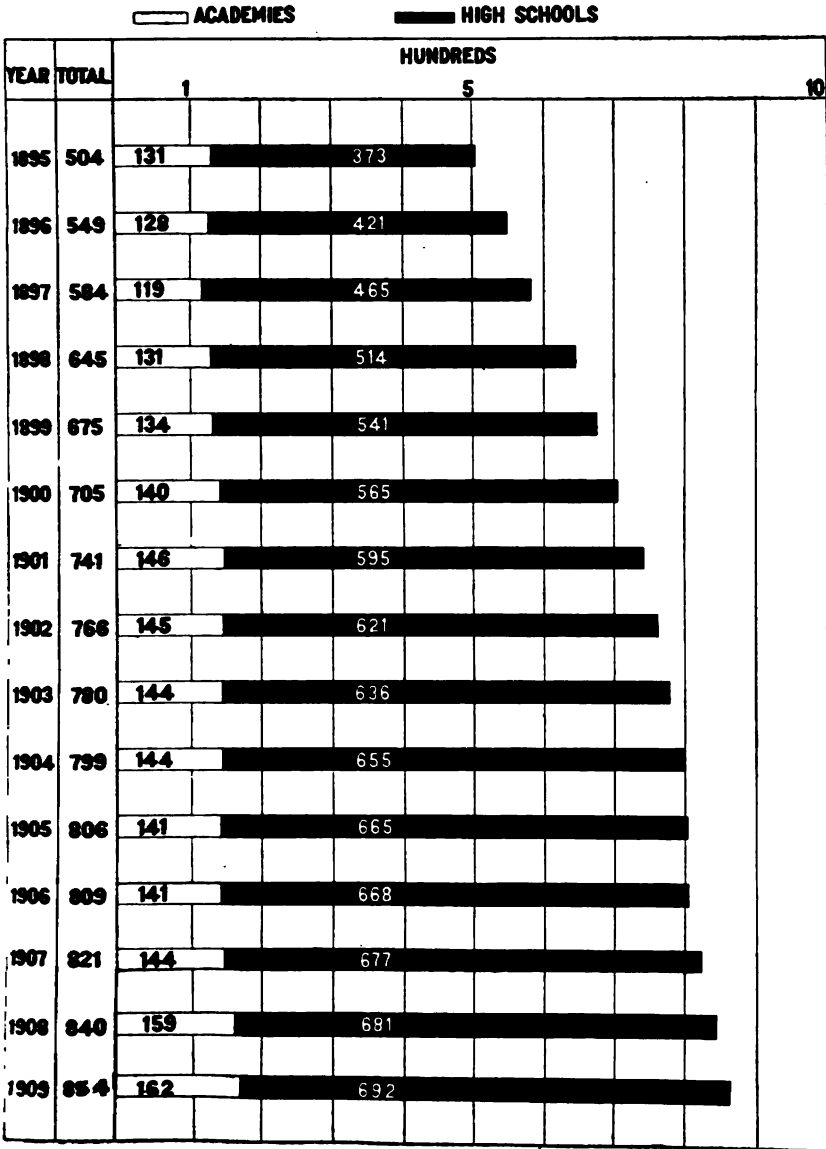
SCHOOL DISTRICTS REPORTING AND TREES PLANTED

———— DISTRICTS ———— TREES





NUMBER OF HIGH SCHOOLS AND ACADEMIES IN THE STATE





APPORTIONMENT OF ACADEMIC & LIBRARY FUND 1908

TOTAL APPORTIONMENT \$ 576362

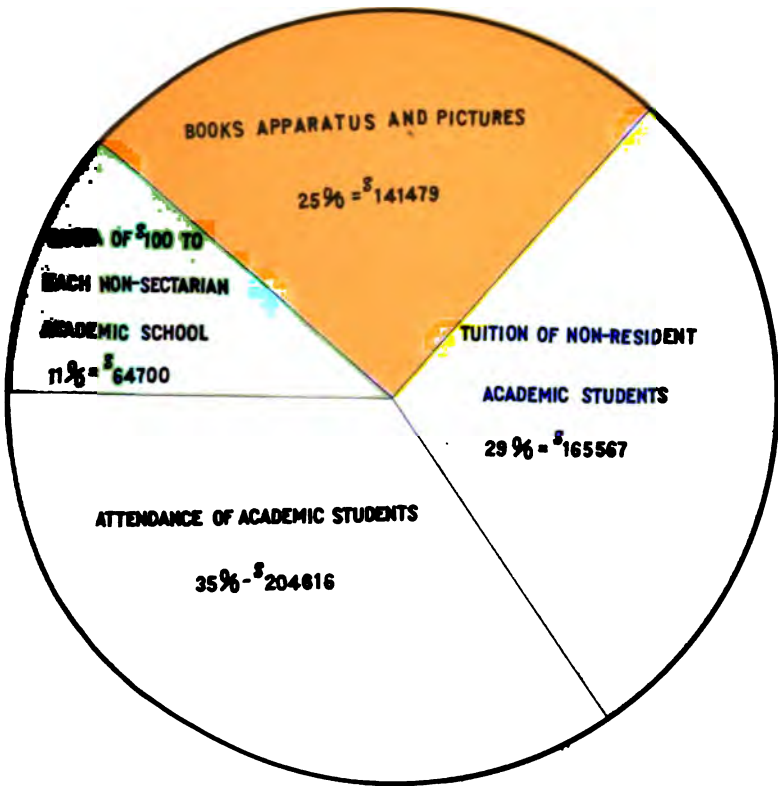




TABLE 16
School terms

TABLE 17
Number of school districts

YEAR	Average length of school term in the State by weeks	YEAR	Districts	Increase or decrease
1886	35.6	1886	11 262	+ 8
1887	35.8	1887	11 253	- 9
1888	35.3	1888	11 245	- 8
1889	35.4	1889	11 238	- 7
1890	35.7	1890	11 216	- 22
1891	35.3	1891	11 196	- 20
1892	35.5	1892	11 180	- 16
1893	35.8	1893	11 161	- 19
1894	35	1894	11 121	- 40
1895	35.1	1895	11 089	- 32
1896	35	1896	11 047	- 42
1897	34.8	1897	10 965	- 82
1898	35.2	1898	10 864	-101
1899	35.4	1899	10 823	- 41
1900	35	1900	10 719	- 22
1901	35.4	1901	10 741	- 50
1902	35.4	1902	10 690	- 51
1903	35.4	1903	10 683	- 7
1904	35.4	1904	10 651	- 32
1905	35.2	1905	10 625	- 26
1906	35.6	1906	10 626	+ 1
1907	35.4	1907	10 620	- 6
1908	35.4	1908	10 595	- 25
1909	35.4	1909	10 592	- 3

TABLE 18
Average value of schoolhouses and sites in the towns

YEAR	Value	Increase or decrease
1886	\$1 052 80	+\$14 12
1887	1 061 67	+ 8 87
1888	1 084 83	+ 23 16
1889	1 145 68	+ 60 75
1890	1 191 03	+ 45 45
1891	1 700 92	+508 89
1892	1 296 54	-404 38
1893	1 384 69	+ 88 05
1894	1 402 81	+ 18 22
1895	1 266 89	-135 92
1896	1 458 ..	+191 11
1897	1 463 22	+ 5 22
1898	1 438 83	- 24 49
1899	1 445 12	+ 6 29
1900	1 484 66	+ 39 54
1901	1 545 47	+ 60 81
1902	1 570 70	+ 25 23
1903	1 614 68	+ 43 88
1904	1 701 37	+ 86 79
1905	1 833 63	+132 26
1906	1 959 76	+126 13
1907	2 155 27	+195 51
1908	2 319 31	+164 04
1909	2 479 80	+150 99

TABLE 19
Normal schools

YEAR	Average attendance	Increase or decrease	Number of graduates	Increase or decrease	Total expenditures	Increase or decrease
1886	4 112	.....	264	.....	\$123 868	.....
1887	4 490	+ 378	288	+ 24	278 654	+ 385 786
1888	4 822	+ 132	426	+ 38	243 181	- 26 523
1889	4 835	+ 213	527	+ 111	272 581	+ 29 451
1890	5 271	+ 436	569	+ 32	332 313	+ 60 732
1891	5 706	+ 435	672	+ 103	316 126	- 16 187
1892	6 118	+ 412	982	+ 310	323 492	+ 7 366
1893	5 866	- 252	503	- 479	355 535	+ 32 042
1894	5 875	+ 9	594	+ 91	352 190	- 3 345
1895	6 990	+ 1 115	715	+ 121	458 608	+ 106 418
1896	7 521	+ 531	860	+ 145	481 825	+ 23 217
1897	7 939	+ 418	1 036	+ 176	353 264	- 128 561
1898	8 121	+ 182	1 088	+ 52	422 899	+ 69 025
1899	8 025	- 90	1 110	+ 22	367 486	- 53 403
1900	8 062	+ 67	1 166	+ 56	400 994	+ 33 508
1901	7 789	- 303	1 089	- 77	436 647	+ 35 653
1902	7 659	- 130	1 046	- 43	424 257	- 12 390
1903	7 331	- 328	951	- 95	404 021	- 20 236
1904	7 321	- 10	969	+ 18	460 403	+ 65 382
1905	7 173	- 148	1 009	+ 40	460 020	- 383
1906	6 753	- 420	900	- 109	523 299	+ 53 279
1907	6 718	- 35	1 132	+ 232	488 639	- 33 660
1908	5 998	- 720	1 038	- 94	815 399	+ 326 760
1909	a5 331	- 667	a967	- 171	a471 439	- 343 960

a This year's figures do not include data for New York State Normal College heretofore included.

TABLE 20 — ARBOR DAY

Number of school districts in the State reporting and number of trees planted

YEAR	Number of districts reporting	Number of trees planted
1890	8 106	27 067
1891	8 956	25 786
1892	8 809	20 622
1893	8 783	18 973
1894	9 057	16 534
1895	8 450	18 073
1896	9 823	16 556
1897	9 921	17 795
1898	9 885	18 439
1899	9 893	16 387
1900	10 251	15 045
1901	9 803	16 701
1902	9 598	19 330
1903	9 793	15 099
1904	9 827	13 839
1905	9 581	13 753
1906	9 641	11 732
1907	10 037	11 492
1908	9 621	11 726
1909	9 443	13 565
		331 537

Exhibit B

STATISTICAL TABLES GIVING APPORTIONMENT OF SCHOOL MONEY FROM THE FREE SCHOOL FUND, AND DATA BY COMMISSIONER DISTRICTS AND CITIES ON ELEMENTARY AND SECONDARY EDUCATION IN THE PUBLIC SCHOOLS OF THE STATE

- Table 1 Apportionment of school moneys
- Table 2 Buildings, property, library, teachers and census
- Table 3 Registration and attendance of pupils
- Table 4 Financial statement showing receipts and expenditures
- Table 5 Miscellaneous and compulsory education
- Table 6 Indian schools
- Table 7 Evening schools 1908-9
- Table 8 Bonded indebtedness

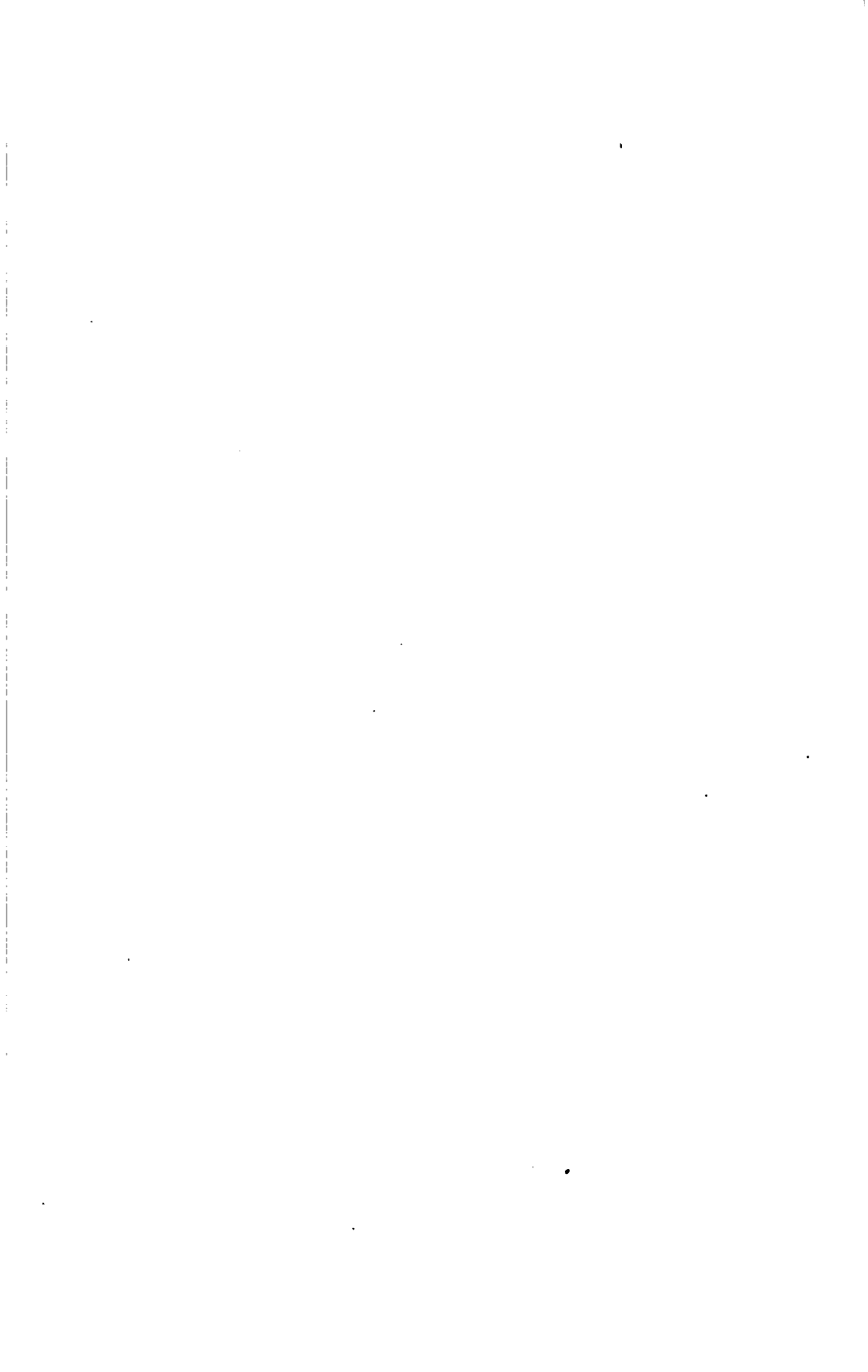


TABLE I
Apportionment of school moneys for the year 1909

COUNTY	NUMBER OF QUOTAS OF						APPORTIONMENT FOR TEACHERS' WAGES	SUPERVISION	TOTAL
	\$200 each	\$175 each	\$150 each	\$125 each	\$100 each	Partial			
Albany.....	9	36	22	77	52	1	.....	\$26 370 10	\$26 370 10
Allegany.....	24	105	53	65	145	.....	.....	53 600 ..	53 600 ..
Bronx.....	24	86	29	60	80	.....	.....	40 318 63	40 318 63
Cattaraugus.....	30	93	59	98	257	.....	.....	\$1 600 ..	70 908 95
Cayuga.....	1	30	71	118	58	.....	.....	.....	37 110 77
Chautauque.....	22	103	46	105	186	.....	.....	.....	61 050 50
Chemung.....	20	87	18	35	43	.....	.....	.....	21 870 83
Chenango.....	41	92	48	66	102	.....	.....	.....	51 839 34
Columbia.....	103	42	20	17	69	.....	.....	.....	40 319 ..
Cortland.....	3	24	30	93	60	.....	.....	.....	27 010 ..
Cowardin.....	29	51	26	33	40	.....	.....	.....	27 753 84
Delaware.....	118	128	53	43	120	.....	.....	.....	71 623 40
Delaware.....	118	128	53	43	125	.....	.....	.....	37 157 50
Dutchess.....	1	19	31	130	234	.....	.....	.....	58 450 ..
Essex.....	.....	32	45	184	.....	.....	.....	.....	38 129 ..
Franklin.....	72	38	21	32	98	.....	.....	.....	44 300 ..
Fulton.....	51	68	18	18	142	.....	.....	.....	18 609 ..
Genesee.....	34	28	18	104	105	.....	.....	.....	26 798 ..
Greene.....	38	44	19	16	174	.....	.....	.....	30 925 ..
Herkimer.....	4	8	14	19	16	.....	.....	.....	6 775 ..
Herkimer.....	16	44	42	75	145	.....	.....	.....	43 275 ..
Jefferson.....	16	78	95	154	154	.....	.....	.....	66 263 62
Livingston.....	65	74	33	33	56	.....	.....	.....	40 798 60
Madison.....	3	23	26	126	89	.....	.....	.....	32 425 ..
Madison.....	12	61	56	110	110	.....	.....	.....	41 214 61
Montgomery.....	1	11	9	189	129	.....	.....	.....	37 950 ..
Montgomery.....	1	11	21	76	64	.....	.....	.....	21 175 ..
Nassau.....	.....	.....	.....	.....	328	.....	.....	.....	40 100 ..
New York.....	.....	.....	.....	.....	.....	.....	.....	.....	2 400 ..
Niagara.....	5	5	17	134	101	.....	.....	.....	30 275 ..
Ontario.....	98	102	50	94	170	.....	.....	.....	75 050 ..
Ontario.....	5	18	50	170	211	.....	.....	.....	55 991 ..
Ontario.....	5	35	22	100	163	.....	.....	.....	43 051 ..
Orange.....	.....	19	33	191	208	.....	.....	.....	1 600 ..
Orange.....	.....	19	33	191	208	.....	.....	.....	43 450 ..
Oswego.....	58	96	21	107	86	.....	.....	.....	22 840 ..
Oswego.....	42	123	62	97	107	.....	.....	.....	53 169 35
Putnam.....	4	6	5	40	34	57 931 70
Putnam.....	4	6	5	40	34	11 150 ..

a Apportioned to New York City.

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aGlens Falls.....	1	79	8 025	800	8 825
Gloversville.....	1	36	8 725	800	9 525
bHornell.....	1	67	6 525	800	7 325
Hudson.....	1	133	13 425	800	14 225
Ithaca.....	1	47	4 825	800	5 625
Jamesstown.....	1	105	10 925	800	11 725
Kingston.....	1	36	3 725	800	4 525
Little Falls.....	1	88	8 925	800	9 725
Lockport.....	1	66	6 725	800	7 525
Middletown.....	1	151	15 225	800	16 025
Mount Vernon.....	1	109	11 025	800	11 825
Newburgh.....	1	136	13 625	800	14 425
New Rochelle.....	1	16 314	1 631 525	800	1 632 325
New York.....	1	140	14 125	800	14 925
Niagara Falls.....	1	52	5 325	800	6 125
Oranienburg.....	1	34	3 525	800	4 325
Olean.....	1	31	3 225	800	4 025
Oneida.....	1	90	9 125	800	9 925
Oswego.....	1	41	4 225	800	5 025
Plattsburgh.....	1	91	9 225	800	10 025
Port Jervis.....	1	48	4 925	800	5 725
Poughkeepsie.....	1	724	72 525	800	73 325
Rensselaer.....	1	57	5 825	800	6 625
Rochester.....	1	254	25 525	800	26 325
Rome.....	1	523	52 425	800	53 225
Schenectady.....	1	42	4 325	800	5 125
Syracuse.....	1	225	22 625	800	23 425
Tonawanda.....	1	298	29 925	800	30 725
Tully.....	2	139	14 150	800	14 950
Utica.....	1	55	5 625	800	6 425
Watertown.....	1	301	30 225	800	31 025
Watervliet.....	1	23 001	\$2 305 475	\$32 800	\$2 338 275
Yonkers.....	1	4 537	2 296 004 69	35 200	2 331 204 69
Total for cities.....	43	23 001	95	800	95 800
Total for counties.....	4 537	6 953	95	800	95 800
State.....	1 399	2 583	95	800	95 800
Indians.....	1 399	2 583	95	800	95 800
Contingent fund.....	1 399	2 583	95	800	95 800
Total for State.....	1 399	2 583	95	800	95 800

a Apportioned to New York city. b Included in the apportionment to Steuben county. c Included in the apportionment to Ontario county. d Included in the apportionment to Warren county. e Included in the apportionment to Niagara county. f Included in the apportionment to Cattaraugus county. g Included in the apportionment to Orange county.

TABLE 2—STATISTICS
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Albany co., 1st com'r dist.												
Elementary schools..	43	50	12	1	43	\$13 260	\$99 889	\$2 141	\$3 876	\$944	\$120 110	
Secondary schools..	2	2	2		2	2 500	15 540	866	920		19 826	
Total.....	43	50	14	1	44	15 760	115 429	3 007	4 796	944	139 936	
2d com'r dist.												
Elementary schools..	65	61	1	2	64	3 345	31 797	1 536	1 823	350	38 851	
Secondary schools..												
Total.....	65	61	1	2	64	3 345	31 797	1 536	1 823	350	38 851	
3d com'r dist.												
Elementary schools..	37	25	11	2	38	24 775	129 706	2 287	5 542	4 685	166 945	
Secondary schools..	1		1		1	400	5 650	675	850		7 575	
Total.....	37	25	11	2	38	25 175	135 356	2 962	6 392	4 685	174 520	
Allegany co., 1st com'r dist.												
Elementary schools..	130	128	3		131	13 063	107 583	6 131	7 635	725	135 137	
Secondary schools..	6	3	3		6	2 567	31 217	3 129	2 577	200	39 690	
Total.....	130	128	3		131	15 630	138 800	9 260	10 212	925	174 827	
2d com'r dist.												
Elementary schools..	116	107	11		118	19 790	197 735	7 787	6 840	1 350	233 402	
Secondary schools..	11	2	9		11	12 625	110 500	7 375	6 620	635	137 515	
Total.....	116	106	11		119	32 415	308 235	15 162	13 520	1 985	371 217	
Broome co., 1st com'r dist.												
Elementary schools..	106	105	1		106	10 070	73 555	3 561	6 090	607	93 853	
Secondary schools..	2	1	1		2	850	10 000	1 193	1 900	250	14 193	
Total.....	106	105	1		106	10 920	83 555	4 754	7 990	857	108 046	
2d com'r dist.												
Elementary schools..	97	94	5		99	21 370	155 310	3 325	4 857	910	185 772	
Secondary schools..	5	2	3		5	3 950	28 590	2 075	3 225	345	38 175	
Total.....	97	94	5		99	25 320	183 900	5 400	8 082	1 255	223 947	
Cattaraugus co., 1st com'r dist.												
Elementary schools..	114	110	7		117	15 275	145 025	4 428	9 504	1 785	176 017	
Secondary.....	6	1	5	1	7	3 600	50 500	3 008	4 011	200	70 314	
Total.....	114	110	7	1	118	18 875	204 525	7 431	18 515	1 985	246 331	
2d com'r dist.												
Elementary schools..	81	84	9		93	17 215	156 642	3 263	9 675	60	186 555	
Secondary schools..	6	2	4		6	8 200	29 588	4 200	4 428	50	46 466	
Total.....	81	84	9		93	25 415	186 230	7 463	14 103	110	233 321	
3d com'r dist.												
Elementary schools..	88	83	5		88	9 680	104 763	5 678	8 182	1 939	130 242	
Secondary schools..	6	2	4		6	2 510	30 916	5 572	5 188	121	44 307	
Total.....	88	83	5		88	12 190	135 679	11 250	13 370	2 060	174 549	
Cayuga co., 1st com'r dist.												
Elementary schools..	97	76	18	3	97	14 859	97 732	3 301	5 589	3 990	125 491	
Secondary schools..	5		5		5	3 266	27 800	2 838	2 343	275	36 522	
Total.....	97	76	18	3	97	18 125	125 532	6 139	7 932	4 265	162 013	
2d com'r dist.												
Elementary schools..	128	115	10	3	128	14 358	112 354	5 825	8 354	1 313	142 104	
Secondary schools..	3		3		3	917	13 865	2 889	1 840	135	19 146	
Total.....	128	115	10	3	128	15 275	125 719	8 714	10 194	1 348	161 250	
Chautauqua co., 1st com'r dist.												
Elementary schools..	90	86	4		90	10 680	100 845	2 432	7 515	594	122 067	
Secondary schools..	6	6			6	2 225	16 864	3 014	2 980	612	25 695	
Total.....	90	86	4		90	12 905	117 709	5 447	10 495	1 206	147 762	

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OF PUBLIC SCHOOLS
teachers and census

LIBRARY				TEACHERS											CENSUS				
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	Boys	Girls	Total
6 257	2 066	57				15	6	28	6					11	44	181			
978	120	6		1		5		2						3	5	197			
7 235	2 206	63		1		20	6	30	6					14	49	181	1 006	1 085	2
3 257	38	60	6	2		2	3	46	7					24	36	104			
3 257	38	60	6	2		2	3	46	7					24	36	104	399	368	
7 724	1 278	70 1/2				18	14	36		1		2		5	66	181			
900	200	2 1/2			1	1								1	1	197			
8 824	1 478	73			1	19	14	36		1		2		6	67	181	1 571	1 621	3
10 582	3 784	151 1/2	4			2	17	98			2			12	130	162			
2 922	65	16 1/2		1	3	10		2			1			6	11	194			
13 504	3 849	168	4	1	5	27	98	34			2	1		18	150	162	1 568	1 509	3
13 577	670	178	2		1	42	97	33		2	3			11	167	165			
7 373	663	41		4	12	14	1	1	2	1		8		17	26	195			
20 950	1 333	219	2	4	13	58	98	34	2	3	3	8		28	193	165	2 690	2 459	5
9 201	2 236	119	8		1	20	45	76	7					19	130	164			
3 097	207	8			2	2						4		3	5	193			
12 288	2 443	127	8		3	22	45	76	7			4		22	135	164	1 366	1 330	2
8 318	422	132 1/2	3	1		26	90	32	3	1	1			14	140	166			
3 351	90	14 1/2			4	5		1				4		5	9	198			
11 669	512	147	3	1	4	31	90	33	3	1	1	4		19	149	166	1 617	1 611	3
13 715	2 984	145 1/2			2	20	81	40				1		13	131	165			
5 790	255	18 1/2			5	12	1					2		8	12	195			
18 905	3 242	164			7	32	82	40				3		21	143	165	1 892	1 848	3
13 780	3 676	139 1/2	1		5	16	75	54	7	2	2			6	155	167			
5 809	329	18 1/2			3	12	1	2				1		6	18	198			
19 989	4 005	158	1		8	28	76	56	7	2	2	1		12	168	167	2 129	2 050	4
10 231	3 636	118 1/2	3			25	83	37	3	1	1		2	15	137	166			
6 760	779	16 1/2		1	4	11	1					1		7	11	197			
17 081	4 415	135	3	1	4	36	84	37	3	1	1	1	2	22	148	166	1 573	1 502	3
9 519	964	108 1/2	9		2	6	50	53	1					16	96	169			
2 728	342	11 1/2			2	8		1				1		5	8	197			
12 367	1 306	120	9	2	3	14	50	54	1			1		21	104	169	1 333	1 323	2
13 256	996	141 1/2	6		2	15	80	42	1					11	129	170			
1 865	126	7 1/2		1	4	3						1		3	6	199			
15 088	1 122	149	6	1	6	18	80	42	1			1		14	135	170	1 334	1 260	2
11 624	2 461	113 1/2		24	11	9	60	25	6					19	116	167			
3 129	90	18 1/2		3	3	11		3						7	13	197			
14 773	2 551	182		27	14	20	60	28	6					26	129	167	1 323	1 261	2

TABLE 2 (continued) — STATIS-
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stones	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Chautauque co., (cont'd)												
2d com'r dist.												
Elementary schools..	96		84	15	...	99	\$25 150	\$203 563	\$5 533	\$11 476	\$500	\$246 222
Secondary schools...	5		1	4	...	5	6 395	79 191	6 266	8 048	2 000	101 900
Total.....	96		84	15	...	99	31 545	282 754	11 799	19 524	2 500	348 122
3d com'r dist.												
Elementary schools..	91		84	7	...	91	18 202	122 995	3 941	8 089	868	149 095
Secondary schools...	8		5	3	...	8	3 083	39 172	3 005	3 266	242	48 868
Total.....	91		84	7	...	91	16 285	162 167	6 946	11 455	1 110	197 963
Chemung co.												
Elementary schools..	111		105	6	...	111	15 660	127 336	4 368	5 848	4 329	157 559
Secondary schools...	6		4	2	...	6	3 801	36 854	2 845	3 211	641	46 853
Total.....	111		105	6	...	111	18 961	164 190	7 231	9 059	4 970	204 411
Chemango co., 1st com'r dist.												
Elementary schools..	128		127	6	...	133	23 597	143 017	4 194	8 322	25 851	204 961
Secondary schools...	6		4	2	...	6	17 408	72 347	3 689	7 777	840	102 061
Total.....	128		127	6	...	133	41 005	215 364	7 883	16 099	26 691	307 042
2d com'r dist.												
Elementary schools..	127		122	5	...	127	11 543	117 257	5 977	8 446	4 149	147 372
Secondary schools...	7		3	4	...	7	3 167	41 328	3 218	4 797	3 017	55 527
Total.....	127		122	5	...	127	14 710	158 585	9 195	13 243	7 166	202 899
Clinton co., 1st com'r dist.												
Elementary schools..	74	3	68	9	4	84	6 940	65 497	2 896	6 513	1 509	83 245
Secondary schools...	3		2	1	...	3	550	5 750	908	1 887	607	9 762
Total.....	74	3	68	9	4	84	7 490	71 247	3 794	8 400	2 116	93 047
2d com'r dist.												
Elementary schools..	45	1	44	...	...	45	3 335	26 465	1 390	2 367	351	33 908
Secondary schools...	1		1	...	...	1	250	750	400	475	...	1 875
Total.....	45	1	44	...	...	45	3 585	27 215	1 790	2 842	351	35 783
3d com'r dist.												
Elementary schools..	67		54	12	2	68	8 178	72 645	2 003	4 463	5 275	92 564
Secondary schools...	4		4	...	...	4	1 013	21 312	1 724	2 934	100	27 063
Total.....	67		54	12	2	68	9 191	93 957	3 727	7 417	5 375	119 667
Columbia co., 1st com'r dist.												
Elementary schools..	70		67	4	...	71	18 662	83 635	2 393	5 855	1 412	106 457
Secondary schools...	1		...	1	...	1	600	3 000	175	250	850	4 875
Total.....	70		67	4	...	71	14 262	86 635	2 568	5 605	2 262	111 332
2d com'r dist.												
Elementary schools..	81		73	10	...	83	16 778	136 016	3 128	12 351	5 914	174 159
Secondary schools...	4		2	2	...	4	3 567	24 734	2 940	6 019	10 170	47 430
Total.....	81		73	10	...	83	20 345	160 752	6 068	18 370	16 084	221 619
Cortland co., 1st com'r dist.												
Elementary schools..	72		70	2	...	72	6 640	47 613	2 713	2 394	580	59 940
Secondary schools...	3		3	...	...	3	1 050	8 727	1 263	1 063	...	12 103
Total.....	72		70	2	...	72	7 690	56 340	3 976	3 457	580	72 043
2d com'r dist.												
Elementary schools..	73		70	3	...	73	7 420	76 311	2 257	2 785	1 076	89 851
Secondary schools...	2		2	...	...	2	1 250	21 334	1 957	1 995	350	26 866
Total.....	73		70	3	...	73	8 670	97 645	4 214	4 780	1 426	116 757
Delaware co., 1st com'r dist.												
Elementary schools..	180		177	4	1	182	23 540	178 994	6 951	9 463	1 055	215 023
Secondary schools...	5		2	2	1	5	4 967	52 667	5 203	6 900	700	70 837
Total.....	180		177	4	1	182	28 507	226 661	12 154	16 363	1 755	285 860

TICS OF PUBLIC SCHOOLS
teachers and census

LIBRARY				TEACHERS											CENSUS				
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
16 283	3 184	1633	2	1	1	68	83	30	1	1	2	17	169	171	171				
3 095	240	244	2	2	3	9	1	2	1	1	3	6	17	195	171				
24 282	3 553	188	2	3	5	77	84	32	1	1	3	2	25	186	171	2 964	2 799	5 763	
12 286	3 207	131		1		27	55	56	7		1	1	14	134	170				
3 163	498	17		1	2	12	1	1			2	2	8	11	199				
16 429	3 205	148		2	2	39	56	57	7		1	2	1	22	145	170	1 814	1 784	3 598
3 689	318	140	6		3	13	53	89		1	2		10	150	170				
3 825	175	11		2	2	4		2			2		5	5	194				
12 589	498	151	6	2	5	17	53	92		1	2	2	15	155	170	1 639	1 605	3 244	
14 549	3 755	1594	17			19	105	60	4			1	1	20	170	163			
11 067	734	213		4	6	6		2				6	6	18	192				
25 610	4 459	180	17	4	6	25	105	62	4			7	1	26	188	163	1 826	1 799	3 625
12 437	4 153	144	6	3	3	20	38	54	6		1		14	161	163				
6 139	116	17		3	3	3		1			5		7	11	197				
18 576	4 269	161	6	6	9	23	39	54	6		1	5	2	172	163	1 425	1 391	2 816	
10 774	3 253	1043			1	11	31	56	5				8	97	164				
2 194	55	64		1	2	3		1					4	3	195				
12 965	3 311	111		3	3	14	32	56	5				12	100	164	1 886	1 870	3 756	
4 382	1 015	53				5	37	19	6				6	61	162				
500	2	2			1	1							1	1	205				
4 822	1 015	55			1	6	37	19	6				7	62	162	890	848	1 738	
6 832	1 567	813	2			13	33	39	5				2	88	162				
3 269	23	73		1		4		2				1	4	4	197				
10 107	1 590	89	2	1		17	33	39	7			1	6	92	162	1 609	1 499	3 108	
10 412	1 797	843	1	2	1	11	17	49	5				15	67	179				
522	50	11		1		1							1	67	195				
10 936	1 847	86	1	3	1	11	17	49	5				19	67	179	1 208	1 167	2 370	
17 967	2 228	113		1		15	8	77	10				14	97	176				
7 190	327	11		7		6							4	9	196				
25 147	3 855	124		1	7	21	8	77	10				18	106	176	1 729	1 692	3 421	
3 249	418	813	4	1	1	21	29	55	9				12	103	164				
1 070	11	72			1	4						2	3	4	194				
4 339	429	89	4	1	2	25	29	55	9			2	10	107	164	846	865	1 711	
9 817	263	77	8	1		16	26	32	3				17	59	162				
3 304	31	6		4		2		1					1	6	192				
12 121	294	83	8	1	4	18	22	34	3				18	65	162	858	811	1 669	
13 442	1 694	2213	6			29	94	102	12		2		45	195	163				
3 370	263	231		3	10	5		1				6	6	19	192				
21 512	1 957	245	6	3	10	24	94	103	12		2	6	51	214	163	2 313	2 266	4 579	

TABLE 2 (continued) — STATIS-
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS				PROPERTY					Total value of school property	
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library		Value of all other property
Delaware co., (continued)												
2d com'r dist.												
Elementary schools...	167	166	1	...	167	\$20 670	\$134 732	\$5 662	\$7 020	\$622	\$168 713	
Secondary schools...	7	6	1	...	7	9 175	45 033	3 186	7 351	350	65 065	
Total	167	166	1	...	167	29 845	179 765	8 848	14 371	979	233 806	
Dutchess co., 1st com'r dist.												
Elementary schools...	94	89	8	...	97	23 314	264 341	4 512	6 578	1 029	304 774	
Secondary schools...	6	2	4	...	6	5 561	64 286	3 253	3 608	384	77 042	
Total	94	89	8	...	97	33 875	328 627	7 765	10 186	1 363	381 816	
2d com'r dist.												
Elementary schools...	99	81	13	...	94	20 412	189 509	4 519	8 326	2 705	205 471	
Secondary schools...	8	4	4	...	8	3 083	31 299	3 445	3 947	1 300	43 074	
Total	99	81	13	...	94	23 495	200 808	7 964	12 273	4 005	248 545	
Eric co., 1st com'r dist.												
Elementary schools...	92	74	25	6	105	35 170	275 302	7 319	10 514	17 563	345 869	
Secondary schools...	9	3	5	1	9	7 950	54 086	6 052	5 407	15 330	88 775	
Total	92	74	25	6	105	43 120	329 388	13 371	15 921	32 893	434 643	
2d com'r dist.												
Elementary schools...	95	85	11	...	96	29 167	180 730	4 295	10 725	2 186	237 103	
Secondary schools...	7	4	3	...	7	5 003	42 073	6 097	7 675	50	60 886	
Total	95	85	11	...	96	34 170	222 803	10 392	18 400	2 236	298 001	
3d com'r dist.												
Elementary schools...	83	81	2	...	83	13 553	107 248	3 959	6 162	5 830	126 753	
Secondary schools...	5	3	2	...	5	5 738	47 362	2 837	3 270	5 625	64 732	
Total	83	81	2	...	83	19 291	154 610	6 796	9 432	11 355	201 484	
Essex co., 1st com'r dist.												
Elementary schools...	85	79	8	1	88	7 583	88 332	3 546	5 453	850	105 764	
Secondary schools...	6	3	3	...	6	2 857	22 947	1 977	3 133	166	31 090	
Total	85	79	8	1	88	10 440	111 279	5 523	8 586	1 016	136 844	
2d com'r dist.												
Elementary schools...	79	75	9	3	87	11 285	118 331	3 324	5 075	755	128 770	
Secondary schools...	6	3	2	1	6	6 485	79 200	2 570	3 935	900	93 090	
Total	79	75	9	3	87	17 770	197 531	5 894	9 010	1 655	231 866	
Franklin co., 1st com'r dist.												
Elementary schools...	94	102	4	1	111	36 728	188 352	6 182	9 038	1 080	241 380	
Secondary schools...	3	2	1	...	3	15 387	47 903	3 150	7 280	.....	73 707
Total	94	102	5	1	112	52 115	236 255	9 332	16 298	1 080	315 087	
2d com'r dist.												
Elementary schools...	83	86	3	1	90	9 700	86 745	2 648	4 607	425	104 125	
Secondary schools...	8	7	1	...	8	2 250	30 185	4 212	4 415	250	41 315	
Total	83	86	3	1	90	11 950	116 930	6 860	9 022	675	145 440	
Fulton co.												
Elementary schools...	99	97	2	...	99	6 690	67 469	2 511	3 634	130	80 454	
Secondary schools...	3	1	2	...	3	485	5 573	600	1 428	.....	8 076
Total	99	97	2	...	99	7 175	73 042	3 111	5 062	130	88 530	
Genesee co.												
Elementary schools...	124	113	11	9	133	47 566	298 746	7 133	13 532	39 223	406 200	
Secondary schools...	11	7	1	3	11	29 686	119 806	5 050	18 187	25 120	198 399	
Total	124	113	11	10	134	77 252	418 552	12 783	31 669	64 343	604 599	

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY				TEACHERS													CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	Boys	Girls	Total	
12 687	244	193	5	5		16	101	85	6		2	2		38	179	165				
8 595	393	211		1	7	6	1	1	1		6			8	15	192				
21 282	637	215	5	6	7	22	102	86	7		2	8		46	194	165	1 943	1 762	3 705	
12 140	398	150				2	41	25	76			1	2	1	13	136	179			
4 737	322	17		1	3	9		3	3	1		1		6	12	196				
16 877	720	167		1	5	50	25	79	1	1	1	3	1	19	148	179	2 793	2 640	5 433	
13 790	1 361	130		3	3	16	27	72	8			2		18	113	182				
4 002	224	17		2	4	5		2				5		9	9	194				
17 792	1 585	148		5	7	21	27	74	8			7		27	122	183	2 531	2 492	5 023	
13 948	1 007	159	1	4	1	66	42	49						15	147	183				
5 630	173	21		1	1	18		1						7	14	199				
19 588	1 840	180	1	5	2	84	42	50						22	161	183	3 988	3 897	7 885	
13 580	1 639	144		1	3	56	61	35		1	2		1	16	144	171				
8 244	323	23		1	12	10		2		1		2		8	20	199				
21 824	1 972	168		2	15	66	61	37		2	2	2	1	24	164	171	3 022	3 091	6 113	
8 755	1 917	107	1		1	15	72	12	3					9	94	167				
4 283	183	13			5	7		4				2		6	12	196				
13 040	2 100	121	1		6	22	72	16	3			2		15	106	167	1 765	1 665	3 430	
9 411	3 056	117		1		20	49	58	4				3	21	114	162				
3 644	476	11		2	8			1	1			1		8	5	194				
13 055	3 532	128		3	8	20	49	59	5			1	3	29	119	162	1 557	1 493	3 050	
5 906	2 783	125	2			19	56	60	3	1	3			9	134	166				
3 061	80	16		2	3	6		5				2		8	10	194				
11 967	2 863	142	2	2	3	25	56	65	3	1	3	2		17	144	166	1 958	1 702	3 750	
14 122	2 806	163		2	4	37	120	31	5		3		4	16	190	162				
6 969	100	19		3	4	7		2	1		3			6	14	196				
21 031	2 906	183		5	8	44	120	33	6		3	3	4	22	204	162	2 948	2 958	5 906	
7 478	1 203	124				20	76	27			1			7	117	162				
5 710	289	19			5	5	2	2	1			5		9	11	193				
13 188	1 492	144			5	25	78	29	1		1	5		16	128	162	2 326	2 316	4 642	
6 186	709	111	3	1	2	11	78	41						16	117	166				
1 530	123	4		1	3	1		1						4	2	199				
7 716	832	116	3	1	3	14	79	42						20	119	166	1 404	1 441	2 845	
21 119	5 184	194	4		2	82	38	72			1			17	177	176				
17 935	821	32		3	8	15				1		6		12	21	194				
39 054	6 005	227	4	3	10	97	38	72		1	1	6		29	198	176	3 551	3 560	7 111	

TABLE 2 (continued) — STATIS—
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS				PROPERTY						
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Greene co., 1st com'r dist.	72	67	6	3	76	\$27 270	\$196 965	\$3 171	\$5 744	\$1 062	\$234 212	
Elementary schools	5	2	2	1	5	3 500	47 090	2 172	3 454	100	55 316	
Secondary schools	72	67	6	3	76	30 770	244 055	5 343	8 198	1 162	289 623	
2d com'r dist.	72	67	4	2	73	5 110	66 380	1 270	3 255	265	76 280	
Elementary schools	3	2	1	...	3	2 100	8 000	1 472	1 300	.....	13 472
Secondary schools	72	67	4	2	73	7 210	74 980	2 742	4 555	265	89 752	
Total	72	67	4	2	73	7 210	74 980	2 742	4 555	265	89 752	
Hamilton co.	35	40	.....	.....	40	4 410	40 040	1 743	3 083	.....	49 276
Elementary schools	3	3	.....	.....	3	800	6 556	757	1 242	.....	9 255
Secondary schools	35	40	.....	.....	40	5 210	46 586	2 500	4 325	.....	58 631
Total	35	40	.....	.....	40	5 210	46 586	2 500	4 325	.....	58 631
Herkimer co., 1st com'r dist.	89	86	7	2	95	26 975	207 153	4 048	7 403	2 173	247 752	
Elementary schools	5	4	1	.....	5	7 676	41 243	2 835	3 391	.....	55 145
Secondary schools	89	86	7	2	95	34 651	248 396	6 883	10 794	2 173	302 597	
Total	89	86	7	2	95	34 651	248 396	6 883	10 794	2 173	302 597	
2d com'r dist.	94	78	13	7	98	28 560	186 519	3 677	8 157	620	222 542	
Elementary schools	3	.....	3	.....	3	3 466	30 527	3 276	3 339	.....	40 608
Secondary schools	94	78	13	7	98	27 035	217 046	6 953	11 496	620	263 150	
Total	94	78	13	7	98	27 035	217 046	6 953	11 496	620	263 150	
Jefferson co., 1st com'r dist.	111	99	2	10	111	10 593	96 017	4 248	7 681	2 209	120 746	
Elementary schools	3	1	2	.....	3	909	13 921	1 285	1 561	.....	18 134
Secondary schools	111	99	2	10	111	11 502	109 938	5 533	9 242	2 667	138 682	
Total	111	99	2	10	111	11 502	109 938	5 533	9 242	2 667	138 682	
2d com'r dist.	114	103	3	7	113	17 143	194 220	3 700	5 585	495	221 143	
Elementary schools	10	3	3	4	10	7 337	91 260	5 282	5 110	175	109 104	
Secondary schools	114	103	4	7	114	24 480	285 420	8 982	10 695	670	330 247	
Total	114	103	4	7	114	24 480	285 420	8 982	10 695	670	330 247	
3d com'r dist.	123	106	4	14	124	13 670	146 483	5 139	7 188	445	172 925	
Elementary schools	9	4	4	1	9	4 500	37 050	3 248	4 378	290	49 466	
Secondary schools	123	106	5	14	125	18 170	183 533	8 387	11 566	735	222 391	
Total	123	106	5	14	125	18 170	183 533	8 387	11 566	735	222 391	
Lewis co., 1st com'r dist.	98	96	2	.....	98	6 422	55 665	3 077	5 801	360	71 325
Elementary schools	4	3	.....	.....	4	738	6 790	1 228	2 355	167	11 278
Secondary schools	98	96	2	.....	98	7 160	62 455	4 305	8 156	527	83 603
Total	98	96	2	.....	98	7 160	62 455	4 305	8 156	527	83 603
2d com'r dist.	110	103	5	2	110	13 528	85 428	3 612	6 800	130	109 498	
Elementary schools	2	1	1	.....	2	517	6 267	612	959	.....	8 355
Secondary schools	110	103	5	2	110	14 045	91 695	4 224	7 759	130	117 853	
Total	110	103	5	2	110	14 045	91 695	4 224	7 759	130	117 853	
Livingston co., 1st com'r dist.	88	78	7	3	88	24 410	171 577	4 610	8 815	3 196	213 608	
Elementary schools	6	2	4	.....	6	7 330	50 071	4 640	3 335	700	66 076
Secondary schools	88	78	7	3	88	31 740	221 648	9 280	12 150	3 896	278 684	
Total	88	78	7	3	88	31 740	221 648	9 280	12 150	3 896	278 684	
2d com'r dist.	87	83	4	.....	87	11 722	85 920	2 678	5 051	1 680	107 051
Elementary schools	5	3	3	.....	5	2 690	22 560	2 120	2 548	150	30 086
Secondary schools	87	83	4	.....	87	14 412	108 480	4 798	7 599	1 830	137 119
Total	87	83	4	.....	87	14 412	108 480	4 798	7 599	1 830	137 119

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY				TEACHERS														CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts co-operating	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908				
																	Boys	Girls	Total		
11 240	2 076	1004	1	4	4	19	15	69	9	1	2	33	86	170							
3 435	161	123	1	7	4	5	5	71	9	1	1	5	10	192							
14 675	2 237	123	1	7	4	24	16	71	9	1	3	38	96	170	1 824	1 856	3 680				
6 839	1 756	814	6	1	1	9	5	69	6	1	2	18	73	167							
1 150	106	84	1	3	3	3	3	3	3	1	1	3	6	197							
7 989	1 756	90	6	1	4	12	5	71	6	1	1	21	79	167	1 112	999	2 111				
5 126	1 244	474	1	1	1	10	14	21	1	1	1	7	38	170							
1 227	106	44	1	1	1	6	6	1	1	1	1	3	4	195							
6 373	1 360	52	1	1	1	16	14	22	1	1	1	10	42	170	497	509	1 006				
11 782	2 048	1464	4	1	1	42	45	69	10	1	1	20	158	171							
3 530	117	144	1	1	1	6	6	6	1	1	2	5	11	193							
15 312	2 765	161	4	1	9	48	45	69	16	1	2	25	169	171	1 979	2 006	3 985				
13 318	2 406	1384	5	4	2	35	54	46	6	1	3	9	136	169							
2 745	189	194	1	4	2	6	6	6	1	1	9	8	14	195							
16 063	2 545	158	5	4	2	41	54	46	6	2	9	17	150	169	1 965	1 884	3 849				
12 608	4 286	1224	10	1	2	6	80	49	2	1	1	19	122	163							
1 656	204	64	2	1	1	1	1	1	1	1	2	4	3	194							
14 284	4 490	129	10	3	3	7	80	50	2	1	3	23	125	163	1 204	1 193	2 397				
9 199	994	1554	9	2	1	21	70	57	1	1	2	13	140	165							
6 653	929	274	3	5	9	3	3	1	1	1	9	9	21	194							
15 852	1 923	183	9	5	6	30	73	58	1	2	9	22	161	165	2 087	2 051	4 138				
11 263	3 371	154	3	3	2	11	96	75	2	1	1	26	164	165							
5 082	119	19	2	2	3	7	7	4	1	1	7	11	12	196							
16 345	3 490	173	3	5	5	18	96	79	2	1	8	37	176	165	1 979	1 886	3 865				
10 373	2 578	1074	1	3	3	15	63	47	2	1	1	9	121	159							
2 482	118	74	1	2	5	6	6	1	1	1	2	4	5	197							
12 865	2 686	115	1	5	5	20	63	48	3	1	1	13	126	169	1 041	984	2 025				
15 327	221	129	5	2	9	9	69	48	1	1	1	11	119	165							
2 800	25	10	1	5	4	1	1	1	1	1	1	4	6	198							
17 837	256	130	5	2	5	13	69	49	1	1	1	15	125	165	1 588	1 608	3 196				
13 267	3 500	124	3	3	63	24	30	2	1	1	1	14	108	163							
3 394	130	20	3	3	14	14	14	2	1	1	3	6	16	193							
16 761	3 690	144	6	6	77	24	32	2	1	1	3	20	124	165	2 271	2 067	4 338				
7 494	1 753	1074	3	2	28	60	14	2	1	1	2	9	96	162							
4 823	51	154	1	1	5	7	7	1	1	1	2	6	10	193							
12 388	1 804	123	3	3	35	60	14	2	2	2	2	15	106	162	1 440	1 444	2 884				

TABLE 2 (continued) — STATIS—
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS				PROPERTY						
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Madison co., 1st com'r dist.												
Elementary schools...	115	110	3	2	115	\$10 253	\$102 559	\$3 789	\$4 949	\$1 689	\$123 239	
Secondary schools...	12	9	3		12	3 627	41 456	3 494	5 144	50	53 771	
Total	115	110	3	2	115	13 880	144 015	7 283	10 093	1 739	177 010	
2d com'r dist.												
Elementary schools...	84	79	6	1	86	12 690	122 440	3 492	7 291	1 125	147 036	
Secondary schools...	5	4	1		5	3 700	32 616	2 994	4 381		43 691	
Total	84	79	6	1	86	16 390	155 056	6 486	11 672	1 125	190 729	
Monroe co., 1st com'r dist.												
Elementary schools...	90	57	28	5	90	30 797	207 169	4 640	7 156	3 226	252 088	
Secondary schools...	8		8		8	4 533	56 445	3 251	3 778	1 310	69 315	
Total	90	57	28	5	90	35 330	263 614	7 891	10 932	4 536	322 303	
2d com'r dist.												
Elementary schools...	110	72	26	12	110	29 850	235 757	4 318	9 477	564	279 666	
Secondary schools...	5	2	3		5	5 400	46 146	5 637	2 914		60 997	
Total	110	72	26	12	110	35 250	281 903	9 955	12 391	564	340 663	
Montgomery co.												
Elementary schools...	109	90	13	5	108	20 477	179 118	4 563	8 397	1 974	214 529	
Secondary schools...	6		4	2	6	4 283	45 567	3 044	6 231		59 125	
Total	109	90	14	5	109	24 760	224 685	7 607	14 628	1 974	273 654	
Nassau co.												
Elementary schools...	60	60	14		74	193 770	1 019 585	12 088	18 456	14 915	1 268 814	
Secondary schools...	19	14	5		19	69 330	216 065	13 209	12 745	4 180	315 529	
Total	60	60	14		74	263 100	1 235 650	25 297	31 201	19 095	1 574 343	
Niagara co., 1st com'r dist.												
Elementary schools...	66	45	13	8	66	12 275	85 650	3 094	4 435	1 740	107 194	
Secondary schools...	1		1		1	350	5 000	350	150		5 850	
Total	66	45	13	8	66	12 625	90 650	3 444	4 585	1 740	113 044	
2d com'r dist.												
Elementary schools...	89	61	24	7	92	25 140	115 275	3 655	6 602	3 035	153 707	
Secondary schools...	3		3		3	2 025	12 475	943	2 325	560	18 328	
Total	89	61	24	7	92	27 165	127 750	4 598	8 927	3 595	172 035	
Oneida co., 1st com'r dist.												
Elementary schools...	54	49	4	1	54	12 450	87 845	2 857	4 902	1 146	109 200	
Secondary schools...	5	2	3		5	2 260	17 700	2 081	3 305	200	25 546	
Total	54	49	4	1	54	14 710	105 545	4 938	8 207	1 346	134 746	
2d com'r dist.												
Elementary schools...	94	81	8	6	95	12 670	110 710	5 354	7 652	4 087	140 473	
Secondary schools...	9	4	4	1	9	4 729	40 341	3 769	5 270	450	54 559	
Total	94	81	8	6	95	17 399	151 051	9 123	12 922	4 537	195 032	
3d com'r dist.												
Elementary schools...	83	80	3		83	8 135	80 418	3 602	4 833	495	97 543	
Secondary schools...	2	1	1		2	800	8 167	1 261	1 290	30	11 548	
Total	83	80	3		83	8 935	88 585	4 863	6 123	525	109 091	
4th com'r dist.												
Elementary schools...	126	123	1	2	126	9 900	84 142	4 710	5 921	3 501	108 174	
Secondary schools...	4	3	1		4	1 275	13 750	1 771	2 629		19 425	
Total	126	123	1	2	126	11 175	97 892	6 481	8 550	3 501	127 599	

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY			TEACHERS													CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	Slate certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	Boys	Girls	Total
6 996	311	1191	27	2	1	22	54	51	6	1	1	13	123	165	165				
8 528	162	242	2	2	5	11	2	2	2	2	2	12	15	191	191				
13 326	473	144	27	2	6	33	56	54	7	1	3	25	138	165	165	1 332	1 303	2 635	
11 734	2 735	1261	6	1	9	14	50	46	4	1	1	12	114	170	170				
7 174	198	122	2	2	3	5	1	1	1	1	1	5	8	194	194				
18 908	2 933	139	6	3	12	19	51	47	4	1	1	17	122	170	170	1 551	1 551	3 102	
11 322	325	1433			4	48	64	25	1	1	1	9	134	178	178				
3 722	464	202			3	10	1	3	3	5	6	6	15	193	193				
15 054	989	164			7	58	64	28	1	1	5	15	149	178	178	2 973	2 780	5 753	
14 164	3 215	153	2	1	2	6	34	30	3	2	7	13	140	175	175				
3 144	118	16	1	2	2	6	3	3	3	2	7	6	10	198	198				
17 308	3 436	169	2	1	1	90	34	30	3	2	7	19	150	175	175	3 197	3 005	6 202	
15 694	1 757	1561		4	3	31	65	58	6	2	1	38	134	176	176				
8 453	258	184		4	6	4	6	6	6	2	10	8	12	196	196				
34 177	2 115	175		4	9	35	65	58	6	2	11	46	146	176	176	2 348	2 249	4 597	
38 149	1 873	3534		4	10	269	23	67	7	4	2	30	371	187	187				
13 094	774	654		3	25	25	23	4	1	1	11	19	52	192	192				
41 243	2 647	419		7	35	294	23	71	8	5	2	49	423	187	187	8 997	8 653	17 650	
8 358	755	74		3	6	34	32	32	1			9	67	175	175				
506		4			4							1	3	200	200				
8 858	755	78		3	10	34	32	32	1			10	70	175	175	1 287	1 280	2 567	
11 650	912	1134				14	66	32	1			7	106	174	174				
2 470	1	54			1	3	1	1			1	1	5	196	196				
14 120	913	119			1	17	66	33	1		1	8	111	174	174	1 982	1 877	3 859	
7 082	1 703	85	2	1	18	14	55	3	3	1	4	4	88	173	173				
4 323	239	112		1	6	6	1	1			4	5	8	199	199				
11 615	1 942	97	2	2	24	14	56	3	3	1	4	9	96	173	173	1 520	1 452	2 972	
11 797	3 161	1284	10	3	6	15	98	3	1	1		13	114	166	166				
6 503	172	221		2	8	4	2	2			9	11	14	191	191				
18 330	3 333	151	10	5	8	10	15	100	3	1	1	24	128	166	166	1 864	1 727	3 591	
7 862	2 375	98			1	7	38	57	11	1		18	97	164	164				
2 149	11	8			1	4			1		3	3	6	192	192				
10 011	2 386	106		2	11	38	57	12	1	3		21	103	164	164	1 149	1 189	2 338	
7 916	149	1442	7	1	2	7	44	86	3	1		12	132	165	165				
2 247	51	101			5	3					4	4	8	195	195				
11 193	200	155	7	1	7	10	44	86	3	1	4	16	140	165	165	1 312	1 313	2 625	

TABLE 2 (continued) — STATIS—
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouses	Value of apparatus	Value of library	Value of all other property	Total value of school property
Onondaga co., 1st com'r dist.												
Elementary schools . . .	78	63	17	...	80	\$18 680	\$139 550	\$3 580	\$6 319	\$1 702	\$169 891	
Secondary schools . . .	8	8	8	...	8	7 305	42 000	4 783	5 404	1 267	61 339	
Total	78	63	17	...	80	25 985	182 150	8 363	11 723	3 029	231 230	
2d com'r dist.												
Elementary schools . . .	85	71	12	6	89	19 850	153 232	1 863	6 900	250	181 595	
Secondary schools . . .	5	5	5	...	5	8 600	47 788	4 967	3 800	1 800	67 035	
Total	85	71	12	6	89	27 950	201 000	6 830	10 800	2 050	248 630	
3d com'r dist.												
Elementary schools . . .	92	78	10	9	92	18 420	183 797	4 065	10 058	2 634	218 974	
Secondary schools . . .	7	2	4	1	7	5 150	61 500	5 167	4 894	500	77 211	
Total	92	78	10	9	92	23 570	245 297	9 232	14 952	3 134	296 185	
Ontario co., 1st com'r dist.												
Elementary schools . . .	88	58	24	6	88	16 069	130 050	4 375	6 969	4 489	162 112	
Secondary schools . . .	4	4	4	...	4	1 616	22 721	2 336	3 019	...	29 682	
Total	88	58	24	6	88	17 685	152 771	6 711	9 988	4 649	191 804	
2d com'r dist.												
Elementary schools . . .	105	99	9	4	112	24 900	232 041	4 216	9 296	1 218	271 671	
Secondary schools . . .	5	2	3	...	5	18 200	132 444	8 219	12 799	11 219	182 861	
Total	105	99	10	4	113	43 100	364 485	12 435	22 095	12 437	454 532	
Orange co., 1st com'r dist.												
Elementary schools . . .	75	49	19	7	75	29 570	222 577	5 767	7 368	3 036	268 318	
Secondary schools . . .	8	2	6	...	8	7 400	67 973	3 286	3 102	1 899	83 660	
Total	75	49	19	7	75	36 970	290 550	9 053	10 470	4 935	351 978	
2d com'r dist.												
Elementary schools . . .	94	69	18	9	96	24 377	219 995	3 256	9 521	20 533	277 682	
Secondary schools . . .	6	1	5	...	6	4 273	46 855	3 789	4 090	4 570	63 577	
Total	94	69	18	9	96	28 650	266 850	7 045	13 611	25 103	341 259	
Orleans co.												
Elementary schools . . .	124	98	15	21	129	43 445	235 957	4 853	9 432	13 650	307 337	
Secondary schools . . .	6	1	3	2	6	10 380	90 763	3 776	4 810	2 009	111 729	
Total	124	98	15	22	130	53 825	326 720	8 629	14 242	15 659	419 066	
Oswego co., 1st com'r dist.												
Elementary schools . . .	89	77	8	4	89	9 073	72 550	3 099	4 350	530	89 592	
Secondary schools . . .	2	1	1	...	2	250	6 008	572	763	...	7 593	
Total	89	77	8	4	89	9 323	78 558	3 671	5 113	530	97 185	
2d com'r dist.												
Elementary schools . . .	86	78	6	1	85	7 440	66 985	2 231	5 782	717	83 105	
Secondary schools . . .	4	2	2	...	4	1 515	17 700	3 270	2 590	190	25 265	
Total	86	78	7	1	86	8 955	84 685	5 501	8 322	907	108 370	
3d com'r dist.												
Elementary schools . . .	100	98	2	1	101	10 210	95 250	3 295	5 822	1 135	115 712	
Secondary schools . . .	4	1	3	...	4	2 400	30 000	2 156	4 906	1 350	40 812	
Total	100	98	3	1	102	12 610	125 250	5 451	10 728	2 485	156 524	
Oneida co., 1st com'r dist.												
Elementary schools . . .	143	129	2	4	135	32 220	190 059	5 017	10 249	2 472	240 017	
Secondary schools . . .	10	6	3	1	10	6 983	57 805	5 583	7 607	3 349	81 327	
Total	143	129	2	4	135	39 203	247 864	10 600	17 856	5 891	321 344	
2d com'r dist.												
Elementary schools . . .	154	150	2	2	154	13 858	127 606	5 378	10 911	8 567	166 310	
Secondary schools . . .	7	5	1	1	7	2 376	31 877	3 587	5 490	3 532	46 863	
Total	154	150	2	2	154	16 234	169 483	8 965	16 401	12 000	213 173	

TICS OF PUBLIC SCHOOLS
teachers and census

LIBRARY		TEACHERS												CENSUS					
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts conducting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
9 455	176	122	2	1		28	65	27	1					4	118	183			
5 376	139	20				8		1			11			8	14	196			
14 791	315	142	2	1	3	34	65	28	1		1	11		12	132	183	1 905	1 811	3 716
13 335	1 806	147				29	81	32	2	1	2			4	143	193			
4 811	126	21				3		1			7			5	16	197			
18 146	1 932	168			2	32	82	32	2	2	2	7		9	159	193	2 402	2 418	4 820
14 556	2 309	131	7		1	15	81	33		1	1			7	125	175			
5 339	152	204		4	5	4	2	1	1	1		6		9	15	195			
19 896	2 467	152	7	4	6	19	83	34	1	2	1	6		16	140	175	2 081	2 040	4 121
12 026	2 423	1154	2	1		21	49	44	1			1		5	111	177			
3 704	198	104				4		1						5	5	198			
15 730	2 621	126	2	1	4	25	49	45	1			1		10	116	177	1 836	1 756	3 592
13 249	4 973	143	3	2	6	35	65	43	12	1		1		15	156	165			
11 207	240	26			3	10	1	2				9		7	19	197			
24 456	5 213	169	3	2	9	45	66	45	12	2		10		22	169	165	2 099	2 050	4 149
11 415	2 238	142	1	1	4	44	15	71	5					9	131	187			
4 541	190	20		3	10	6		2	1					10	12	198			
15 956	2 428	162	1	4	14	50	15	73	6					19	143	187	2 937	3 029	5 966
15 466	4 149	146	1	1	1	32	53	49	9		1			23	123	186			
5 195	180	20			9	7		1				3		5	15	197			
20 661	4 329	166	1	1	10	39	53	50	9		1	3		26	138	186	2 842	2 699	5 541
15 406	2 295	166	4		2	45	89	42	1		2		3	17	167	170			
5 117	361	214		4	7	10		2				4		10	18	199			
20 523	2 656	211	4	4	9	55	89	44	1	1	2	4	3	27	185	170	3 254	3 203	6 457
7 705	269	84	3			13	46	36						10	85	165			
1 070	48	24				1		1				1		2	1	192			
8 773	317	87	3			14	46	37				1		12	86	165	1 249	1 181	2 430
6 655	1 435	98				9	42	45		1		1		14	84	165			
3 430	128	10			1	3	4					3		5	6	197			
10 065	1 573	108		1	2	13	42	45		1		4		19	90	165	1 174	1 177	2 351
9 231	78	1194	4		1	8	73	33	1	1				9	108	164			
5 002	144	144		1	5	1		2				10		6	13	192			
14 233	78	134	4	1	6	9	73	35	1	1		10		15	121	164	1 302	1 244	2 546
15 815	4 456	160	13	6	2	22	75	65	16	1	1		1	30	159	164			
11 154	155	264			9	9	1	1				7		10	17	192			
26 976	4 611	187	13	6	11	31	76	65	16	1	2	7	1	40	176	164	1 672	1 638	3 310
17 480	4 104	155	26	1		34	86	34						14	141	163			
6 734	182	18		2	6	8		1	2			2		8	13	198			
24 194	4 236	173	26	3	6	42	87	36				2		22	154	163	1 643	1 566	3 209

TABLE 2 (continued) — STATISTICS
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Putnam co.												
Elementary schools...	56	50	5	1	56	\$22 100	\$125 540	\$3 117	\$4 432	\$617	\$155 806	
Secondary schools...	4	3	1	4	4	3 100	20 259	1 741	2 499		27 629	
Total.....	56	50	5	1	56	25 200	145 829	4 858	6 931	617	183 435	
Remondelae co., 1st com'r dist.												
Elementary schools...	79	70	15	1	86	38 777	217 859	2 945	6 302	5 645	271 528	
Secondary schools...	5	1	4	5	5	5 133	51 060	4 029	2 969	1 200	64 391	
Total.....	79	70	16	1	87	43 910	268 919	6 974	9 271	6 845	335,919	
2d com'r dist.												
Elementary schools...	84	77	7	84	11 667	87 270	2 887	7 244	888		109 953	
Secondary schools...	1	1	1	1	200	1 875	100	400			2 575	
Total.....	84	77	7	84	11 867	89 145	2 987	7 644	888		112 528	
Rockland co.												
Elementary schools...	47	35	11	2	48	52 153	334 942	6 360	10 121	4 400	407,976	
Secondary schools...	8	1	6	1	8	14 997	83 853	5 806	5 177	132	109 965	
Total.....	47	35	11	2	48	67 150	418 795	12 166	15 298	4 532	517,941	
St Lawrence co., 1st com'r dist.												
Elementary schools...	151	145	5	6	156	18 748	171 242	5 905	8 198	640	204 733	
Secondary schools...	8	6	2	8	8	7 242	55 033	3 597	3 402	100	69 374	
Total.....	151	145	5	6	156	25 990	226 275	9 502	11 600	740	274 107	
2d com'r dist.												
Elementary schools...	177	160	14	3	177	17 569	194 049	7 387	7 756	992	227 753	
Secondary schools...	9	3	5	1	9	6 021	26 391	2 277	3 517	100	38 306	
Total.....	177	160	14	3	177	23 590	220 440	9 664	11 273	1 092	266 059	
3d com'r dist.												
Elementary schools...	149	123	26	1	151	18 752	217 735	6 662	9 349	5 026	257 534	
Secondary schools...	6	3	3	6	6	3 895	31 091	2 427	2 666	2 494	42 573	
Total.....	149	123	26	1	151	22 647	248 826	9 089	12 015	7 520	300 097	
Saratoga co., 1st com'r dist.												
Elementary schools...	101	71	20	3	104	21 863	166 182	3 645	8 651	819	201 140	
Secondary schools...	6	6	6	6	6	10 392	82 117	2 985	8 796	700	104 870	
Total.....	101	71	20	3	104	32 255	248 279	6 540	17 417	1 519	306 010	
2d com'r dist.												
Elementary schools...	97	83	16	4	103	29 491	308 094	8 942	6 028	1 303	343 858	
Secondary schools...	4	4	4	4	4	17 750	97 800	5 565	4 750	100	125 965	
Total.....	97	83	17	4	104	47 241	400 894	9 507	10 778	1 403	469 823	
Schenectady co.												
Elementary schools...	61	45	12	2	59	15 505	125 317	2 297	2 942	1 621	147 662	
Secondary schools...	2	1	1	2	2	2 200	23 573	634	572	93	26 072	
Total.....	61	45	12	2	59	17 705	147 890	2 931	3 514	1 714	173 754	
Schoharie co., 1st com'r dist.												
Elementary schools...	87	84	3	87	8 132	67 517	2 297	4 303	605		82 943	
Secondary schools...	2	2	2	2	1 333	13 768	1 425	1 731			18 257	
Total.....	87	84	3	87	9 465	81 285	3 722	6 033	605		101 200	
2d com'r dist.												
Elementary schools...	92	90	2	92	11 428	87 597	2 341	5 459	514		107 339	
Secondary schools...	4	2	2	4	2 718	20 735	1 791	2 434			27 676	
Total.....	92	90	2	92	14 146	108 330	4 132	7 893	514		135 015	

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY			TEACHERS														CENSUS		
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
7 800	1 014	83		2	19	8	46	7						13	60	188			
3 067	17	9		1	2	3	1	2						4	5	200			
10 936	1 631	91		3	22	9	48	7						17	74	188	1 218	1 278	2 496
10 762	647	150+		7	1	27	30	94	7		1		4	13	158	172			
2 867	127	21+		3	9	8		1				2		7	16	193			
13 629	784	181		10	10	35	30	95	7		1	2	4	20	174	172	3 141	3 122	6 263
13 078	3 422	98	1	3	1	7	8	63	16					8	90	160			
267	48	1		1										1	199	199			
12 343	3 470	99	1	4	1	7	8	63	16					9	90	160	1 462	1 351	2 813
16 214	1 347	172+		3	2	87	14	56	2		2		5	18	153	197			
5 308	195	33+		1	13	12		6				2		8	26	195			
22 723	1 542	205		4	15	99	14	62	2		2	2	5	26	179	197	4 779	4 678	9 457
13 264	1 170	191	3	1		24	88	103	4		1	1		21	198	164			
4 127	107	21			4	13		2						9	15	197			
17 301	1 277	212	3	1	4	37	68	105	4		1	6		33	213	164	2 299	2 304	4 603
12 754	4 069	206+	3		1	38	103	92	8		1		1	17	227	161			
4 774	667	19+		1	9	6		2				4		9	13	196			
17 523	4 756	223	3	1	10	44	103	94	8		1	4	1	26	240	161	2 580	2 530	5 110
14 211	3 105	193+	7		1	71	118	18			4			14	198	164			
3 129	414	16+		1	4	7		1				6		6	13	195			
17 240	3 519	210	7	1	5	78	118	19			4	6		20	211	164	2 793	2 613	5 406
15 437	3 570	180+	2	2		21	85	65	1	2	2		2	7	173	167			
10 165	199	10+		1	8	4		3				4		7	13	195			
25 022	3 769	200	2	3	8	25	85	68	1	2	2	4	2	14	186	167	3 054	2 958	6 012
9 138	263	182+	2	8		46	80	46	5		2			8	179	163			
5 078	82	19+		2	9	8		1						7	15	199			
15 114	465	202	2	10	9	54	80	47	6		1	2		15	194	163	2 954	2 991	5 945
4 576	425	85+	3		1	13	26	42	3					9	75	174			
721	252	4+		2	1	2		1						3	3	189			
5 297	677	90	3	2	1	15	26	43	3					12	78	174	1 559	1 296	2 955
7 504	2 472	93	6			6	22	64	12		1			31	74	164			
2 253	40	6			1	2		1				2		2	4	189			
9 982	2 512	99	6		1	8	22	65	12		1	2		33	78	164	1 019	977	1 996
9 239	1 959	103+	6	4		8	27	62	1		2			31	73	166			
3 449	25	12+		2	5	3		3				2		4	10	192			
12 778	1 953	116	6	6	6	11	29	62	1		2	2		35	83	166	1 205	1 185	2 391

TABLE 2 (continued) — STATIS-
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					Total value of school property
		Log	Frames	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	
Schuyler co.												
Elementary schools...	105	102	3	1	106	\$14 515	\$98 305	\$4 130	\$6 560	\$1 935	\$125 445	
Secondary schools...	2	1	1		2	4 800	15 200	1 200	1 100	350	22 650	
Total.....	105	102	3	1	106	19 315	113 505	5 330	7 660	2 285	148 095	
Seneca co.												
Elementary schools...	92	60	36	1	97	26 055	185 749	4 644	6 896	6 234	229 578	
Secondary schools...	6	1	4		5	5 375	65 893	4 776	4 481	5 254	85 779	
Total.....	92	60	37	1	96	31 430	251 642	9 420	11 377	11 488	315 357	
Steuben co., 1st com'r dist.												
Elementary schools...	126	120	4	3	128	21 185	160 772	4 587	5 914	2 209	194 667	
Secondary schools...	10	6	3	1	10	5 850	46 624	6 153	4 481	90	65 170	
Total.....	126	120	4	3	128	27 035	207 396	10 740	12 367	2 299	259 837	
2d com'r dist.												
Elementary schools...	120	116	5	2	123	25 028	145 266	4 156	5 362	4 106	183 918	
Secondary schools...	4	1	3		4	8 100	38 500	3 208	3 234	1 000	54 042	
Total.....	120	116	5	2	123	33 128	183 766	7 364	8 596	5 106	237 960	
3d com'r dist.												
Elementary schools...	123	119	3	2	124	9 910	76 935	3 617	3 950	200	94 614	
Secondary schools...	4	2	2		4	1 620	11 830	2 075	2 161	100	17 756	
Total.....	123	119	3	2	124	11 530	88 765	5 692	6 117	300	112 404	
Suffolk co., 1st com'r dist.												
Elementary schools...	56	52	5		57	52 116	381 135	3 663	3 683	13 073	458 675	
Secondary schools...	11	8	3		11	12 484	102 901	5 069	4 438	2 532	127 424	
Total.....	56	52	5		57	64 600	484 036	8 732	18 121	15 610	586 099	
2d com'r dist.												
Elementary schools...	80	80	6	3	89	92 518	638 417	6 853	12 919	5 502	756 209	
Secondary schools...	15	11	4		15	35 517	182 897	8 788	8 935	1 672	237 809	
Total.....	80	80	6	3	89	128 035	821 314	15 641	21 854	7 174	994 018	
Sullivan co., 1st com'r dist.												
Elementary schools...	86	82	2	2	86	12 818	85 360	3 724	4 704	3 970	110 576	
Secondary schools...	2	1	1		2	1 800	12 400	717	1 500	500	17 217	
Total.....	86	82	2	2	86	14 618	97 760	4 441	6 204	4 470	127 793	
2d com'r dist.												
Elementary schools...	87	88			88	19 970	76 050	3 699	5 470	736	105 925	
Secondary schools...	3	3			3	3 850	7 500	835	1 169		13 464	
Total.....	87	88			88	23 820	83 550	4 534	6 639	736	119 389	
Tioga co.												
Elementary schools...	148	146	7		153	29 759	214 608	5 455	7 526	3 245	240 583	
Secondary schools...	8	4	4		8	9 650	57 570	6 435	8 260		81 915	
Total.....	148	146	7		153	39 409	272 178	11 890	15 786	3 245	342 505	
Tompkins co., 1st com'r dist.												
Elementary schools...	70	67	2	1	70	5 905	51 224	2 646	3 983	433	64 184	
Secondary schools...	2	1	1		2	600	10 800	876	1 477	25	13 777	
Total.....	70	67	2	1	70	6 505	62 024	3 522	5 465	458	77 974	
2d com'r dist.												
Elementary schools...	82	80	2		82	9 882	66 020	3 470	7 197	865	87 434	
Secondary schools...	5	4	1		5	4 433	15 950	1 864	2 116	50	24 415	
Total.....	82	80	2		82	14 315	81 970	5 334	9 313	915	111 849	

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY		TEACHERS													CENSUS				
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
11 073	3 475	119	7	2	1	10	67	30	1	1	1	1	1	18	101	164			
842	25	54		2	1	2	2	1						3	4	195			
11 915	3 500	125	7	4	2	12	67	40				1	1	21	105	164	1 356	1 212	2 568
13 589	740	133	2	1		16	59	58	1	1	2		2	11	129	172			
2 644	41	194		2	4	2	1	6	1			5		7	14	197			
16 233	781	153	2	3	4	18	60	64	2	1	2	5	2	18	143	172	2 302	2 268	4 570
10 000	583	166	8	3	1	29	79	57	5	1	1			21	155	168			
6 953	229	30		1	6	16	1	3				4		12	19	194			
16 953	812	197	8	4	7	45	80	60	5	1	1	4		33	174	168	2 264	2 213	4 477
9 257	106	157	4	3		22	61	84	3			1		20	154	163			
2 400	270	15		1	1	10	2	1				2		5	12	199			
11 057	376	173	4	4	1	32	63	85	3			3		25	166	163	1 610	1 604	3 214
6 166	480	138	2		1	17	86	49	6		1			20	140	162			
1 403	17	8			3	3		3						3	6	200			
7 569	497	146	2		4	20	86	52	6		1			23	146	162	1 454	1 471	2 925
11 850	1 038	150	1	3	7	81	13	44				1		18	132	185			
6 906	254	32			7	18						10		16	19	190			
18 656	1 292	183	1	3	14	99	12	44				11		34	151	185	3 192	2 991	6 183
21 895	1 672	264		2	4	147	20	68	3			4	12	23	237	190			
12 205	653	44		3	18	20		2		1				17	31	193			
34 100	2 325	308		5	22	167	20	70	3	1		8	12	40	268	190	5 704	5 815	11 609
8 965	2 446	102		5	1	8	36	48	3	1		1		27	76	170			
1 677	18	51			1	2								2	4	198			
10 662	2 464	108		5	2	10	36	48	3	1		4		29	80	170	1 113	1 068	2 181
8 076	1 532	120		2		8	27	74	8					41	78	164			
916	86	71			3	2		2				2		3	6	197			
8 922	1 618	128		2	3	10	27	76	8			2		44	84	164	1 342	1 193	2 535
11 938	824	195	16	4		17	105	87				1		17	197	166			
8 895	370	27			11	6	4	6				2		12	17	198			
20 823	1 194	223	16	4	11	23	109	93				3		29	214	166	2 467	2 410	4 877
7 892	2 071	66	10			4	36	27						3	64	153			
1 650	135	51			4	1								2	3	195			
9 542	2 206	72	10		4	5	36	27						5	67	163	612	630	1 242
12 550	2 628	96	9	21	5	23	33	10	4					6	90	167			
2 335	162	94		3	1	2		2				2		5	5	196			
15 085	2 790	106	9	24	6	25	33	12	4			2		11	95	167	1 059	937	1 996

TABLE 2 (continued) — STATISTICS
Buildings, property, library,

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Ulster co., 1st com'r dist.												
Elementary schools	37	28	8	2	38	\$14 550	\$99 000	\$2 218	\$3 175	\$434	\$119 377	
Secondary schools	1	1			1	1 800	15 200	900	2 350		20 250	
Total	37	28	8	2	38	16 350	114 200	3 118	5 525	434	139 627	
2d com'r dist.												
Elementary schools	86	76	7	3	86	21 825	125 655	4 163	8 701	932	160 776	
Secondary schools	3	2	1		3	1 500	11 650	765	1 187		15 102	
Total	86	76	7	3	86	22 825	137 305	4 928	9 888	932	175 878	
3d com'r dist.												
Elementary schools	95	94	2	1	97	12 575	95 575	3 451	4 766	1 450	117 317	
Secondary schools	1	1			1	1 500	5 900	700	400		8 500	
Total	96	94	2	1	97	14 075	101 475	4 151	5 166	1 450	125 817	
Warren co., 1st com'r dist.												
Elementary schools	48	44	3	2	49	13 130	54 296	1 652	3 590	711	73 379	
Secondary schools	2	2			2	2 700	8 500	1 535	1 780	1 050	15 515	
Total	48	44	3	2	49	15 830	62 796	3 187	5 370	1 761	88 894	
2d com'r dist.												
Elementary schools	64	60	1	3	64	4 861	60 669	1 861	3 628	631	71 660	
Secondary schools	3	1	1	1	3	960	15 790	1 430	1 879	350	20 429	
Total	64	60	1	3	64	5 841	76 459	3 291	5 517	981	92 089	
Washington co., 1st com'r dist.												
Elementary schools	108	90	21		111	17 558	167 638	4 153	6 180	3 561	199 085	
Secondary schools	5		5		5	4 302	35 232	3 475	3 285	2 500	48 794	
Total	108	90	21		111	21 860	202 865	7 628	9 465	6 061	247 879	
2d com'r dist.												
Elementary schools	118	99	24	2	118	17 320	162 450	3 410	4 483	4 232	191 895	
Secondary schools	7	2	5		7	12 775	59 500	4 220	4 799	1 200	83 554	
Total	118	99	24	2	125	30 095	221 950	7 630	9 282	5 542	274 449	
Wayne co., 1st com'r dist.												
Elementary schools	113	90	9	8	107	22 709	215 014	4 748	9 675	1 328	263 474	
Secondary schools	6	1	5		6	7 421	50 205	5 979	8 757	334	72 096	
Total	113	91	14	8	113	30 130	265 219	10 727	18 432	1 662	335 570	
2d com'r dist.												
Elementary schools	96	74	15		96	17 970	147 999	3 137	8 174	1 210	178 490	
Secondary schools	7	1	6		7	5 250	55 638	4 330	5 660	281	71 156	
Total	96	74	15	7	96	23 220	203 637	7 467	13 834	1 491	249 646	
Westchester co., 1st com'r dist.												
Elementary schools	12	4	18	1	23	134 892	668 479	3 340	4 676	34 721	846 108	
Secondary schools	5		5		5	22 716	204 252	5 269	4 009	3 643	236 889	
Total	12	4	18	1	23	157 608	872 731	8 609	8 685	37 364	1 082 997	
2d com'r dist.												
Elementary schools	37	30	18	3	51	178 150	748 711	6 997	7 969	7 405	949 227	
Secondary schools	11	2	7	2	11	90 850	334 723	9 166	6 455	4 600	445 194	
Total	37	30	19	3	52	269 000	1 083 434	16 163	14 424	11 405	1 394 421	
3d com'r dist.												
Elementary schools	73	66	8	1	76	69 050	415 015	4 556	8 040	1 394	498 644	
Secondary schools	5	3	2		5	12 300	77 750	3 081	1 920	175	95 222	
Total	73	66	8	1	76	81 350	492 765	7 637	10 560	1 569	593 866	

STATISTICS OF PUBLIC SCHOOLS

Teachers and census

LIBRARY				TEACHERS												CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of teachers employed for legal term	No. of districts conducting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
6 718	1 120	60	1	1		5	15	32	7					7	53	187			
3 857	336	5				4								1	4	186			
10 202	1 490	65	1	1		9	15	32	7					8	57	187	1 563	1 543	3 096
13 722	3 468	131			3	7	42	21	54	7				30	104	182			
1 475	80	5			1		4							3	2	198			
15 207	3 598	136			4	7	46	21	54	7				33	106	182	2 709	2 805	5 314
7 546	2 033	119	1	1			6	52	62	18				24	115	170			
434	6				1		1	1				3		6	6	193			
7 900	2 032	125	1	2			6	53	63	18		3		24	121	170	2 099	2 052	4 151
5 968	1 428	50	1		1	5	34	28	1					5	64	163			
1 229	00				1	2						2		2	3	195			
7 256	1 498	64	1		2	7	34	28	1			2		7	67	163	957	1 049	2 006
6 104	1 732	804			1	1	8	38	42	3				6	87	162			
1 287		64			1	2	2					2		3	4	195			
7 201	1 732	87			2	3	10	38	42	3		2	1	9	91	162	1 030	1 068	2 098
10 184	1 455	1524	3	1	1	24	51	67	4	1			2	11	140	165			
3 223	45	164			7	9		2						4	14	194			
13 487	1 500	169	3	1	8	33	51	69	4	1			2	15	154	165	2 054	1 877	3 931
7 286	559	1794	9		2	7	23	55	112	8	1	1	1	9	201	162			
6 250	302	213			3	5	11	1				2		4	18	194			
13 545	1 061	201	9	6	12	34	55	113	8	1	3	1	13	219	162	2 869	2 884	5 753	
12 883	3 053	1654	3	3	1	30	75	43		2	2			15	150	173			
9 204	316	254			4	3	8	2				9		9	17	198			
22 007	3 369	191	3	7	4	47	75	45		2	2	9		24	167	173	2 259	2 269	4 528
15 302	3 083	142			3	35	67	36			2			7	136	169			
5 841	154	22			2	4	9	1		1		10		8	19	197			
21 343	3 537	164			2	7	44	68	36	1		2	10	15	155	169	2 300	2 295	4 595
6 255	990	1534			1	2	114	7	19	2	1		6	7	145	200			
4 875	494	221				12	8		1			3		5	19	195			
11 120	1 432	176			1	14	122	7	20	2	1	3	6	12	164	200	3 724	3 643	7 367
12 456	1 202	2324			7	6	136	19	43	2	5		12	13	217	199			
9 061	320	494			2	19	23	2	4	1		1		21	31	193			
27 516	1 632	282			9	25	159	21	47	3	5	1	12	34	248	199	6 305	6 260	12 565
13 626	1 925	1494	2	3	1	69	12	57	6					17	131	193			
2 135	61	194			2	7	6		3					3	17	195			
15 771	1 996	168	2	5	8	75	12	60	6				2	20	148	193	3 183	3 211	6 394

TABLE 2 (continued) — STATISTICS
Buildings, property, library

COMMISSIONER DISTRICTS	No. of school districts	BUILDINGS					PROPERTY				
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property
Wyoming co., 1st com'r dist.,	91	86	5	1	92	\$18 480	\$136 096	\$2 621	\$4 214	\$769	\$162
Elementary schools..	4	4	4	4	4	7 950	51 500	4 800	2 975	500	67
Secondary schools...	87	82	1	1	89	26 430	187 596	7 421	7 189	1 269	229
Total.....	91	86	5	1	92						
2d com'r dist.	77	78	1	1	77	8 865	72 150	2 916	4 569	935	89
Elementary schools..	5	5	1	1	5	2 150	19 885	1 674	1 722	12 580	37
Secondary schools...	72	73	1	1	74	11 015	92 035	4 590	6 291	13 495	127
Total.....	77	78	1	1	77						
Yates co.	104	94	10	4	108	13 915	109 825	4 480	8 010	1 440	137
Elementary schools..	4	1	3	4	4	6 025	47 050	2 141	1 375	1 000	58
Secondary schools...	100	93	11	4	109	19 940	157 475	6 621	9 385	2 440	193
Total.....	104	94	11	4	109						
CITIES											
Albany	21	21	21	21	21	\$165 000	\$319 000	\$5 100	\$6 500	\$13 000	\$1 008
Elementary schools..	1	1	1	1	1	30 000	216 000	26 600	17 600	5 300	295
Secondary schools...	20	20	20	20	20	195 000	1 083 000	31 700	24 100	18 300	1 304
Total.....	21	21	21	21	21						
Amsterdam	10	10	10	10	10	45 000	140 000	1 200	3 800	.....	189
Elementary schools..	1	1	1	1	1	24 000	90 000	2 000	1 800	.....	117
Secondary schools...	9	9	9	9	9	69 000	230 000	3 200	5 400	.....	307
Total.....	10	10	10	10	10						
Auburn	13	13	13	13	13	79 275	266 300	350	3 613	.....	349
Elementary schools..	1	1	1	1	1	40 770	148 525	4 000	1 573	.....	194
Secondary schools...	12	12	12	12	12	120 045	414 825	4 350	5 186	.....	544
Total.....	13	13	13	13	13						
Binghamton	15	15	15	15	15	69 898	302 662	.....	4 643	.....	467
Elementary schools..	1	1	1	1	1	22 182	64 965	5 908	2 199	.....	91
Secondary schools...	14	14	14	14	14	92 080	457 627	5 908	6 842	.....	566
Total.....	15	15	15	15	15						
Buffalo	102	27	75	102	102	582 142	4 856 615	115 608	56 606	215 492	5 829
Elementary schools..	4	2	2	4	4	317 638	863 410	60 580	16 414	38 440	1 291
Secondary schools...	98	25	73	98	98	899 780	5 720 025	176 188	73 020	253 932	7 122
Total.....	102	27	77	102	106						
Coboes	10	1	9	10	10	24 800	55 600	923	1 448	.....	8
Elementary schools..	1	1	1	1	1	6 000	19 000	700	1 200	.....	2
Secondary schools...	9	1	8	9	9	30 800	74 600	1 623	2 648	.....	10
Total.....	10	1	9	10	10						
Corning	2	2	2	2	2	9 000	42 000	200	100	.....	5
Elementary schools..	1	1	1	1	1	11 000	58 000	1 620	1 400	.....	7
Secondary schools...	1	1	1	1	1	20 000	100 000	1 820	1 500	.....	12
Total.....	2	2	2	2	2						
Cortland	5	3	2	5	5	13 500	70 000	350	650	1 500	9
Elementary schools..	1	1	1	1	1	3 500	16 000	1 313	2 700	2 000	3
Secondary schools...	4	2	1	4	4	17 000	86 000	1 663	3 350	3 500	11
Total.....	5	3	2	5	5						
Dunkirk	8	8	8	8	8	45 000	60 000	2 500	1 500	1 700	11
Elementary schools..	1	1	1	1	1	35 000	225 000	2 075	2 600	2 200	2
Secondary schools...	7	7	7	7	7	80 000	285 000	4 575	4 100	3 900	3
Total.....	8	8	8	8	8						
Elmira	11	11	11	11	11	58 500	471 324	1 825	7 416	25 322	5
Elementary schools..	3	3	3	3	3	15 150	53 800	1 797	3 087	2 000	6
Secondary schools...	8	8	8	8	8	73 650	524 624	3 622	10 503	27 322	6
Total.....	11	11	11	11	11						

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY			TEACHERS													CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	Slate certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	No. of children between 5 and 18 years of age residing in the district August 30, 1908		
																	Boys	Girls	Total
7 628	181	1294	1			33	57	33		1	1	2	1	9	119	162			
33 630	20	174			7	6		2	2			4		9	12	191			
11 558	201	147	1		7	39	57	35	2	1	1	6	1	18	131	162	1 944	1 951	3 895
6 729	2 048	96	4		1	25	58	12				1		8	88	166			
3 606	38	14	1	1	1	11						1		5	9	198			
9 735	2 086	110	4	1	2	36	58	12				1		13	97	166	1 133	1 065	2 198
12 515	4 077	127	4	2	2	18	61	38	3		2	1		13	114	169			
1 615	321	16		3	8	4						1		6	10	197			
14 130	4 398	143	4	5	10	22	61	38	3		2	2		19	124	169	1 622	1 651	3 274
8 332	694	299		7	3	36	178	78						17	285	184			
24 996	552	41		1	4	5	8	23						13	28	184			
33 228	1 276	340		8	7	41	186	101						30	313	184	8 330	8 358	16 688
5 570	851	80		2		52	9	15		1	1			6	74	200			
1 820	325	14			13	1								4	10	200			
7 390	1 176	94		2	13	53	9	15		1	1			10	84	200	2 440	2 505	4 945
3 612	98	127		17	2	17	49	45		1	1			2	130	190			
1 573	11	16		2	6	3		2		1		2		8	8	190			
5 186	109	143		19	8	20	49	47		2	1	2		10	138	190	3 200	2 860	6 060
6 519	27	185		6	2	105	20	51				4		6	182	200			
1 415	8	26		1	25	2		1			1			11	19	200			
7 934	35	211		7	27	107	20	52			1	4		17	201	200	3 935	4 011	7 946
58 303	4 468	1 309		23	18	360	463	443		5	5	10		62	1 265	200			
9 932	635	127		3	14	18	6	83		2		5		30	101	200			
98 235	5 103	1 436		26	32	378	469	526		7	5	15		92	1 366	200	47 000	47 000	94 000
1 669	341	57		1		6	16	37							60	193			
1 915		8				2					1	5		2	8	193			
2 584	341	65		1	2	8	16	37			1	5		2	68	193	2 424	2 631	5 055
300		21				17		4		1	1			1	22	193			
1 219		8			4	1		1				2		3	5	193			
1 519		29			4	18		5		1	1	2		4	27	193	865	955	1 820
1 200		32				33								1	32	196			
2 200		8		1	1	4						3		1	8	196			
3 400		40		1	1	37						3		2	40	196	846	792	1 638
2 246		58				40		18		1	1				60	195			
2 495		13		1	1	4		6				1		6	7	195			
4 741		71		1	1	44		24		1	1	1		6	67	195	1 874	1 802	3 676
8 141	506	141		1	4	30	77	35		1	1			6	143	195			
3 987	188	27		3	21	1	3					1		4	25	198			
12 128	694	168		4	25	31	80	35		1	1	1		10	168	198	3 207	3 205	6 413

TABLE 2 (continued) — STATISTICS—
Buildings, property, library,

CITIES	No. of school districts	BUILDINGS				PROPERTY						
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Fulton												
Elementary schools..	7	1	1	6	7	\$6 300	\$96 200	\$800	\$1 000		\$104 300	
Secondary schools..	1	1	1	1	1	2 100	22 200	2 000	850		27 150	
Total.....	7	1	1	6	7	8 400	118 400	2 800	1 850		131 450	
Geneva												
Elementary schools..	5			5	5	14 350	104 688	551	2 076		121 665	
Secondary schools..	1			1	1	5 000	63 182	2 407	6 861	\$710	83 120	
Total.....	5			5	5	19 350	172 840	2 958	8 927	710	204 785	
Glens Falls												
Elementary schools..	4	1		3	4	30 000	124 000		2 500		156 500	
Secondary schools..	1			1	1	20 000	86 000	1 250	1 900		119 150	
Total.....	4	1		3	4	60 000	210 000	1 250	4 400		275 650	
Gloversville												
Elementary schools..	9			9	9	11 500	141 000	200	1 000		153 700	
Secondary schools..	2			2	2	20 000	80 000	1 200	950		102 150	
Total.....	10			10	10	31 500	221 000	1 400	1 950		255 850	
Hornell												
Elementary schools..	5			5	5	25 060	100 000	200	2 500		127 700	
Secondary schools..	1			1	1	10 000	25 000	3 000	1 500		39 500	
Total.....	5			5	5	35 000	125 000	3 200	4 000		167 200	
Hudson												
Elementary schools..	3			3	3	9 000	73 000	500	500		83 000	
Secondary schools..	1			1	1	6 000	17 000	1 400	1 000		25 400	
Total.....	3			3	3	15 000	90 000	1 900	1 500		108 400	
Ithaca												
Elementary schools..	6	1		5	6	41 000	159 300	1 100	1 850	4 500	207 750	
Secondary schools..	1			1	1	12 000	77 550	3 300	5 650	2 500	101 000	
Total.....	6	1		5	6	53 000	236 850	4 400	7 500	7 000	308 750	
Jamestown												
Elementary schools..	13	1		12	13	105 900	310 000	2 100	3 150	6 000	427 150	
Secondary schools..	1			1	1	15 000	57 000	5 800	6 711	3 000	87 511	
Total.....	13	1		12	13	120 900	367 000	7 900	9 861	9 000	514 661	
Johnstown												
Elementary schools..	5	1		4	5	12 000	102 716	344	1 078	1 585	117 703	
Secondary schools..	1			1	1	12 000	17 916	2 587	3 830	200	36 533	
Total.....	5	1		4	5	24 000	120 632	2 931	4 908	1 785	154 236	
Kingston												
Elementary schools..	8	1		6	8	36 227	247 323	235	4 675	37 907	326 367	
Secondary schools..	2			2	2	27 025	58 140	6 353	3 000	7 320	101 848	
Total.....	9	1		7	9	63 252	305 463	6 588	7 675	45 227	428 215	
Leakawanna												
Elementary schools..	4			4	4	16 000	116 289	478	1 182	3 219	137 168	
Secondary schools..	1			1	1	14 000	29 132	648	244	632	44 656	
Total.....	4			4	4	30 000	145 421	1 126	1 426	3 851	181 824	
Little Falls												
Elementary schools..	3			3	3	50 000	75 000	1 000	1 500	5 000	132 500	
Secondary schools..	1			1	1	30 000	45 000	5 000	1 500		81 500	
Total.....	4			4	4	80 000	120 000	6 000	3 000	5 000	214 000	
Lockport												
Elementary schools..	9			8	9	50 000	214 000	4 500	3 000	4 500	276 000	
Secondary schools..	1			1	1	33 000	132 500	4 200	1 900	3 200	174 800	
Total.....	10			9	10	83 000	346 500	8 700	4 900	7 700	450 800	

TICS OF PUBLIC SCHOOLS
teachers and census

LIBRARY		TEACHERS													CENSUS				
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts conducting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	Boys	Girls	Total
1 350	5	30		6		32	4								42	193			
777	30	10			7	32	4	1				2		2	8	193			
2 127	36	40		6				1				2		2	50	193	986	905	1 891
2 452	443	45		1		22	5	17							45	198			
7 938	256	18			4	6		4		1	4			4	15	198			
10 380	699	63		1	4	28	5	21		1	4			4	60	198	1 128	1 154	2 282
7 419	265	30		1		31	1	5	1	1					40	191			
2 390	200	10		1	3	4		1			1			2	8	191			
9 800	465	49		2	3	35	1	6	1	1				2	48	191	975	993	1 968
7 446	475	67		1		65	1	3							70	200			
2 322	171	15			1	4					10			2	13	200			
9 788	646	82		1	1	60	1	3			10			2	83	200	1 538	1 534	3 072
3 092	185	53		2	1	39	12	7		1					62	192			
1 842	29	15		3	4	2		2	1		5			1	16	192			
4 934	214	68		5	5	41	12	9	1	1	5			1	78	192	1 350	1 450	2 800
2 000	100	28				12	14	3		1					30	191			
1 000	10	8		1	4	1	2							3	5	189			
3 000	110	36		1	4	13	16	3		1				3	35	191	701	768	1 469
2 235	116	46		1	1	29	9	5		1				1	45	200			
3 091	104	21			14	2		5						5	16	200			
5 334	220	67		1	15	31	9	10		1				6	61	200	1 215	1 176	2 391
4 052	297	113		1		25	38	55						3	116	195			
5 430	306	24		1	8			15						7	17	195			
9 482	663	137		2	8	25	38	70						10	133	195	2 899	2 885	5 784
3 670	537	28		1	1	25	11	2		1				1	40	200			
3 972	152	10		1	2	4	1	3			1			4	8	200			
6 742	689	48		2	3	29	12	5		1	1			5	48	200	950	911	1 861
3 965	386	86		7		31	11	34		1	1			7	79	193			
3 122	284	20		2	8	5		3		1	1			5	15	193			
7 117	670	106		9	8	36	11	37		2	1	2		12	94	193	2 829	2 891	5 720
1 207	191	26				13	7	5		1	1			3	24	198			
425	95	4		1		2		1							4	198			
1 882	286	20		1		15	7	6		1	1			3	28	198	1 164	1 064	2 228
1 500	300	28				18	1	9		1				2	27	196			
1 552	288	9			4	4				1				2	7	196			
3 062	588	37			4	22	1	9		1	1			4	34	196	1 000	1 000	2 000
4 189	241	73				15	32	28		1	1			1	76	188			
646	46	17		2	1	4		5		1	4			4	13	188			
4 836	257	90		2	1	19	32	33		2	1	4		5	89	188	1 750	1 750	3 500

TABLE 2 (continued) — STATISTICS
Buildings, property, library,

CITIES	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse etc	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Middletown												
Elementary schools	7			7		7	\$27 600	\$180 000				\$207 600
Secondary schools	1			1		1	2 000	25 000	\$6 000	\$2 175		35 175
Total	8			8		8	29 600	205 000	6 000	2 175		242 775
Mount Vernon												
Elementary schools	9			9		9	99 000	502 663	5 000			606 663
Secondary schools	2	1		1		2	18 000	75 064	3 504	2 112		98 680
Total	11	1		10		11	117 000	577 727	8 504	2 112		705 343
Newburgh												
Elementary schools	7			7		7	34 400	336 000	500	1 850		372 750
Secondary schools	2			2		2	17 500	80 000	3 400	3 500		104 400
Total	7			7		7	51 900	416 000	3 900	5 350		477 150
New Rochelle												
Elementary schools	14		6	8		14	57 500	326 156	885	2 600		387 141
Secondary schools	1			1		1	25 000	177 050	3 297	873	\$450	206 670
Total	14		6	8		14	82 500	503 206	4 182	3 473	450	593 811
New York												
Elementary schools	572		131	441		572	26 158 518	84 743 397	19 428	480 548	1 080 764	112 482 655
Secondary schools	19			19		19	3 096 618	8 407 144	158 042	82 552	226 244	11 970 600
Total	591		131	460		591	29 255 136	93 150 541	177 470	563 100	1 307 008	124 453 255
Niagara Falls												
Elementary schools	14		3	10	1	14	59 069	267 453	2 100	1 850	1 800	322 272
Secondary schools	1			1		1	26 000	161 035	6 200	2 450	1 500	197 185
Total	15		3	11	1	15	85 069	428 488	8 300	4 300	3 300	529 457
N. Tonawanda												
Elementary schools	6		1	5		6	18 000	118 060	13 670			149 730
Secondary schools	1			1		1	5 000	85 040	3 800	3 750		97 590
Total	6		1	5		6	23 000	203 100	17 470	3 760		247 320
Ogdensburg												
Elementary schools	9		1	7	1	9	13 750	120 000	800	2 500		137 050
Secondary schools	1			1		1	13 000	30 000	2 000	800		45 800
Total	9		1	7	1	9	26 750	150 000	2 800	3 300		182 850
Olean												
Elementary schools	8		1	7		8	23 000	140 000		1 400		164 400
Secondary schools	1			1		1	20 000	80 000	3 200	1 750		104 950
Total	8		1	7		8	43 000	220 000	3 200	3 150		269 250
Oneida												
Elementary schools	3			3		3	4 000	47 100	350	1 200		52 650
Secondary schools	1			1		1	6 000	45 200	1 650	8 100		60 950
Total	4			4		4	10 000	92 300	2 000	9 300		113 600
Oneonta												
Elementary schools	4		4			4	5 500	38 000	290	325	950	45 065
Secondary schools	1			1		1	7 000	115 000	1 827	1 045	175	125 047
Total	4		4			4	12 500	153 000	2 117	1 370	1 125	170 112
Orwego												
Elementary schools	12		5	6	1	12	18 000	115 000	1 200	2 900		137 100
Secondary schools	1			1		1	5 000	29 000	1 800	1 125		36 925
Total	13		5	7	1	13	23 000	144 000	3 000	4 025		174 025
Plattsburg												
Elementary schools	7		5	2		7	12 000	50 000	250	1 629	1 100	64 979
Secondary schools	1			1		1	8 000	50 000	2 080	2 803	300	63 183
Total	7		5	2		7	20 000	100 000	2 280	4 432	1 400	128 121

TICS OF PUBLIC SCHOOLS
teachers and census

LIBRARY				TEACHERS											No. of days school was in session	CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts conducting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males		Females	No. of children between 5 and 18 years of age residing in city August 30, 1908	Boys	Girls	Total
1 706	5	57		1	2		39	23						4	59	191			
1 708	5	68		1	7		40	23			1			9	65	191	1 295	1 353	2 648
1 285		126		4		92	2	32			1	2	6	5	134	191			
1 285		30		5	15	8		2						9	24	191			
1 285		156		9	15	100	2	34			1	2	6	11	158	191	3 389	3 702	7 091
3 524	350	93			1	55	1	36							4	89	192		
1 285		17		2	5	4		5			1				4	13	182		
4 909	350	110		2	6	50	1	41			1			8	102	192	2 892	2 954	5 846
3 896	130	120				107	2	14		2	1	2	5	3	130	188			
825	25	17			15	2								5	12	183			
4 721	164	137			15	109	2	14		2	1	2	5	8	142	188	2 850	3 060	5 910
585 456	103 550	15 697		2 010	723	1 771	4 426	6 991	21 18		303			1 529	14 734	191			
71 796	6 734	1 218		56	111	76	27	931	2 18		28				592	657	191		
657 254	110 284	16 915		2 066	834	1 847	4 453	7 922	23 36		331			2 121	15 391	191	536 764	654 221	1 090 985
3 415	415	126		3		84	11	27			1			6	124	198			
970	21	25		2	2	15		3		1	3			4	22	198			
4 385	436	151		5	2	99	11	30		1	3	4		10	146	198	3 350	3 450	6 800
1 272	110	50		7		41	6				1		1	4	52	193			
1 272	110	12		4	5	2		3			1	1		5	10	193			
1 272	110	62		11	5	43	6	3			1	1	1	9	62	193	1 275	1 263	2 538
4 774		42		1		15	20	6			1				43	191			
1 570		10		1	6	2		1						6	4	191			
6 344		82		2	6	17	20	7			1			6	47	191	1 624	1 611	3 235
2 061	594	67				50		14		1	1	1		2	65	194			
1 693	822	16		1	8	3								6	10	194			
2 754	1 247	83		1	8	53		14		1	1	5		8	75	194	1 758	1 777	3 535
3 794	511	26				13	8	4		1	1			2	25	189			
6 656	241	9		1	1	1		1			5			2	7	189			
10 449	732	25		1	1	14	8	5		1	1	5		4	32	189	800	825	1 625
756	705	28		7		18	1			1	1				28	192			
752	7	9		1	4	1		1						1	8	192			
1 526	712	37		8	4	19	1	1		1	1		2	1	36	192	718	690	1 408
6 206	506	75				75					1	1		2	75	200			
667	22	15			2	11		2						3	12	200			
6 872	528	90			2	86		2			1	1		5	87	200	2 860	2 913	5 773
2 315		83		2	1	26	1	4							34	193			
2 167		9		3	4	1		1		1	2			2	9	189			
4 482		42		3	5	27	1	6		1	1	2		2	43	193	1 172	1 186	2 360

TABLE 2 (continued) — STATISTICS
Buildings, property, library

CITIES	No. of school districts	BUILDINGS					PROPERTY					
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Port Jervis												
Elementary schools	6		2	3	1	6	\$10 950	\$59 500	\$420	\$220	\$2 500	\$73 590
Secondary schools	1			1		1	6 000	28 500	1 850	565		36 915
Total	6		2	3	1	6	16 950	88 000	2 270	785	2 500	110 505
Poughkeepsie												
Elementary schools	10		1	9		10	16 000	176 500	1 500	763		194 763
Secondary schools	1			1		1	7 000	65 000	2 000	717		74 717
Total	11		1	10		11	23 000	241 500	3 500	1 480		269 480
Rensselaer												
Elementary schools	3			3		3	6 000	77 500	1 100	1 320		85 820
Secondary schools	1			1		1	500	15 000	1 270	978		17 748
Total	3			3		3	6 500	92 500	2 370	2 308		103 616
Rochester												
Elementary schools	34			34		34	337 061	1 460 000	21 500	56 000	7 000	1 861 561
Secondary schools	2			2		2	68 000	615 500	54 000	12 210	3 000	752 710
Total	36			36		36	405 061	2 075 500	75 500	68 210	10 000	2 634 271
Rome												
Elementary schools	7		1	6		7	27 000	99 800	1 000	2 000	4 500	134 300
Secondary schools	1			1		1	12 000	83 700	3 300	575	3 400	102 975
Total	7		1	6		7	39 000	183 500	4 300	2 575	7 900	237 275
Schenectady												
Elementary schools	18		1	17		18	100 000	900 000	4 600	1 425	2 500	1 008 525
Secondary schools	2			2		2	30 000	120 000	6 715	3 000	2 500	162 215
Total	20		1	19		20	130 000	1 020 000	11 315	4 425	5 000	1 170 740
Syracuse												
Elementary schools	37		3	34		37	265 200	1 169 100	6 000	18 895	80 000	1 539 195
Secondary schools	3			3		3	135 000	654 000	22 200	8 284	19 450	833 934
Total	40		3	37		40	400 200	1 823 100	28 200	27 179	99 450	2 373 129
Tonawanda												
Elementary schools	5		2	3		5	6 000	90 000	250	1 000		97 250
Secondary schools	1			1		1	4 000	40 000	800	4 200		49 000
Total	5		2	3		5	10 000	130 000	1 050	5 200		146 250
Troy												
Elementary schools	20		3	17		20	119 400	514 137	6 150	5 266	88 200	733 143
Secondary schools	1			1		1	35 000	165 000	5 000	2 573	5 000	212 573
Total	21		3	17		21	154 400	679 137	11 150	7 844	93 200	945 716
Utica												
Elementary schools	25		4	21		25	135 000	412 575	2 000	2 000		551 575
Secondary schools	1			1		1	15 000	79 028	2 500	3 500		100 028
Total	26		4	22		26	150 000	491 603	4 500	5 500		651 603
Watertown												
Elementary schools	12			12		12	50 000	600 000	2 500	2 800	11 000	666 300
Secondary schools	1			1		1	20 000	110 000	5 300	4 400	1 000	140 700
Total	13			13		13	70 000	710 000	7 800	7 200	12 000	807 000
Watervliet												
Elementary schools	6			6		6	15 000	80 700	2 000	800		98 500
Secondary schools	1			1		1	1 000	20 200	1 700	1 200		24 100
Total	6			6		6	16 000	101 000	3 700	2 000		122 600
Yonkers												
Elementary schools	20			20		20	240 000	1 494 255	8 304	7 894	46 000	1 796 449
Secondary schools	1			1		1	47 350	212 000	16 483	3 192	17 000	286 025
Total	21			21		21	287 350	1 696 255	24 787	11 076	63 000	2 082 474

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY			TEACHERS													CENSUS			
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Music	College prof.	Kindergarten	Males	Females	No. of days school was in session	Boys	Girls	Total
320		38		1		4	19	15		1				2	38	198			
867	21	9			4	8		1				1		2	7	198			
807	21	47		1	4	7	10	16			1	1		4	45	133	1 063	1 021	2 084
1 653	26	75		4		28	14	27		1	1			3	72	191			
1 434		18		14				1				3		7	11	191			
3 082	26	93		18		28	14	28		1	1	3		10	83	191	2 226	2 453	4 679
1 533	36	42				31	3	10			1			1	44	190			
889	46	8				8						1		1	8	190			
2 687	82	50				39	3	10			1	1		2	52	190	943	1008	1 951
75 336	12 841	629		53	14	156	214	278		6	1	1		12	711	187			
11 835	193	107		13	47	17	1	14		3	1	21		39	78	187			
87 674	10 034	738		66	61	178	215	292		9	2	22		51	789	187	18 150	18 850	37 000
2 599	84	50		7		27	6	8		1	1			2	48	192			
480	50	10		3	4							4		2	9	192			
3 679	675	60		10	4	27	6	8		1	1	4		4	57	192	1 326	1 440	2 766
2 280	180	253		54	2	129	58	30		3	2	1		4	275	183			
3 282	503	31			5	8		6		1		18		11	22	183			
5 463	683	284		54	7	137	56	36		4	2	14		15	297	183	5 718	5 885	11 301
39 253	977	451		23	2	54	190	160			2	2		14	433	197			
7 672	897	83		3	45	14	2	7		4	1	11		20	67	197			
46 325	1 824	534		31	47	68	201	167		4	3	13		34	500	197	15 400	15 000	30 400
1 160	109	33				31		2			1				34	196			
5 181	182	16			2	5		2				1		2	8	196			
6 261	291	43		2	36			4			1	1		2	42	196	1 123	1 044	2 167
4 621	757	197		4	1	12	73	104			2	1		7	190	184			
1 719	139	27		1	12	5		5		1	1	1		10	19	184			
6 340	896	224		5	13	17	73	112		1	3	2		17	206	184	5 255	5 204	10 459
2 000		277		9	2	73	122	75		2	1	1		8	277	195			
4 394	15	27			15	1	1	6		2		5		13	17	195			
6 364	15	304		9	17	74	123	81		4	1	6		21	294	195	7 739	7 030	14 769
3 402	127	120		2	2	42	46	27		1	1				121	198			
8 832	100	21		6	9	1	1					4		4	17	198			
12 234	227	141		8	11	43	47	27		1	1	4		4	138	198	2 462	2 449	4 912
986	20	48			1	14	11	21			1			1	47	184			
1 235	36	8			2	4						2		2	6	184			
2 254	56	56			3	18	11	21			1	2		3	53	184	1 505	1 520	3 025
9 007	800	292		7	6	237		36		3	2	3		6	288	192			
2 030	100	34		2	1	5		2				25		12	23	193			
11 030	950	326		9	7	242		38		2	2	28		18	311	193	7 350	7 200	14 550

TABLE 2 (concluded) — STATISTICS
Buildings, property, library,

	No. of school districts	BUILDINGS				PROPERTY						
		Log	Frame	Brick	Stone	Total	Value of schoolhouse site	Value of schoolhouse	Value of apparatus	Value of library	Value of all other property	Total value of school property
Cities, elementary	1 153	..	211	936	6	1 153	\$29 357 360	\$103 144 913	\$241 870	\$709 268	\$1 646 029	\$135 099 44
Towns, elementary	10 592	10 9	553	992	281	10 836	2 612 260	18 478 555	457 380	781 958	382 406	22 712 53
Total, elementary	11 745	10 9	764	1 928	287	11 989	\$31 969 620	\$121 623 468	\$699 250	\$1 491 226	\$2 028 435	\$157 811 99
Cities, secondary	80	..	2	75	3	80	\$4 351 333	\$14 037 349	\$465 006	\$244 891	\$347 531	\$19 446 71
Towns, secondary	605	..	271	308	27	606	753 473	4 998 029	369 451	433 349	135 607	6 699 60
Total secondary	685	..	273	383	30	686	\$5 104 806	\$19 035 378	\$825 057	\$678 240	\$503 138	\$26 146 61
Total cities	1 203	..	212	982	9	1 203	\$33 708 693	\$117 182 262	\$707 476	\$954 169	\$1 993 560	\$154 546 13
Total towns	10 592	10 9	555	1 010	291	10 866	2 365 733	23 476 584	816 831	1 215 307	535 013	29 412 46
Total state	11 795	10 9	767	1 992	300	12 069	\$37 074 426	\$140 658 846	\$1 524 307	\$2 169 466	\$2 531 573	\$183 958 63
N. Y. Inst. for the Blind												
Elementary					1	1	\$181 143	\$217 741	\$2 520	\$4 307	\$1 287 513	\$1 643 28
Secondary					1	1	14 571	24 194	280	479	143 057	183 31
Total					1	1	145 714	241 935	2 800	4 786	1 430 570	1 825 56
N. Y. State School for the Blind												
Elementary				3	3	3	16 000	303 200	19 200	3 200	.....	341 60
Secondary				3	3	3	4 000	75 800	4 800	800	.....	85 60
Total				3	3	3	20 000	379 000	24 000	4 000	.....	427 60
Normal Col. of the City of N. Y.												
Elementary				1	1	1	250 000	100 000	.....	.....	1 000	351 00
Secondary				1	1	1	800 000	316 667	1 833	1 833	5 000	825 23
Total				2	2	2	750 000	416 667	1 833	1 833	6 000	1 176 23
Special schools, elementary				4	1	5	397 143	620 941	21 720	7 507	1 288 512	2 335 81
Special schools, secondary				4	1	5	518 571	416 661	6 913	3 112	148 057	1 096 31
Total, special schools				5	1	6	\$915 714	\$1 037 602	\$28 633	\$10 619	\$1 436 570	\$3 429 12

TICS OF PUBLIC SCHOOLS

teachers and census

LIBRARY		TEACHERS														No. of days school was in session	CENSUS		
No. of volumes in library	No. of volumes added to library during past year	No. of licensed teachers employed for legal term	No. of districts contracting	State certificates	College graduate certificates	Normal diplomas	Training class certificates	Commissioner certificates	Temporary licenses	Drawing	Musio	College prof.	Kindergarten	Males	Females		Boys	Girls	Total
921 720	133 640	22 085	396	2 281	789	4 238	6 233	8 842	21	54	45	333	16	1 738	21 119	193			
1 268 212	223 228	15 117	396	201	172	3 358	5 932	5 730	447	38	86	32	90	1 066	14 411	170			
2 189 933	356 868	37 152	396	2 482	961	7 596	12 185	14 572	468	92	131	365	106	3 428	35 530	177			
225 840	14 084	2 260	.....	141	482	276	60	1 184	2	38	8	183	2	886	1 450	193			
504 853	23 223	1 818	.....	137	525	734	39	1 153	20	14	2	341	3	609	1 289	194			
729 922	37 307	4 078	.....	278	1 007	1 010	99	1 307	22	52	10	524	5	1 595	2 719	193			
1 157 500	147 724	24 295	.....	2 422	1 271	4 514	6 293	9 996	23	53	516	18	2 629	22 569	193	723 611	741 411	1 465 022	
1 782 298	246 451	16 936	396	338	697	4 092	5 991	5 883	467	52	88	373	93	2 394	15 690	170	233 893	228 020	461 913
2 919 856	394 175	41 231	396	2 780	1 968	9 606	12 284	15 879	490	144	141	889	111	5 023	38 249	177	957 504	960 431	1 926 935
5 055	.....	21	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	8	13	178	.....	.....	.....
561	.....	3	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1	2	178	.....	.....	.....
5 616	.....	24	.....	.....	6	2	.....	.....	.....	.....	.....	.....	.....	9	15	178	.....	.....	.....
4 900	56	16	.....	.....	3	2	.....	3	.....	.....	2	.....	2	7	9	186	.....	.....	.....
1 224	14	3	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	2	186	.....	.....	.....
6 124	70	19	.....	.....	4	2	.....	3	.....	.....	3	.....	2	8	11	186	.....	.....	.....
3 856	419	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	186	.....	.....	.....
3 856	419	96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	91	186	.....	.....	.....
9 865	56	63	.....	.....	5	4	.....	3	.....	.....	2	.....	2	15	49	183	.....	.....	.....
5 471	433	103	.....	.....	5	.....	.....	.....	.....	.....	1	.....	.....	7	95	183	.....	.....	.....
15 426	490	166	.....	.....	10	4	.....	3	.....	.....	3	.....	2	22	144	183	.....	.....	.....

TABLE 3 — STATISTICS

Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGIS- TERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PRE- VIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Ulster co., 1st com'r dist.												
Elementary schools.	961	1 041	2 002	74	89	163						
Secondary schools..	38	42	80					2	2			
Total.....	999	1 083	2 082	74	89	163		2	2			
2d com'r dist.												
Elementary schools.	570	498	1 068	46	48	94	3	2	5	1		1
Secondary schools..												
Total.....	570	498	1 068	46	48	94	3	2	5	1		1
3d com'r dist.												
Elementary schools.	1 381	1 220	2 701	103	93	196	2	1	3	2		2
Secondary schools..	16	27	43	2	1	3	2	8	10		1	1
Total.....	1 397	1 247	2 744	105	94	199	4	9	13	2	1	3
Alegany co., 1st com'r dist.												
Elementary schools.	1 584	1 482	3 066	200	158	358	6	2	8	4	2	6
Secondary schools..	104	136	240	2	1	3	17	26	43			
Total.....	1 688	1 618	3 306	202	159	361	23	28	51	4	2	6
2d com'r dist.												
Elementary schools.	2 607	2 367	4 974	166	150	316	20	8	28		1	1
Secondary schools..	209	292	501	1	5	6	65	104	169	2		2
Total.....	2 816	2 659	5 475	167	155	322	85	112	197	2	1	3
Broome co., 1st com'r dist.												
Elementary schools.	1 305	1 293	2 598	129	153	281	7	8	15	1		1
Secondary schools..	53	76	129	1		1	11	19	30			
Total.....	1 358	1 369	2 727	130	153	282	18	27	45	1		1
2d com'r dist.												
Elementary schools.	1 701	1 651	3 352	180	199	379	3	3	6			
Secondary schools..	68	101	169	1	5	6	10	13	23		1	1
Total.....	1 769	1 752	3 521	181	204	385	13	16	29		1	1
Cattaraugus co., 1st com'r dist.												
Elementary schools.	1 762	1 645	3 407	142	135	277	5	2	7	2		2
Secondary schools..	100	156	256	2	3	5	19	31	50			
Total.....	1 862	1 801	3 663	144	138	282	24	33	57	2		2
2d com'r dist.												
Elementary schools.	1 895	1 696	3 591	118	102	220	1	5	6	11	3	14
Secondary schools..	125	174	299		1	1	24	38	62			
Total.....	2 020	1 870	3 890	118	103	221	25	43	68	11	3	14
3d com'r dist.												
Elementary schools.	1 485	1 424	2 909	142	137	279	6	2	8			
Secondary schools..	103	159	262	1		1	16	18	34			
Total.....	1 588	1 583	3 171	143	137	280	22	20	42			
Cayuga co., 1st com'r dist.												
Elementary schools.	1 267	1 295	2 562	142	165	307	1		1			
Secondary schools..	69	108	177	1		1	13	15	27			
Total.....	1 436	1 403	2 839	143	165	308	13	15	28			
2d com'r dist.												
Elementary schools.	1 545	1 444	2 989	153	174	327	3	3	6	12	8	20
Secondary schools..	40	77	117		3	3	11	12	23			
Total.....	1 585	1 521	3 106	153	177	330	14	15	29	12	8	20

OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
120 815	127 561	248 376				673	717	1 390			
5 550	6 241	11 791			295	29	33	62		2	2
126 366	133 802	260 167			295	702	750	1 452		2	2
59 931	52 434	112 365	55	196	251	375	325	700		1	1
59 931	52 434	112 365	55	196	251	375	325	700		1	1
173 005	169 219	342 224	189	84	273	934	934	1 868			
2 406	4 361	6 767	326	1 084	1 410	13	23	36	2	6	8
175 411	173 589	348 999	475	1 168	1 643	947	957	1 904	2	6	8
180 244	164 594	344 838	341	189	530	1 085	966	2 071	1	1	2
14 560	20 469	35 029	2 142	3 635	5 777	78	109	187	12	20	32
194 804	185 063	379 867	2 433	3 824	6 307	1 163	1 095	2 258	13	21	34
321 933	293 962	615 895	2 255	713	2 968	1 892	1 729	3 621	19	4	23
30 961	44 985	75 946	8 385	12 994	21 379	163	236	399	46	79	116
332 394	338 947	671 341	10 640	13 707	24 347	2 055	1 965	4 020	65	74	139
151 449	141 695	293 144	253	270	523	900	844	1 744	1	2	3
7 060	11 953	19 013	1 450	2 027	3 477	38	64	102	8	11	19
158 329	153 678	312 007	1 703	2 297	4 000	936	908	1 844	9	13	22
210 424	206 253	416 677	180	38	198	1 197	1 173	2 370	1		1
10 283	13 818	24 101	1 121	1 805	2 926	54	73	127	6	10	16
220 707	220 071	440 778	1 281	1 843	3 124	1 251	1 246	2 497	7	10	17
210 409	193 690	404 099	292	133	425	1 172	1 128	2 300	3	2	5
13 948	21 990	35 938	2 745	4 248	6 993	74	117	191	15	23	37
224 257	215 650	440 007	3 037	4 381	7 418	1 246	1 245	2 491	18	24	42
243 944	219 873	463 817	197	561	758	1 385	1 353	2 738		3	3
13 968	27 410	41 378	3 249	5 424	8 673	99	142	241	17	29	46
262 912	247 282	510 195	3 446	5 985	9 431	1 484	1 495	2 979	17	32	49
189 182	178 321	367 473	488	1 023	1 511	1 083	1 017	2 100	2	5	7
15 966	24 263	39 959	2 202	2 545	4 747	81	127	208	12	13	25
204 848	202 594	407 432	2 690	3 568	6 258	1 164	1 144	2 308	14	18	32
155 625	150 402	306 027	25		25	899	865	1 764			
9 473	16 455	25 928	1 880	2 256	4 116	49	86	135	10	12	22
165 998	166 857	331 955	1 885	2 256	4 141	948	951	1 899	10	12	22
184 622	172 816	357 439	157	309	466	1 079	1 002	2 081	1	2	3
6 273	10 100	16 373	1 384	1 738	3 122	32	52	84	7	9	16
189 896	182 916	372 812	1 541	2 047	3 588	1 111	1 054	2 165	8	11	19

TABLE 3 (continued) — STATIS—
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGIS- TERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PRE- VIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Chautauque co., 1st com'r dist.												
Elementary schools.	1 305	1 280	2 585	83	102	185	7	6	13			
Secondary schools.	62	107	169	4	5	9	21	25	46			3
Total.	1 367	1 387	2 754	87	107	194	28	31	59			3
2d com'r dist.												
Elementary schools.	2 525	2 384	4 909	166	187	353	13	3	16			
Secondary schools.	156	251	407	4	5	9	44	52	96	1		1
Total.	2 681	2 635	5 316	170	192	362	57	55	112	1		1
3d com'r dist.												
Elementary schools.	1 822	1 745	3 567	184	169	353	6	3	9			
Secondary schools.	94	144	238	3		3	27	24	51			
Total.	1 916	1 889	3 805	187	169	356	33	27	60			
Chemung co.												
Elementary schools.	1 705	1 653	3 358	188	175	363	3	1	4			
Secondary schools.	66	83	149	4	4	8	10	21	31	1		1
Total.	1 771	1 736	3 507	192	179	371	13	22	35	1		1
Chenango co., 1st com'r dist.												
Elementary schools.	1 818	1 762	3 580	165	154	319	8	4	12			2
Secondary schools.	141	225	389		1	1	22	50	72			2
Total.	1 959	1 990	3 949	165	155	320	30	54	84			2
2d com'r dist.												
Elementary schools.	1 419	1 358	2 777	133	131	264	2	2	4			
Secondary schools.	97	137	234	2	1	3	16	17	33	1		1
Total.	1 516	1 495	3 011	135	132	267	18	19	37	1		1
Clinton co., 1st com'r dist.												
Elementary schools.	1 751	1 677	3 428	113	136	249	7	3	10	4	7	11
Secondary schools.	42	49	91					5	5			
Total.	1 793	1 726	3 519	113	136	249	7	8	15	4	7	11
2d com'r dist.												
Elementary schools.	1 028	870	1 898	31	30	61	9	2	11			
Secondary schools.		13	13				3	2	5			
Total.	1 028	883	1 911	31	30	61	12	4	16			
3d com'r dist.												
Elementary schools.	1 413	1 319	2 732	131	98	229	7	9	16	1	1	2
Secondary schools.	35	47	82				5	22	27		1	1
Total.	1 448	1 366	2 814	131	98	229	12	31	43	1	2	3
Columbia co., 1st com'r dist.												
Elementary schools.	1 180	1 127	2 307	82	88	170	2		2			
Secondary schools.	15	15	30									
Total.	1 195	1 142	2 337	82	88	170	2		2			
2d com'r dist.												
Elementary schools.	1 671	1 630	3 301	168	121	289	4	1	5			
Secondary schools.	73	85	158		2	2	13	15	28			
Total.	1 744	1 715	3 459	168	123	291	17	16	33			
Cortland co., 1st com'r dist.												
Elementary schools.	824	836	1 660	101	92	193	2	4	6			
Secondary schools.	31	57	88	1	1	2	10	6	16			
Total.	855	893	1 748	102	93	195	12	10	22			

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
162 052	151 928	313 980	552	211	763	895	845	1 740	14	5	19
8 559	17 254	25 813	2 930	3 550	6 480	45	90	135	15	19	34
170 611	169 182	339 793	3 482	3 761	7 243	940	935	1 875	29	24	53
341 980	311 555	653 535	810	416	1 226	1 887	1 720	3 607	2	2	4
23 335	40 254	63 589	6 216	7 332	13 548	123	210	333	33	39	72
365 315	361 809	717 124	7 026	7 748	14 774	2 010	1 930	3 940	35	41	76
222 465	215 528	437 993	550	311	861	1 269	1 223	2 492	3	1	4
14 295	22 397	36 692	3 538	3 625	7 163	75	117	192	18	19	37
236 700	237 925	474 625	4 068	3 936	8 004	1 344	1 340	2 684	21	20	41
203 502	199 531	400 123	189	140	329	1 158	1 121	2 279	1	.....	1
9 292	12 134	21 426	1 557	2 773	4 330	49	64	113	8	15	23
212 894	208 685	421 549	1 746	2 913	4 659	1 207	1 185	2 392	9	15	24
226 322	223 190	449 512	619	618	1 237	1 317	1 304	2 621	1	2	3
19 298	36 780	56 158	4 201	6 270	10 471	103	195	298	22	34	56
245 799	259 950	505 710	4 820	6 888	11 708	1 420	1 499	2 919	23	36	59
163 354	157 044	320 398	154	252	406	946	907	1 853	.....	.....	.....
14 698	21 905	36 603	2 495	2 845	5 340	77	115	192	14	16	30
178 052	175 949	357 001	2 649	3 097	5 746	1 023	1 022	2 045	14	16	30
182 875	176 955	360 830	298	294	592	1 067	1 053	2 140	2	1	3
5 028	7 343	12 371	.....	707	707	26	38	64	4	4	8
188 903	184 298	373 201	298	1 001	1 299	1 113	1 091	2 204	2	5	7
87 718	83 082	170 800	132	122	254	555	498	1 053	1	.....	1
.....	2 302	3 302	446	363	809	.....	12	12	2	2	4
87 718	85 384	173 102	578	485	1 063	555	510	1 065	3	2	5
146 896	134 216	281 112	679	988	1 667	883	801	1 684	5	6	11
4 511	7 428	11 947	720	2 414	3 134	24	39	63	3	12	15
161 407	141 632	293 059	1 399	3 402	4 801	907	840	1 747	8	18	26
143 222	124 682	278 064	84	.....	84	797	750	1 547	.....	.....	.....
2 141	2 008	4 149	.....	.....	.....	11	11	22	.....	.....	.....
145 523	136 680	282 213	84	.....	84	808	761	1 569	.....	.....	.....
199 449	199 454	398 903	260	66	326	1 110	1 110	2 220	2	.....	2
11 073	14 333	25 405	2 107	2 352	4 459	60	77	137	11	13	24
210 522	213 786	424 308	2 367	2 418	4 785	1 170	1 187	2 357	13	13	26
83 250	94 549	187 899	223	439	662	559	559	1 118	1	2	3
4 193	8 450	12 643	1 370	887	2 257	22	46	68	7	5	12
97 543	102 990	200 542	1 593	1 326	2 919	551	605	1 156	8	7	15

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGIS- TERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PRE- VIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Cortland co. (cont'd)												
2d com'r dist.												
Elementary schools.	801	737	1 538	81	65	146		3	3			
Secondary schools.	53	68	126				7	19	26			
Total.	859	805	1 664	81	65	146	7	22	29			
Delaware co., 1st com'r dist.												
Elementary schools.	2 746	2 654	5 400	262	261	523	18	18	36	5	1	6
Secondary schools.	120	172	292	2	1	3	59	61	120	1	1	2
Total.	2 866	2 826	5 692	264	262	526	77	79	156	6	2	8
2d com'r dist.												
Elementary schools.	1 955	1 821	3 776	187	174	361	20	9	29	1		1
Secondary schools.	98	151	244	2	2	4	28	43	71	1		1
Total.	2 048	1 972	4 020	189	176	365	48	52	100	2		2
Dutchess co., 1st com'r dist.												
Elementary schools.	2 500	2 382	4 882	200	196	396	3	4	7	1		1
Secondary schools.	700	148	248	4	2	6	10	19	29			
Total.	2 000	2 530	5 130	204	198	402	13	23	36	1		1
2d com'r dist.												
Elementary schools.	2 192	2 143	4 335	214	221	435	1		1			
Secondary schools.	77	117	194		1	1	2	18	20			
Total.	2 269	2 260	4 529	214	222	436	3	18	21			
Essex co., 1st com'r dist.												
Elementary schools.	2 738	2 745	5 483	191	216	407	3	1	4			
Secondary schools.	154	182	336	12	15	27	19	26	45			
Total.	2 892	2 927	5 819	203	231	434	22	27	49			
2d com'r dist.												
Elementary schools.	2 576	2 468	5 044	196	196	392	5	2	7			
Secondary schools.	160	188	348	4	7	11	19	27	46	1	2	3
Total.	2 736	2 656	5 392	200	203	403	24	29	53	1	2	3
3d com'r dist.												
Elementary schools.	1 648	1 478	3 126	153	117	275	2	1	3			
Secondary schools.	89	117	206	1		1	16	28	44			
Total.	1 737	1 595	3 332	159	117	276	18	29	47			
Essex co., 1st com'r dist.												
Elementary schools.	1 522	1 434	3 006	100	117	217	25	21	46	1	2	3
Secondary schools.	50	55	105	2		2	21	18	39			
Total.	1 572	1 539	3 111	102	117	219	46	39	85	1	2	3
2d com'r dist.												
Elementary schools.	1 621	1 549	3 170	97	90	187	2	7	9	4	2	6
Secondary schools.	92	162	254		1	1	12	23	35		2	2
Total.	1 713	1 711	3 424	97	91	188	14	30	44	4	4	8
Franklin co., 1st com'r dist.												
Elementary schools.	2 751	2 689	5 440	213	223	436	6	6	12			
Secondary schools.	120	238	358				48	53	101	1	3	4
Total.	2 871	2 927	5 798	213	223	436	54	59	113	1	3	4
2d com'r dist.												
Elementary schools.	2 129	2 046	4 175	291	222	513	4	6	6			
Secondary schools.	83	156	239	2	1	3	20	30	60		1	1
Total.	2 212	2 202	4 414	293	223	516	24	32	66		1	1

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
83 168	87 966	181 164	.....	148	148	548	534	1 082	1	10	11
3 964	10 808	19 808	1 206	2 504	3 710	48	58	106	6	13	19
162 132	98 885	209 967	1 206	2 652	3 858	596	592	1 188	7	23	30
315 800	297 726	613 526	1 000	1 588	3 188	1 688	1 629	3 317	9	9	18
17 751	25 947	43 698	8 534	9 002	17 536	95	139	234	47	48	95
333 551	323 673	657 224	10 134	10 580	20 724	1 783	1 768	3 551	56	57	113
233 426	213 889	446 815	1 882	470	2 352	1 381	1 266	2 647	11	6	17
13 112	22 984	36 036	3 863	6 438	10 351	70	122	192	20	34	54
246 538	236 313	482 851	5 745	6 958	12 703	1 451	1 388	2 839	31	40	71
314 526	297 776	612 302	316	492	808	1 719	1 624	3 343	2	3	5
16 385	23 584	39 969	1 099	2 733	3 832	86	124	210	6	14	20
330 911	321 380	652 271	1 415	3 225	4 640	1 805	1 748	3 553	8	17	25
275 046	254 380	529 426	28	1	29	1 497	1 387	2 884	1	1	2
16 698	17 974	28 662	227	2 659	2 886	57	96	153	1	14	15
235 734	372 354	558 088	255	2 660	2 915	1 554	1 483	3 037	2	15	17
244 925	349 238	604 163	364	176	540	1 875	1 903	3 778	2	1	3
21 887	28 075	49 962	2 763	4 167	6 930	114	146	260	15	22	37
306 812	377 313	744 125	3 127	4 343	7 470	1 069	2 049	4 088	17	23	40
337 918	327 317	665 235	403	184	587	1 824	1 758	3 582	1	1	2
22 469	29 248	51 817	2 544	3 962	6 506	118	155	273	14	21	35
309 387	356 065	717 052	2 947	4 146	7 093	1 942	1 913	3 855	15	22	37
176 296	164 486	340 782	276	158	434	1 043	971	2 014	2	1	3
13 230	17 908	30 938	1 915	3 991	5 906	72	94	166	10	21	31
189 026	182 064	371 720	2 191	4 149	6 340	1 115	1 065	2 180	12	22	34
179 572	163 927	343 499	1 224	1 668	2 992	1 029	979	2 008	7	9	16
7 041	9 509	16 550	2 354	1 581	3 935	37	50	87	12	8	20
186 613	173 436	360 049	3 678	3 249	6 927	1 066	1 029	2 095	19	17	36
195 322	187 806	383 837	20	548	568	1 127	1 076	2 203	.....	2	2
12 870	24 049	36 919	1 265	2 328	3 613	68	130	198	7	12	19
208 202	211 554	419 756	1 305	2 876	4 181	1 195	1 206	2 401	7	14	21
335 446	312 442	647 888	428	767	1 195	1 933	1 813	3 746	3	4	7
17 186	28 863	56 081	7 117	7 734	14 851	90	204	294	37	41	78
303 641	351 306	703 949	7 545	8 501	16 046	2 023	2 017	4 040	40	45	85
232 597	249 194	482 097	255	499	754	1 451	1 437	2 888	1	2	3
11 747	25 578	37 320	4 398	4 062	8 448	62	136	198	23	22	45
244 635	274 772	519 407	4 641	4 561	9 202	1 513	1 573	3 086	24	24	48

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGIS- TERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PRE- VIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Fulton co.												
Elementary schools	1 346	1 378	2 724	112	152	264	3	2	5			
Secondary schools	16	29	45		2	2	3	2	5			
Total	1 362	1 407	2 769	112	154	266	6	4	10			
Genesee co.												
Elementary schools	3 160	2 936	6 105	323	282	585	12	6	18	7	7	14
Secondary schools	211	301	512	3	5	8	61	71	132	7	1	1
Total	3 370	3 237	6 617	326	287	593	73	77	150	7	8	15
Greene co., 1st com'r dist.												
Elementary schools	1 617	1 518	3 135	104	98	202	4	1	5			
Secondary schools	94	120	214	1	1	2	21	27	48	1		1
Total	1 711	1 638	3 349	105	99	204	25	28	53	1		1
2d com'r dist.												
Elementary schools	1 108	990	2 107	97	99	196	7	10	17		1	1
Secondary schools	86	68	154	1	3	4	8	18	26			
Total	1 194	1 057	2 251	98	102	200	15	28	43		1	1
Hamilton co.												
Elementary schools	473	487	960	25	21	46	5	1	6			
Secondary schools	15	22	37				3	4	7			
Total	488	509	997	25	21	46	8	5	13			
Herkimer co., 1st com'r dist.												
Elementary schools	1 831	1 828	3 659	163	161	324	6	6	12	1		1
Secondary schools	111	177	288		1	1	18	35	53			
Total	1 942	2 005	3 947	163	162	325	24	41	65	1		1
2d com'r dist.												
Elementary schools	1 978	1 893	3 871	166	129	295	4	1	5	3	5	8
Secondary schools	143	215	361		1	1	23	40	63			
Total	2 121	2 111	4 232	166	130	296	27	41	68	3	5	8
Jefferson co., 1st com'r dist.												
Elementary schools	1 331	1 242	2 573	195	180	375	7	5	12	1		1
Secondary schools	86	71	157	1	1	2	5	15	20			
Total	1 387	1 313	2 700	196	181	377	12	20	32	1		1
2d com'r dist.												
Elementary schools	2 068	1 961	4 029	210	209	419	7	9	16			
Secondary schools	146	223	369	2	2	4	21	45	66			
Total	2 214	2 184	4 398	212	211	423	28	54	82			
3d com'r dist.												
Elementary schools	1 933	1 841	3 774	192	161	353	8	4	12	1	1	2
Secondary schools	135	146	281	10	7	17	26	21	47			
Total	2 068	1 987	4 055	202	168	370	34	25	59	1	1	2
Lewis co., 1st com'r dist.												
Elementary schools	1 069	973	2 042	106	102	208	2	1	3		2	2
Secondary schools	31	55	86		1	1	3	16	19			
Total	1 100	1 028	2 128	106	103	209	5	17	22		2	2
2d com'r dist.												
Elementary schools	1 568	1 476	3 044	133	131	269	7	2	9		1	1
Secondary schools	61	103	164	1	5	6	20	27	47	3	1	4
Total	1 629	1 579	3 208	133	136	275	27	29	56	3	2	5
Livingston co., 1st com'r dist.												
Elementary schools	1 972	1 746	3 718	168	142	310	6	5	11	11	10	21
Secondary schools	122	152	274	4	1	5	28	32	60			
Total	2 094	1 898	3 992	172	143	315	34	37	71	11	10	21

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
148 468	147 804	296 272	81	336	417	890	873	1 753	.....	1	1
2 367	4 570	6 937	528	290	818	13	24	37	8	2	5
180 825	152 374	303 209	609	626	1 235	893	897	1 790	8	3	6
380 136	369 391	759 527	952	767	1 719	2 197	2 066	4 283	7	4	11
29 896	45 746	75 632	8 430	11 153	19 583	161	245	406	44	60	104
420 022	415 137	835 159	9 382	11 920	21 302	2 358	2 331	4 689	51	64	115
197 094	185 486	382 580	137	45	182	1 098	1 024	2 122	.....	1	1
14 340	17 060	32 000	3 087	2 758	5 845	76	95	171	17	14	31
211 434	203 146	414 580	3 224	2 803	6 027	1 174	1 119	2 293	17	15	32
122 609	116 062	248 691	206	410	618	773	677	1 450	1	2	3
5 209	9 737	14 946	1 168	2 119	3 287	27	51	78	6	12	18
137 818	125 819	263 637	1 376	2 529	3 905	800	728	1 528	7	14	21
55 148	56 375	111 523	418	71	494	323	327	650	2	.....	2
2 085	3 260	5 295	222	462	684	11	18	29	1	2	3
57 187	59 635	116 818	635	533	1 168	334	345	679	3	2	5
246 423	230 816	486 239	338	247	735	1 261	1 220	2 681	2	1	3
16 061	28 613	44 674	2 694	5 261	7 955	85	152	237	15	29	44
262 484	268 429	530 913	3 062	5 608	8 690	1 446	1 472	2 918	17	30	47
264 185	254 908	519 083	268	.....	268	1 478	1 424	2 902	2	.....	2
21 867	33 789	55 656	3 489	6 367	9 856	116	178	294	18	35	53
226 062	268 667	574 739	3 757	6 367	10 124	1 594	1 602	3 196	20	35	55
148 332	134 096	282 428	213	700	913	890	813	1 703	1	4	5
7 964	10 314	18 278	381	2 055	2 436	43	55	98	2	11	13
156 296	144 410	300 706	594	2 755	3 349	933	868	1 801	3	15	18
247 826	236 901	484 727	304	744	1 048	1 375	1 317	2 692	.....	3	3
21 921	33 165	55 086	3 162	5 518	8 680	116	176	292	17	29	46
269 747	270 066	539 813	3 466	6 262	9 728	1 491	1 493	2 984	17	32	49
229 803	224 866	454 669	361	367	728	1 352	1 328	2 680	3	1	4
20 961	22 630	43 591	3 188	3 223	6 411	111	118	229	17	18	35
250 764	247 496	498 260	3 549	3 590	7 139	1 463	1 446	2 909	20	19	39
115 024	101 110	216 134	29	.....	29	673	632	1 305	1	.....	1
4 363	8 938	13 301	278	2 062	2 340	22	46	68	1	11	12
119 387	110 048	229 435	307	2 062	2 369	695	678	1 373	2	11	13
169 732	158 911	328 663	742	293	1 035	1 032	955	1 987	5	1	6
9 270	17 384	26 654	2 864	3 700	6 564	48	89	137	14	20	34
179 022	176 295	355 317	3 066	3 993	7 599	1 060	1 044	2 124	19	21	40
240 632	217 294	457 926	367	566	933	1 375	1 238	2 613	1	3	4
16 770	23 509	40 279	3 251	4 627	7 878	91	127	218	18	25	43
257 408	240 808	498 206	3 618	5 193	8 811	1 466	1 365	2 831	19	28	47

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	Livingston co. (cont'd)											
2d com'r dist.												
Elementary schools..	1 242	1 172	2 414	57	48	115	6	3	9			
Secondary schools..	81	102	183	2	1	3	21	25	46	1		1
Total.....	1 323	1 274	2 597	59	49	118	27	28	55	1		1
Madison co., 1st com'r dist.												
Elementary schools..	1 321	1 219	2 540	140	144	284	1	11	12			
Secondary schools..	99	102	201	2	3	5	16	36	54			
Total.....	1 420	1 411	2 831	142	147	289	19	47	66			
2d com'r dist.												
Elementary schools..	1 577	1 509	3 086	130	144	274	8	7	15			
Secondary schools..	88	119	207		3	3	20	28	57	1		1
Total.....	1 665	1 628	3 293	130	147	277	37	35	72	1		1
Monroe co., 1st com'r dist.												
Elementary schools..	2 784	2 506	5 290	257	242	499	4	4	8	3		3
Secondary schools..	157	189	346	3	1	4	15	24	39		1	1
Total.....	2 941	2 695	5 636	260	243	503	19	28	47	3	1	4
2d com'r dist.												
Elementary schools..	2 553	2 338	4 891	225	203	428	7	1	8			
Secondary schools..	77	157	234	13	9	22	8	19	27			
Total.....	2 630	2 495	5 125	238	212	450	15	20	35			
Montgomery co.												
Elementary schools..	2 257	2 158	4 415	178	187	365	6	5	11	6	12	18
Secondary schools..	116	147	263	5	4	9	15	35	50	1		1
Total.....	2 373	2 305	4 678	183	191	374	21	40	61	7	12	19
Nassau co.												
Elementary schools..	7 746	7 388	15 134	536	483	1 019	23	36	59			
Secondary schools..	305	437	742	6	9	15	23	41	64			
Total.....	8 051	7 825	15 876	542	492	1 034	46	77	123			
Niagara co., 1st com'r dist.												
Elementary schools..	1 031	985	2 016	134	138	272	1	2	3			
Secondary schools..	51	74	125	1		1		4	4			
Total.....	1 082	1 059	2 141	135	138	273	1	6	7			
2d com'r dist.												
Elementary schools..	1 911	1 757	3 668	198	176	374	5		5			
Secondary schools..	29	51	80					13	13			
Total.....	1 940	1 808	3 748	198	176	374	5	13	18			
Oneida co., 1st com'r dist.												
Elementary schools..	1 395	1 285	2 680	123	104	227						
Secondary schools..	55	70	125		2	2	4	15	19			
Total.....	1 450	1 355	2 805	123	106	229	4	15	19			
2d com'r dist.												
Elementary schools..	1 802	1 595	3 397	132	117	249	5	3	8			
Secondary schools..	117	183	300	2		2	30	34	64	2		2
Total.....	1 919	1 778	3 697	134	117	251	35	37	72	2		2
3d com'r dist.												
Elementary schools..	1 136	1 139	2 275	103	97	200	5	7	12			
Secondary schools..	43	65	108	1		1	12	14	26			
Total.....	1 179	1 204	2 383	104	97	201	17	21	38			
4th com'r dist.												
Elementary schools..	1 356	1 312	2 668	161	150	311	9	8	17		1	1
Secondary schools..	55	112	167	1	1	2	20	24	44			
Total.....	1 411	1 424	2 835	162	151	313	29	32	61		1	1

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
152 733	143 438	296 171	438	301	739	869	841	1 710	2	2	4
11 531	16 084	27 615	2 935	3 963	6 898	628	57	149	18	21	37
164 284	159 522	323 786	3 373	4 264	7 637	931	928	1 859	18	23	41
157 200	144 005	301 205	73	646	719	932	865	1 797	2	1	4
14 065	28 779	42 844	2 466	4 923	7 329	75	154	229	13	28	41
171 285	173 784	344 049	2 479	5 569	8 048	1 007	1 019	2 026	16	29	45
194 811	192 902	387 713	396	723	1 119	1 116	1 101	2 217	2	2	5
11 658	18 809	30 467	3 529	3 919	7 447	61	101	162	21	22	43
206 469	211 711	418 180	4 224	4 642	8 866	1 177	1 202	2 379	23	25	48
268 180	313 028	661 188	379	396	775	1 938	1 765	3 703	2	2	5
22 696	30 916	54 602	1 531	3 787	5 318	126	164	290	10	20	30
271 846	343 944	715 790	2 210	4 133	6 393	2 064	1 929	3 993	12	23	35
305 612	294 306	599 918	725	170	895	1 718	1 655	3 373	2	1	4
11 563	25 673	37 236	1 247	2 825	4 072	60	134	194	8	15	23
317 175	319 979	637 154	1 972	2 995	4 967	1 778	1 789	3 567	11	16	27
201 832	274 742	566 575	243	556	799	1 614	1 516	3 130	1	1	2
16 106	22 480	38 586	2 285	5 045	7 330	86	120	206	12	27	39
207 929	297 202	605 141	2 523	5 601	8 129	1 700	1 636	3 336	13	28	41
1 041 715	971 567	2 013 272	2 241	3 056	5 297	5 617	5 243	10 860	12	15	28
45 244	63 932	109 176	3 101	5 295	8 396	243	347	590	16	29	45
1 088 959	1 035 499	2 122 448	5 342	8 351	13 693	5 860	5 590	11 450	29	44	73
116 957	110 814	227 771	20	34	54	669	636	1 305			
8 415	13 280	21 675		636	636	43	68	111		3	3
125 372	124 074	249 446	20	670	690	712	704	1 416		8	8
219 849	211 775	431 624	461		461	1 247	1 198	2 445	2		2
4 633	8 331	12 964		2 259	2 259	24	43	67		12	12
224 452	220 106	444 558	461	2 259	2 720	1 271	1 241	2 512	2	12	14
182 773	175 201	356 974					988	965			
8 107	11 038	19 145	637	2 288	2 925	41	57	98	4	12	16
189 860	186 230	376 119	637	2 288	2 925	1 029	1 022	2 051	4	12	16
224 647	196 492	421 140	614	132	746	1 290	1 145	2 435	4		4
115 909	26 883	42 792	3 847	5 806	9 653	87	146	233	20	32	52
246 556	223 376	469 932	4 461	5 938	10 399	1 377	1 291	2 668	24	32	56
129 930	133 186	263 118	380	614	994	773	790	1 563	2	3	5
6 298	9 375	15 673	1 378	2 132	3 510	33	50	83	7	11	18
126 228	142 563	278 791	1 758	2 746	4 504	806	840	1 646	9	14	23
150 719	149 895	300 584	856	972	1 828	885	896	1 781	5	5	10
9 067	16 779	25 866	2 951	2 237	5 188	48	90	138	16	12	28
159 806	166 644	326 450	3 897	3 209	7 016	933	986	1 919	21	17	38

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Onondaga co., 1st com'r dist.												
Elementary schools.	1 767	1 684	3 451	180	185	365	2	2	4			
Secondary schools.	138	199	337	7	7	14	23	26	49			
Total.	1 905	1 883	3 788	187	192	379	25	28	53			
2d com'r dist.												
Elementary schools.	2 066	2 011	4 077	152	145	297	4	5	9	1		1
Secondary schools.	139	224	363	1	4	5	31	25	56		1	1
Total.	2 205	2 235	4 440	153	149	302	35	30	65	1	1	2
3d com'r dist.												
Elementary schools.	1 895	1 812	3 707	170	143	313	4		4			
Secondary schools.	131	171	302	1	2	3	10	6	16			
Total.	2 026	1 983	4 009	171	145	316	14	6	20			
Ontario co., 1st com'r dist.												
Elementary schools.	1 751	1 609	3 360	190	162	352	6	2	8	1		1
Secondary schools.	63	78	141	2	1	3	8	20	28			
Total.	1 814	1 687	3 501	192	163	355	14	22	36	1		1
2d com'r dist.												
Elementary schools.	1 837	1 772	3 609	168	147	315	10	4	14		3	3
Secondary schools.	143	247	390	1	1	2	43	44	87	2		2
Total.	1 980	2 019	3 999	169	148	317	53	48	101	2	3	5
Orange co., 1st com'r dist.												
Elementary schools.	2 768	2 784	5 552	220	198	418	2		2			
Secondary schools.	129	189	318	3	1	4	13	20	33			
Total.	2 897	2 973	5 870	223	199	422	15	20	35			
2d com'r dist.												
Elementary schools.	2 605	2 440	5 045	200	183	383		1	1			
Secondary schools.	108	122	230	3	1	4	6	19	25			
Total.	2 713	2 562	5 275	203	184	387	6	20	26			
Orleans co.												
Elementary schools.	2 785	2 551	5 316	254	212	466	17	9	26			
Secondary schools.	237	303	540	4	7	11	54	63	117			
Total.	3 002	2 854	5 856	258	219	477	71	72	143			
Oswego co., 1st com'r dist.												
Elementary schools.	1 316	1 164	2 480	126	130	256						
Secondary schools.	22	29	51				8	2	10			
Total.	1 338	1 193	2 531	126	130	256	8	2	10			
2d com'r dist.												
Elementary schools.	1 171	1 157	2 328	123	97	220	2	2	4			
Secondary schools.	54	114	168	1	2	3	13	19	32	1	3	4
Total.	1 225	1 271	2 496	124	99	223	15	21	36	1	3	4
3d com'r dist.												
Elementary schools.	1 366	1 294	2 650	140	160	300	6	1	7			
Secondary schools.	80	117	197	2	5	7	27	32	59		1	1
Total.	1 446	1 401	2 847	142	174	316	33	33	66		1	1
Otsego co., 1st com'r dist.												
Elementary schools.	1 805	1 694	3 499	180	160	349	8	3	11			
Secondary schools.	126	187	313	1	3	4	41	48	89			
Total.	1 931	1 881	3 812	181	172	353	49	51	100			
2d com'r dist.												
Elementary schools.	1 640	1 502	3 142	159	124	283	6	6	12			
Secondary schools.	97	143	240	1	2	3	20	37	57			
Total.	1 737	1 645	3 382	160	126	286	26	43	69			

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
231 378	226 346	457 624	350	36	385	1 239	1 194	2 433	1	1	2
21 831	33 725	54 556	3 046	4 129	7 175	115	172	287	16	21	37
253 109	299 071	512 180	3 396	4 164	7 560	1 354	1 366	2 720	17	22	39
278 472	272 841	551 313	462	485	947	1 571	1 470	3 041	3	4	7
19 313	33 442	52 755	5 101	3 418	8 519	102	176	278	27	17	44
297 785	306 283	604 068	5 563	3 908	9 466	1 673	1 646	3 319	30	21	51
241 712	235 427	477 139	257	.....	257	1 349	1 306	2 655	2	.....	2
19 613	26 363	45 976	1 647	1 029	2 676	102	141	243	8	6	14
261 325	261 790	523 115	1 964	1 029	2 933	1 451	1 447	2 898	10	6	16
216 963	206 804	423 767	548	324	872	1 216	1 121	2 337	2	2	4
9 339	12 980	22 349	1 300	2 632	3 932	48	67	115	7	14	21
226 352	219 764	446 116	1 848	2 066	4 804	1 264	1 188	2 452	9	16	25
235 588	205 518	441 106	648	451	1 099	1 274	1 226	2 500	3	2	5
21 439	36 661	58 150	6 142	6 441	12 583	112	192	304	31	34	65
257 077	242 179	499 256	6 790	6 892	13 682	1 386	1 418	2 804	34	36	70
336 460	352 234	708 694	68	.....	68	1 865	1 826	3 691	.....	.....	.....
18 969	30 125	49 094	1 768	2 861	4 629	90	158	257	9	15	24
375 419	382 359	757 778	1 836	2 861	4 697	1 964	1 984	3 948	9	15	24
333 460	310 880	644 340	.....	210	210	1 706	1 640	3 406	.....	1	1
17 156	18 963	36 119	623	2 990	3 613	91	99	190	4	17	21
350 616	329 843	680 459	623	3 200	3 823	1 857	1 739	3 596	4	18	22
242 525	328 745	671 270	1 415	582	1 977	1 927	1 853	3 780	7	3	10
24 266	47 000	81 396	7 622	10 322	17 944	178	243	421	40	54	94
376 921	375 745	752 666	9 037	10 884	19 921	2 105	2 096	4 201	47	57	104
136 578	130 781	266 359	.....	.....	.....	851	802	1 653	.....	.....	.....
2 640	4 201	6 841	1 210	348	1 558	13	22	35	6	2	8
141 218	134 982	276 200	1 210	348	1 558	864	824	1 688	6	2	8
132 580	134 106	266 688	.....	146	146	798	810	1 608	.....	.....	.....
8 479	18 237	26 716	1 706	2 729	4 435	44	96	140	9	15	24
141 969	152 345	293 404	1 706	2 876	4 581	842	906	1 748	9	15	24
154 173	148 697	302 870	671	158	824	919	681	1 800	2	2	4
10 361	17 405	27 766	3 233	4 662	7 895	55	94	149	18	25	43
164 534	166 102	330 636	3 904	4 805	8 709	974	975	1 949	20	27	47
242 276	205 284	447 560	834	230	1 064	1 219	1 176	2 395	5	.....	5
17 712	26 993	44 705	4 932	6 925	11 857	96	143	239	25	36	61
269 968	232 277	492 295	5 766	7 155	12 921	1 315	1 319	2 634	30	38	68
197 994	180 679	378 673	497	487	984	1 139	1 098	2 237	5	4	9
13 711	23 000	36 711	3 001	5 433	8 434	73	122	195	15	26	41
211 706	203 679	415 384	3 498	5 920	9 418	1 212	1 220	2 432	20	32	52

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Putnam co.												
Elementary schools.	1 180	1 215	2 395	55	60	115	1	1	2			
Secondary schools..	49	85	134				2	1	3			
Total.....	1 229	1 300	2 529	55	60	115	3	1	4			
Rensselaer co., 1st com'r dist.												
Elementary schools.	2 421	2 290	4 711	120	120	240	2	1	3	1	1	2
Secondary schools..	183	226	409	1	7	8	26	36	62	1	1	2
Total.....	2 604	2 516	5 120	121	127	248	28	37	65	2	2	4
2d com'r dist.												
Elementary schools.	1 455	1 320	2 775	106	90	196						
Secondary schools..	6	4	10									
Total.....	1 461	1 324	2 785	106	90	196						
Rockland co.												
Elementary schools.	3 789	3 658	7 445	191	199	390	4	1	5			
Secondary schools..	212	272	484	5	8	13	18	30	48	1	1	2
Total.....	4 001	3 928	7 929	196	207	403	22	31	53	1	1	2
St Lawrence co., 1st com'r dist.												
Elementary schools.	2 384	2 206	4 680	243	203	446	6	5	11			
Secondary schools..	131	254	385	1	5	6	39	44	83			
Total.....	2 515	2 550	5 065	244	208	452	45	49	94			
2d com'r dist.												
Elementary schools.	2 617	2 491	5 108	249	244	493	9	9	18			
Secondary schools..	141	201	342	3	3	6	25	54	79			
Total.....	2 758	2 692	5 450	252	247	499	34	63	97			
3d com'r dist.												
Elementary schools.	2 682	2 467	5 149	318	253	571	6	1	7			
Secondary schools..	118	127	245	1	3	4	20	23	43			
Total.....	2 800	2 594	5 394	319	256	575	26	24	50			
Saratoga co., 1st com'r dist.												
Elementary schools.	2 780	2 665	5 425	240	185	425	69	86	155	1	3	4
Secondary schools..	134	193	327	2	8	10	22	25	47			
Total.....	2 894	2 858	5 752	242	193	435	91	111	202	1	3	4
2d com'r dist.												
Elementary schools.	2 730	2 509	5 230	151	142	293	5	2	7			
Secondary schools..	245	264	509	1	2	3	15	14	29			
Total.....	2 975	2 773	5 748	152	144	296	20	16	36			
Schenectady co.												
Elementary schools.	1 478	1 306	2 784	112	80	192				2	4	6
Secondary schools..	34	40	74									
Total.....	1 512	1 346	2 858	112	80	192				2	4	6
Schoharie co., 1st com'r dist.												
Elementary schools.	1 038	1 025	2 063	94	107	201	5	2	7			
Secondary schools..	27	32	59	1	1	2	10	13	23			
Total.....	1 065	1 057	2 122	95	107	202	15	15	30			
2d com'r dist.												
Elementary schools.	1 308	1 253	2 561	102	120	222	6	9	15	3	2	5
Secondary schools..	86	106	192	1	1	2	17	16	33	1	1	2
Total.....	1 394	1 359	2 753	103	121	224	23	25	48	4	3	7
Schuyler co.												
Elementary schools.	1 232	1 332	2 564	113	116	229	9	6	15			
Secondary schools..	29	53	82	1	2	3	13	17	30			
Total.....	1 271	1 385	2 656	114	118	232	22	23	45			

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
152 528	152 173	304 701	150	.....	150	822	814	1 636	1	.....	1
7 492	13 114	20 606	351	183	534	38	68	106	2	1	3
109 020	165 287	225 307	501	183	684	860	882	1 742	3	1	4
323 457	302 349	624 806	91	163	254	1 847	1 701	3 548	1	3	4
26 576	32 101	58 677	3 336	4 699	7 935	147	175	322	18	24	42
349 032	334 450	683 482	3 427	4 762	8 189	1 994	1 876	3 870	19	27	46
167 607	150 996	318 465	.....	.....	.....	965	863	1 828	.....	.....	.....
898	723	1 531	.....	.....	.....	4	4	8	.....	.....	.....
168 215	151 681	319 996	.....	.....	.....	969	867	1 836	.....	.....	.....
521 870	496 292	1 020 162	304	104	406	2 781	2 695	5 476	2	1	3
21 114	30 852	70 996	2 753	5 165	7 918	168	214	382	14	27	41
563 984	528 174	1 091 158	3 057	5 269	8 326	2 949	2 909	5 858	16	28	44
277 893	270 496	548 394	689	352	1 032	1 611	1 567	3 178	3	2	5
20 308	30 368	50 677	6 141	7 448	13 589	107	206	313	33	39	72
296 207	309 844	606 051	6 821	7 800	14 621	1 718	1 773	3 491	36	41	77
304 518	282 150	586 668	804	1 454	2 258	1 812	1 663	3 475	6	7	13
20 959	32 410	53 369	3 106	8 129	11 237	109	171	280	15	42	57
326 477	314 560	640 037	3 912	9 563	13 496	1 921	1 834	3 755	21	49	70
337 032	285 448	622 480	671	154	825	1 798	1 654	3 452	2	.....	2
12 450	19 735	32 185	2 990	3 965	6 955	99	104	203	16	22	38
326 482	305 183	630 665	3 591	4 139	7 730	1 897	1 758	3 655	18	22	40
332 735	357 479	730 214	423	843	1 266	2 049	1 914	3 963	3	4	7
19 690	29 086	48 776	2 655	3 495	6 150	104	155	259	14	19	33
339 425	356 565	706 990	3 078	4 338	7 416	2 153	2 069	4 222	17	23	40
338 951	277 306	616 257	303	158	461	2 017	1 804	3 821	2	1	3
35 790	36 332	72 122	4 31	1 788	4 219	200	188	388	13	9	22
347 741	313 790	661 441	2 734	1 946	4 680	2 217	1 992	4 209	15	10	25
185 230	159 439	344 719	.....	.....	.....	1 041	905	1 946	.....	.....	.....
5 063	5 034	10 097	.....	.....	.....	28	30	58	.....	.....	.....
190 293	165 123	355 416	.....	.....	.....	1 069	935	2 004	.....	.....	.....
113 071	106 320	221 391	446	216	662	632	654	1 286	3	1	4
3 853	4 820	8 673	1 107	1 958	3 065	21	26	47	6	11	17
138 924	113 140	230 064	1 553	3 174	3 727	708	680	1 383	9	12	21
161 903	140 394	302 297	209	376	576	907	838	1 745	.....	2	2
12 007	16 822	29 429	1 822	2 262	4 084	67	69	136	11	12	23
184 510	157 216	321 726	2 022	2 638	4 660	974	927	1 901	11	14	25
185 790	146 314	312 104	630	279	909	970	846	1 827	2	1	3
5 637	8 080	13 617	2 093	2 537	4 540	30	43	73	11	13	24
171 337	154 294	325 721	2 633	2 816	5 499	1 008	891	1 900	13	14	27

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seneca co.												
Elementary schools..	1 764	1 602	3 456	163	164	327	3	5	8	.....	1	1
Secondary schools..	129	205	334	.....	1	1	31	32	63	.....	.....	.....
Total.....	1 893	1 807	3 790	163	165	328	34	37	71	.....	1	1
Steuben co., 1st com'r dist.												
Elementary schools..	2 006	1 939	3 945	194	208	402	15	6	21	5	6	11
Secondary schools..	187	278	465	2	3	5	42	45	87	.....	1	1
Total.....	2 193	2 217	4 410	196	211	407	57	51	108	5	7	12
2d com'r dist.												
Elementary schools..	2 052	2 058	4 110	188	177	365	5	4	9	4	1	5
Secondary schools..	96	161	257	5	4	9	24	20	44	.....	.....	.....
Total.....	2 148	2 219	4 367	193	181	374	29	24	53	4	1	5
3d com'r dist.												
Elementary schools..	1 416	1 409	2 825	133	133	266	9	4	13	.....	.....	.....
Secondary schools..	60	96	155	.....	.....	.....	12	15	27	.....	.....	.....
Total.....	1 476	1 504	2 980	133	133	266	21	19	40	.....	.....	.....
Suffolk co., 1st com'r dist.												
Elementary schools..	3 027	2 732	5 759	137	105	242	23	27	50	4	3	7
Secondary schools..	224	235	459	3	2	5	24	45	69	.....	.....	.....
Total.....	3 251	2 967	6 218	140	107	247	47	72	119	4	3	7
2d com'r dist.												
Elementary schools..	5 268	5 063	10 331	291	316	607	3	1	4	.....	.....	.....
Secondary schools..	273	410	683	9	6	15	23	39	61	.....	.....	.....
Total.....	5 541	5 473	11 014	300	322	622	25	40	65	.....	.....	.....
Sullivan co., 1st com'r dist.												
Elementary schools..	1 680	1 523	3 203	144	125	269	2	4	6	3	5	8
Secondary schools..	44	75	119	.....	2	2	10	5	15	.....	.....	.....
Total.....	1 724	1 598	3 322	144	127	271	12	9	21	3	5	8
2d com'r dist.												
Elementary schools..	2 189	2 035	4 224	170	174	344	8	8	16	1	2	3
Secondary schools..	51	65	116	.....	.....	.....	14	9	23	.....	.....	.....
Total.....	2 240	2 100	4 340	170	174	344	22	17	39	1	2	3
Toga co.												
Elementary schools..	2 229	2 137	4 366	189	187	376	11	6	17	.....	.....	.....
Secondary schools..	209	273	481	3	7	10	37	57	94	1	1	2
Total.....	2 438	2 409	4 847	192	194	386	48	63	111	1	1	2
Tompkins co., 1st com'r dist.												
Elementary schools..	620	617	1 237	64	75	139	7	1	8	.....	.....	.....
Secondary schools..	32	39	71	2	1	3	12	17	29	.....	7	7
Total.....	652	656	1 308	66	76	142	19	18	37	.....	7	7
2d com'r dist.												
Elementary schools..	1 044	925	1 969	110	99	209	9	8	17	.....	.....	.....
Secondary schools..	49	72	121	2	4	6	5	19	24	.....	2	2
Total.....	1 093	997	2 090	112	103	215	14	27	41	.....	2	2
Ulster co., 1st com'r dist.												
Elementary schools..	1 342	1 292	2 634	95	77	172	2	.....	2	.....	.....	.....
Secondary schools..	26	44	70	.....	.....	.....	.....	8	8	.....	1	1
Total.....	1 368	1 336	2 704	95	77	172	2	8	10	.....	1	1
2d com'r dist.												
Elementary schools..	2 608	2 441	5 049	243	195	438	13	25	37	1	.....	1
Secondary schools..	23	34	57	.....	.....	.....	2	3	5	.....	.....	.....
Total.....	2 631	2 475	5 106	243	195	438	14	28	42	1	.....	1

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
225 310	216 915	442 225	160	638	798	1 256	1 219	2 475	1	6	7
22 535	30 922	53 457	4 832	5 258	10 090	117	162	279	25	27	52
247 845	247 837	495 682	4 902	5 896	10 888	1 373	1 361	2 754	26	33	59
250 644	240 286	490 930	1 084	743	1 827	1 437	1 374	2 811	7	5	12
26 620	43 279	69 899	5 054	6 795	11 849	142	230	372	26	36	62
277 264	283 565	560 829	6 138	7 638	18 676	1 579	1 604	3 183	33	41	74
257 849	234 950	492 799	329	486	815	1 444	1 346	2 790	1	2	3
13 584	24 801	38 385	3 465	2 470	5 935	70	129	199	18	14	32
271 433	259 751	531 184	3 794	2 956	6 750	1 514	1 475	2 989	19	16	35
158 805	155 816	314 621	655	287	942	962	939	1 901	3	2	5
8 345	14 206	22 551	1 419	2 200	3 619	44	78	117	8	11	19
167 150	170 022	337 172	2 074	2 487	4 561	1 006	1 012	2 018	11	13	24
428 709	380 613	807 322	529	104	633	2 303	2 057	4 360	2	.....	2
32 643	36 217	68 860	3 421	6 058	9 479	178	195	373	19	34	53
459 352	416 830	876 182	3 950	6 162	10 112	2 481	2 252	4 733	21	34	55
718 446	689 476	1 407 922	384	186	570	3 852	3 684	7 536	2	.....	2
39 452	63 631	103 083	3 115	5 980	9 095	211	337	548	17	31	48
757 896	753 107	1 511 005	3 499	6 166	9 665	4 063	4 021	8 084	19	31	50
200 835	174 591	375 426	176	503	679	1 302	892	2 194	.....	4	4
6 170	10 283	16 453	1 510	486	1 995	32	54	86	8	2	10
207 005	184 874	391 879	1 686	988	2 674	1 334	946	2 280	8	6	14
260 155	223 123	473 278	639	315	954	1 463	1 313	2 776	1	.....	1
6 605	9 015	15 623	1 455	1 778	3 238	35	47	82	8	9	17
256 763	232 138	488 901	2 094	2 068	4 162	1 498	1 360	2 858	9	9	18
280 871	277 756	558 627	951	608	1 559	1 587	1 566	3 152	5	3	8
31 439	40 664	72 103	5 005	7 577	12 582	165	214	379	27	40	67
312 310	318 420	630 730	5 956	8 185	14 141	1 752	1 780	3 532	32	43	75
72 502	69 807	142 309	349	186	535	433	412	845	.....	1	1
4 844	5 805	10 649	1 836	1 636	3 472	26	30	56	10	8	18
77 346	75 412	152 758	2 185	1 822	4 007	459	442	901	10	9	19
122 505	110 294	233 799	711	1 132	1 843	719	642	1 361	3	6	9
7 221	10 344	17 565	620	2 962	3 582	39	55	94	4	16	20
126 726	120 638	251 364	1 331	4 094	5 425	758	667	1 425	7	22	29
159 812	148 637	308 449	112	.....	112	894	834	1 728	1	.....	1
3 813	6 376	10 189	.....	1 269	1 269	31	35	66	.....	7	7
163 625	155 013	318 638	112	1 269	1 381	915	869	1 784	1	7	8
282 765	277 575	570 340	713	2 090	2 803	1 609	1 527	3 136	4	11	15
2 789	4 789	7 578	188	551	739	14	25	39	1	3	4
286 554	282 364	577 918	901	2 641	3 542	1 623	1 582	3 175	5	14	19

TABLE 3 (continued) — STATIS-
Registration and

COMMISSIONER DISTRICTS	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGIS- TERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PRE- VIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGIS- TERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
Ulster co. (cont'd)													
3d com'r dist.													
Elementary schools..	1 996	1 926	3 922	140	117	257	5	6	11	2	.....	2
Secondary schools..	47	62	109	1	3	4	11	12	23	.....	1	1
Total.....	2 043	1 988	4 031	141	120	261	16	18	34	2	1	3
Warren co., 1st com'r dist.													
Elementary schools..	719	750	1 469	64	59	123	5	3	8	.....	.....	.....
Secondary schools..	24	24	48	1	.....	1	4	8	12	.....	.....	.....
Total.....	743	774	1 517	65	59	124	9	11	20	.....	.....	.....
2d com'r dist.													
Elementary schools..	1 010	1 077	2 087	92	108	200	1	7	8	.....	.....	.....
Secondary schools..	42	45	87	1	1	13	9	22	1	1	2
Total.....	1 052	1 122	2 174	93	108	201	14	16	30	1	1	2
Washington co., 1st com'r dist.													
Elementary schools..	2 063	1 867	3 930	128	113	241	2	3	5	.....	.....	.....
Secondary schools..	129	183	312	2	1	3	31	49	80	.....	.....	.....
Total.....	2 192	2 050	4 242	130	114	244	33	52	85	.....	.....	.....
2d com'r dist.													
Elementary schools..	2 516	2 578	5 094	169	172	341	11	10	21	.....	1	1
Secondary schools..	155	255	410	2	5	7	25	67	92	.....	.....	.....
Total.....	2 671	2 833	5 504	171	177	348	36	77	113	.....	1	1
Wayne co., 1st com'r dist.													
Elementary schools..	2 138	2 088	4 226	193	172	365	8	4	12	1	.....	1
Secondary schools..	171	245	416	5	14	19	34	51	85	1	.....	2
Total.....	2 309	2 333	4 642	198	186	384	42	55	97	2	1	3
2d com'r dist.													
Elementary schools..	2 529	2 284	4 763	226	222	448	10	7	17	27	24	51	
Secondary schools..	126	213	339	3	7	10	23	42	65	2	1	3	
Total.....	2 655	2 447	5 102	229	229	458	33	49	82	29	25	54	
Westchester co., 1st com'r dist.													
Elementary schools..	3 057	2 972	6 029	164	133	297	10	9	19	.....	.....	.....
Secondary schools..	150	208	358	1	2	3	10	21	31	1	.....	2
Total.....	3 207	3 175	6 382	165	135	300	20	30	50	1	.....	2
2d com'r dist.													
Elementary schools..	4 633	4 589	9 222	276	259	535	8	11	19	.....	1	1
Secondary schools..	287	362	649	10	9	19	35	45	80	1	.....	1
Total.....	4 920	4 951	9 871	286	268	554	43	56	99	1	.....	2
3d com'r dist.													
Elementary schools..	2 765	2 875	5 640	188	161	349	3	2	5	.....	.....	.....
Secondary schools..	108	145	253	.....	1	1	5	7	12	.....	.....	.....
Total.....	2 873	3 020	5 893	188	162	350	8	9	17	.....	.....	.....
Wyoming co., 1st com'r dist.													
Elementary schools..	1 673	1 683	3 356	145	131	276	2	3	5	.....	.....	.....
Secondary schools..	134	193	327	2	2	4	42	45	87	1	.....	2
Total.....	1 807	1 876	3 683	147	133	280	44	48	92	1	.....	2
2d com'r dist.													
Elementary schools..	1 179	1 037	2 216	110	95	205	7	3	10	4	.....	4
Secondary schools..	72	102	174	.....	1	1	15	17	32	.....	.....	.....
Total.....	1 251	1 139	2 390	110	96	206	22	20	42	4	.....	4
Yates co.													
Elementary schools..	1 598	1 622	3 220	173	150	323	4	1	5	.....	.....	3
Secondary schools..	106	195	301	1	2	3	31	76	107	.....	.....	.....
Total.....	1 704	1 817	3 521	174	152	326	35	77	112	.....	.....	3

TICS OF PUBLIC SCHOOLS

attendance of pupils

AVERAGE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 15 YEARS OF AGE			AGGREGATE DAILY ATTENDANCE OF ALL PUPILS OVER 15 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 15 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 15 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
239 271	219 248	449 619	266	315	581	1 337	1 266	2 603	1	1	2
8 777	8 802	15 579	1 584	1 708	3 292	36	47	83	9	10	19
237 148	228 080	465 198	1 840	2 063	3 903	1 373	1 312	2 686	10	11	21
78 584	78 970	157 554	183	281	464	478	477	955		2	2
8 657	8 458	7 095	362	908	1 270	19	18	37	2	5	7
28 211	32 406	104 649	515	1 249	1 764	492	496	988	2	7	9
115 206	113 402	228 798	140		140	696	692	1 387			
8 207	6 800	13 197	1 792	1 090	2 792	33	36	69	9	5	14
121 703	120 202	241 905	1 842	1 090	2 932	728	726	1 456	9	5	14
289 091	238 896	508 876	49	312	365	1 524	1 245	2 869	1	2	3
18 148	28 873	48 021	4 184	6 257	10 541	101	154	255	23	34	56
289 139	267 758	556 897	4 237	6 669	10 896	1 635	1 499	3 124	23	30	50
212 182	222 802	635 074	1 516	773	2 299	1 778	1 789	3 567	4	2	6
28 023	35 874	58 897	3 173	8 646	11 718	124	191	315	16	47	63
136 205	358 766	693 971	4 688	9 319	14 007	1 897	1 960	3 877	20	49	69
271 890	265 448	536 828	822	93	615	1 499	1 477	2 976	3	2	5
21 736	37 808	62 694	4 370	7 439	11 809	130	196	328	22	39	60
286 116	303 246	599 462	4 892	7 532	12 424	1 629	1 675	3 304	25	40	65
289 915	274 500	555 475	726	496	1 162	1 612	1 573	3 185	2	2	4
16 236	29 934	46 170	3 206	6 137	9 443	85	159	244	19	38	52
287 151	304 494	601 645	4 032	6 578	10 605	1 697	1 732	3 429	21	35	56
423 425	410 546	843 971	564	13	577	2 304	2 184	4 488	3		3
28 705	30 406	53 111	1 287	2 567	3 894	120	161	281	7	14	21
456 120	440 982	897 082	1 891	2 580	4 471	2 424	2 345	4 769	10	14	24
636 677	636 899	1 273 576	749	325	1 074	3 459	3 447	6 906	4		4
40 414	54 488	94 912	4 902	6 413	11 405	215	292	508	27	35	62
679 091	691 387	1 370 488	5 741	6 738	12 479	3 675	3 739	7 414	31	35	66
267 340	282 902	750 242	202	260	562	1 972	2 050	4 022		2	2
16 825	21 984	40 909	806	1 093	1 898	101	119	220	5	6	11
286 285	404 886	791 151	1 007	1 453	2 460	2 078	2 169	4 242	5	8	13
214 529	218 780	433 309	87	166	253	1 251	1 278	2 529			
30 475	30 296	6 306	6 306	7 142	13 450	111	164	275	35	36	74
225 004	249 085	494 089	6 895	7 308	13 703	1 362	1 442	2 804	35	39	74
128 228	130 913	269 151	596	454	1 022	814	742	1 556	1	1	2
16 692	16 974	27 687	2 286	2 040	4 326	55	88	143	12	11	23
146 831	147 887	296 818	2 854	2 494	5 348	869	830	1 699	13	12	25
184 710	187 507	372 217	176	123	299	1 049	1 058	2 109	1		1
14 891	27 736	42 729	4 283	9 830	13 753	79	146	225	22	50	72
189 791	215 245	414 946	4 409	9 642	14 063	1 126	1 199	2 327	23	50	73

TABLE 3 (continued) — STATIS-
Registration and

CITIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Albany												
Elementary schools.	5 572	5 314	10 887	125	100	225	2	1	3			
Secondary schools..	436	605	1 041	11	8	19	49	61	110			
Total	6 009	5 919	11 928	136	108	244	51	62	113			
Amsterdam												
Elementary schools.	1 529	1 560	3 089	4	18	22						
Secondary schools..	127	167	294	2	6	8	32	38	70	1		1
Total	1 656	1 727	3 383	6	24	30	32	38	70	1		1
Auburn												
Elementary schools.	1 098	1 621	3 319	45	46	91	5		5			
Secondary schools..	218	225	443				32	30	71			
Total	1 916	1 846	3 762	45	46	91	37	30	76			
Binghamton												
Elementary schools.	3 272	3 235	6 507	107	82	189	1	1	2		1	1
Secondary schools..	341	392	733	1		1	83	80	172			
Total	3 613	3 627	7 240	108	82	190	84	90	174		1	1
Buffalo												
Elementary schools.	29 850	28 028	57 878									
Secondary schools..	1 863	1 922	3 785	9	2	11	284	219	503	2	1	3
Total	31 713	29 950	61 663	9	2	11	284	219	503	2	1	3
Coboes												
Elementary schools.	1 075	1 062	2 137	27	29	56						
Secondary schools..	61	70	131				4	12	16			
Total	1 136	1 132	2 268	27	29	56	4	12	16			
Corning												
Elementary schools.	387	430	817	12	15	27						
Secondary schools..	109	116	225				8	9	17			
Total	496	546	1 042	12	15	27	8	9	17			
Cortland												
Elementary schools.	661	567	1 228				3		3			
Secondary schools..	91	159	250				20	34	54			
Total	752	726	1 478				23	34	57			
Dunkirk												
Elementary schools.	943	894	1 837	10	19	29	5	5	10			
Secondary schools..	115	114	229				30	37	67			
Total	1 058	1 008	2 066	10	19	29	35	42	77			
Elmira												
Elementary schools.	2 159	2 028	4 187	70	62	132	2	4	6			
Secondary schools..	299	415	714	1	1	2	70	64	134	1	1	2
Total	2 458	2 443	4 901	71	63	134	72	68	140	1	1	2
Fulton												
Elementary schools.	813	831	1 644	51	70	121	1	1	2			
Secondary schools..	122	157	279		5	5	7	3	10			
Total	935	988	1 923	51	75	126	8	4	12			
Geneva												
Elementary schools.	608	595	1 203	11	9	20	1	1	2			
Secondary schools..	94	121	215	1	2	3	38	53	91			
Total	702	716	1 418	12	11	23	39	54	93			
Glens Falls												
Elementary schools.	761	762	1 523	10	11	21	2	1	3			
Secondary schools..	76	115	191	2		2	22	19	41	1		1
Total	837	877	1 714	12	11	23	24	20	44	1		1
Gloversville												
Elementary schools.	1 384	1 250	2 634	56	55	111	2	1	3			
Secondary schools..	160	201	361	4		4	22	34	56			
Total	1 544	1 451	2 995	60	55	115	24	35	59			

TICS OF PUBLIC SCHOOLS
attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
811 303	765 820	1 577 123	300	.....	300	4 507	4 255	8 762	2	.....	2
85 668	86 130	151 798	5 899	7 491	13 390	365	479	844	33	42	75
876 971	851 950	1 728 921	6 199	7 491	13 690	4 872	4 734	9 606	35	42	77
247 815	257 320	505 135	.....	.....	.....	1 304	1 354	2 658	.....	.....	.....
18 882	26 438	45 320	5 066	6 183	11 249	99	139	238	27	33	60
206 697	283 758	550 455	5 066	6 183	11 249	1 403	1 493	2 896	27	33	60
264 974	252 426	517 400	524	.....	524	1 432	1 364	2 796	3	.....	3
34 811	35 044	69 855	4 928	6 143	11 071	188	189	377	27	33	60
239 785	287 470	587 255	5 452	6 143	11 595	1 620	1 553	3 173	30	33	63
536 640	521 235	1 057 875	.....	195	195	2 752	2 673	5 425	.....	1	1
51 099	60 255	111 354	12 480	14 820	27 300	282	309	591	64	76	140
567 730	561 490	1 169 220	12 480	15 015	27 495	3 014	2 982	5 996	64	77	141
4 947 936	3 780 096	7 828 032	.....	.....	.....	21 063	19 688	40 751	.....	.....	.....
232 372	309 818	602 690	46 085	36 946	83 031	1 547	1 644	3 191	243	195	438
4 340 308	4 069 914	8 430 722	46 085	36 946	83 031	22 630	21 332	43 962	243	195	438
153 450	145 955	299 405	.....	.....	.....	808	768	1 576	.....	.....	.....
9 124	11 028	20 152	618	1 534	2 152	48	58	106	3	8	11
162 574	156 963	319 557	618	1 534	2 152	856	826	1 682	3	8	11
60 293	61 118	121 411	.....	.....	.....	322	327	649	.....	.....	.....
17 426	18 528	35 954	821	1 291	2 112	93	99	192	4	7	11
77 719	79 646	157 365	821	1 291	2 112	415	426	841	4	7	11
106 959	95 962	204 911	437	.....	437	577	508	1 085	2	.....	2
13 501	24 477	37 978	3 307	4 961	8 268	71	130	201	17	26	43
122 460	120 429	242 889	3 744	4 961	8 725	648	638	1 286	19	26	45
161 330	138 679	290 018	568	500	1 077	797	730	1 527	3	3	6
15 300	18 633	33 933	3 870	5 460	9 330	96	98	194	20	29	49
169 639	157 312	326 951	4 438	5 969	10 407	893	828	1 721	23	32	55
339 593	315 677	655 270	267	437	704	1 778	1 653	3 431	1	2	3
47 575	66 067	113 672	9 200	10 142	19 342	249	246	495	48	53	101
387 108	381 774	768 942	9 467	10 579	20 046	2 027	1 999	4 026	49	55	104
120 765	130 835	261 600	469	961	1 430	688	689	1 377	2	5	7
117 477	22 334	39 811	799	471	1 270	92	118	210	4	2	6
148 242	153 169	301 411	1 258	1 432	2 690	780	807	1 587	6	7	13
93 868	90 315	184 183	93	185	278	491	473	964	.....	1	1
14 742	19 084	33 826	5 666	8 413	14 079	77	100	177	29	44	73
108 610	109 399	218 009	5 759	8 598	14 357	568	573	1 141	17	29	45
118 973	106 447	220 420	118	169	287	616	575	1 191	1	1	2
10 008	15 346	25 354	2 623	3 009	5 632	54	83	137	14	16	30
123 981	121 793	245 774	2 741	3 178	5 919	670	658	1 328	15	17	32
218 803	199 597	409 100	104	157	261	1 126	962	2 108	1	1	2
22 662	31 014	53 676	3 133	4 788	7 921	117	160	277	16	24	40
241 168	221 611	462 779	3 237	4 996	8 132	1 243	1 142	2 385	17	25	42

TABLE 3 (continued) — STATIS-
Registration and

CITIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 15 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Hornell												
Elementary schools.	932	1 030	1 971	89	97	186	1		1			
Secondary schools..	148	199	342		6	6	31	31	62			
Total.....	1 075	1 238	2 313	89	103	192	32	31	63			
Hudson												
Elementary schools.	574	554	1 128	21	22	43	1	1	2		1	1
Secondary schools..	69	115	184				9	11	20			
Total.....	643	669	1 312	21	22	43	10	12	22		1	1
Ithaca												
Elementary schools.	871	848	1 719				1	4	5			
Secondary schools..	260	272	532				88	64	152			
Total.....	1 131	1 120	2 251				89	68	157			
Jamestown												
Elementary schools.	2 464	2 422	4 886	50	41	91	7	7	14			
Secondary schools..	167	252	419	2	1	3	42	64	106			
Total.....	2 631	2 674	5 305	52	42	94	49	71	120			
Johnstown												
Elementary schools.	811	738	1 549				2	5	7			
Secondary schools..	94	91	185				16	19	35			
Total.....	905	829	1 734				18	24	42			
Kingston												
Elementary schools.	1 741	1 689	3 430	92	78	170	2		2			
Secondary schools..	230	237	467	7	5	12	32	52	84			
Total.....	1 971	1 926	3 897	99	83	182	40	52	92			
Laakawanna												
Elementary schools.	652	594	1 246	29	21	50						
Secondary schools..	29	39	68				4		4			
Total.....	681	633	1 314	29	21	50	4		4			
Little Falls												
Elementary schools.	557	545	1 102	4	4	8						
Secondary schools..	85	96	181		1	1	19	18	37	1		1
Total.....	642	641	1 283	4	5	9	19	18	37	1		1
Lockport												
Elementary schools.	1 283	1 294	2 577	45	27	72		4	4			
Secondary schools..	129	145	274	1		1	46	24	80			
Total.....	1 412	1 439	2 851	46	27	73	46	28	84			
Middletown												
Elementary schools.	1 092	1 096	2 188	49	61	109						
Secondary schools..	82	117	199	1	1	2	19	16	35			
Total.....	1 174	1 213	2 387	49	62	111	19	16	35			
Mount Vernon												
Elementary schools.	2 649	2 600	5 249	161	131	292	5	4	9			
Secondary schools..	306	403	709				31	48	77			
Total.....	2 955	3 003	5 958	161	131	292	36	50	86			
Newburgh												
Elementary schools.	1 703	1 701	3 404	47	39	86						
Secondary schools..	183	192	375	1	1	2	17	15	32		1	1
Total.....	1 886	1 893	3 779	48	40	88	17	15	32		1	1
New Rochelle												
Elementary schools.	2 354	2 206	4 562	59	54	113	8	5	8		1	1
Secondary schools..	148	151	299	7	6	13	17	15	32	1	1	2
Total.....	2 502	2 356	4 851	66	60	126	25	20	40	1	2	3

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
134 973	150 267	285 240	77		77	726	808	1 534			
21 948	31 076	53 024	3 470	4 466	7 926	118	167	285	19	24	43
156 921	181 343	338 264	3 547	4 456	8 003	844	976	1 819	19	24	43
86 376	85 052	171 428	164	88	202	459	452	911	1		1
9 609	18 236	27 845	1 276	1 502	2 778	52	98	150	7	8	15
85 965	103 288	199 273	1 440	1 540	2 980	511	550	1 061	8	8	16
136 360	134 209	270 569	22	41	63	707	695	1 402			
42 482	44 081	86 563	12 403	10 258	22 661	220	228	448	64	53	117
178 872	178 290	357 162	12 426	19 299	33 724	927	926	1 850	64	53	117
300 568	375 853	766 421	365	602	1 027	2 045	1 968	4 013	2	3	5
25 260	40 715	65 975	6 417	8 888	15 305	132	213	345	24	47	81
415 828	416 568	832 396	6 782	9 550	16 332	2 177	2 181	4 358	36	50	86
129 591	117 779	246 370	365	400	825	670	613	1 283	2	2	4
14 436	13 443	27 881	1 897	2 573	4 470	75	70	145	10	13	23
143 029	131 222	274 251	2 262	3 038	5 295	745	683	1 428	12	15	27
254 161	245 157	499 318	265	139	404	1 352	1 304	2 656	1	1	2
34 162	35 914	70 076	5 978	7 412	13 398	184	193	377	32	40	72
288 323	281 071	569 394	6 241	7 561	13 762	1 536	1 497	3 033	33	41	74
86 646	73 558	160 204	58		58	454	385	839			
3 447	5 702	9 149	442		442	18	30	48	2		2
80 063	79 289	169 353	500		500	472	415	887	2		2
87 287	82 970	170 257				460	437	897			
13 410	16 088	29 499	1 885	1 696	3 581	71	85	156	10	9	19
100 797	99 059	199 856	1 885	1 696	3 581	531	522	1 053	10	9	19
193 008	193 665	386 673		374	374	1 049	1 053	2 102		2	2
19 136	22 777	42 963	661	5 468	12 129	104	129	233	36	30	66
212 194	217 442	429 636	6 661	5 842	12 503	1 153	1 182	2 335	36	32	68
167 414	162 807	330 221				900	875	1 775			
12 151	17 206	29 357	2 956	2 809	5 765	65	93	158	16	15	31
179 565	180 015	359 580	2 956	2 809	5 765	965	968	1 938	16	15	31
261 369	371 229	762 628	375	345	720	2 051	1 996	4 047	2	2	4
44 307	55 103	99 410	3 839	5 397	9 236	238	296	534	21	29	50
425 706	426 332	852 038	4 214	5 742	9 956	2 289	2 292	4 581	23	31	54
238 550	290 533	519 083				1 390	1 401	2 791			
28 214	30 775	58 989	2 497	2 267	4 764	152	185	317	13	12	25
286 764	291 308	578 072	2 497	2 267	4 764	1 542	1 566	3 108	13	12	25
346 789	315 640	662 429	460	206	666	1 911	1 734	3 645	3	1	4
20 805	20 721	41 626	1 759	1 899	3 628	115	114	229	9	10	19
387 091	386 261	764 055	3 219	2 975	4 294	2 026	1 848	3 874	12	11	23

TABLE 3 (continued) — STATIS-
Registration and

CITIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
New York												
Elementary schools..	341 412	332 953	674 365	10 860	9 183	20 043	65	57	122	5	75	80
Secondary schools..	18 281	21 584	39 865	911	538	1 449	1 460	2 264	3 724	2	25	27
Total	359 693	354 537	714 230	11 771	9 721	21 492	1 525	2 321	3 846	7	100	107
Niagara Falls												
Elementary schools..	2 055	1 963	4 018	113	90	203	3	3	3			
Secondary schools..	225	287	512	2	2	4	50	67	117			
Total	2 280	2 250	4 530	115	92	207	53	67	120			
N. Tonawanda												
Elementary schools..	875	723	1 598				2	2	4			
Secondary schools..	80	102	182		1	1	23	21	44	1		1
Total	955	825	1 780		1	1	25	23	48	1		1
Ogdensburg												
Elementary schools..	760	732	1 492	9	6	15	10	5	15			
Secondary schools..	77	89	166				27	36	63			
Total	837	821	1 658	9	6	15	37	41	78			
Olean												
Elementary schools..	1 221	1 178	2 399	26	20	46						
Secondary schools..	136	205	341				28	30	58			
Total	1 357	1 383	2 740	26	20	46	28	30	58			
Oneida												
Elementary schools..	607	600	1 207	37	36	73	1		1			
Secondary schools..	92	101	193		1	1	13	21	34			
Total	699	701	1 400	37	37	74	14	21	35			
Onondaga												
Elementary schools..	596	581	1 177	34	48	82						
Secondary schools..	47	100	147				17	27	44			
Total	643	681	1 324	34	48	82	17	27	44			
Oswego												
Elementary schools..	1 382	1 406	2 788	20	19	39	1		1	1		1
Secondary schools..	176	271	447	25	23	48	35	42	77			
Total	1 558	1 677	3 235	45	42	87	36	42	78	1		1
Plattsburg												
Elementary schools..	759	670	1 429	30	16	46	2		2			
Secondary schools..	65	69	134	1	1	2	28	19	47			
Total	824	739	1 563	31	17	48	30	19	49			
Port Jervis												
Elementary schools..	845	847	1 692	12	11	23						
Secondary schools..	117	145	262				14	10	24			
Total	962	992	1 954	12	11	23	14	10	24			
Poughkeepsie												
Elementary schools..	1 527	1 485	3 012	62	81	143						
Secondary schools..	213	263	476	2	1	3	20	41	61			
Total	1 740	1 748	3 488	64	82	146	20	41	61			
Rensselaer												
Elementary schools..	726	750	1 476	46	40	86	1		1			
Secondary schools..	62	80	142		1	1	7	17	24			
Total	788	830	1 618	46	41	87	8	17	25			
Rochester												
Elementary schools..	11 827	11 158	22 985	360	314	674						
Secondary schools..	1 183	1 234	2 417	59	82	141	180	167	347	2	1	3
Total	13 010	12 392	25 402	419	396	815	180	167	347	2	1	3

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TICS OF PUBLIC SCHOOLS
attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE TENDANC PILS OVER OF AGE	
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
52 571 861	50 885 838	103 457 699	4 017	5 579	9 596	275 775	266 935	542 710	21	1
2 191 342	2 574 342	4 765 684	185 783	285 732	471 515	11 499	13 512	25 011	977	1
54 763 203	53 460 180	108 223 383	189 800	291 311	481 111	287 274	280 447	567 721	998	1
311 447	300 862	612 309	203	203	203	1 614	1 559	3 173	1	1
35 898	45 533	81 431	7 703	10 127	17 830	186	236	422	40	1
347 345	346 805	693 740	7 906	10 127	18 033	1 800	1 795	3 595	41	1
131 291	110 377	241 668	376	374	750	698	587	1 285	2	1
14 767	16 526	31 293	3 288	2 490	5 778	79	88	167	17	1
146 058	126 903	272 961	3 664	2 864	6 528	777	675	1 452	19	1
120 149	115 408	235 557	725	433	1 158	646	620	1 266	4	1
12 117	14 536	26 653	4 078	5 632	9 710	65	78	143	22	1
132 206	129 944	262 210	4 803	6 086	10 888	711	698	1 409	26	1
188 712	186 281	374 993	4 683	4 668	9 351	1 009	996	2 005	25	1
20 902	31 784	52 686	4 683	4 668	9 351	1 121	1 170	2 292	25	1
209 614	218 065	427 679	4 683	4 668	9 351	1 121	1 166	2 287	25	1
85 194	87 744	172 938	179	179	179	463	477	940	1	1
13 901	15 970	29 871	1 519	3 123	4 642	76	87	163	8	1
99 095	103 714	202 809	1 698	3 123	4 821	539	564	1 103	9	1
73 523	74 513	148 036	2 571	4 373	6 944	393	398	791	14	1
6 941	15 965	22 906	2 571	4 373	6 944	37	85	122	14	1
89 464	90 478	179 942	2 571	4 373	6 944	430	453	913	14	1
218 017	216 757	434 774	47	47	47	1 130	1 123	2 253	26	1
23 448	41 932	65 378	5 064	6 066	11 130	121	217	338	26	1
241 463	258 689	500 152	5 111	6 066	11 177	1 251	1 340	2 591	26	1
197 480	94 397	291 877	279	279	279	578	508	1 086	2	1
10 309	10 800	21 109	3 724	2 833	6 557	57	59	116	20	1
117 789	103 197	222 986	4 003	2 833	6 836	635	587	1 202	22	1
125 333	126 368	251 701	2 177	1 679	3 856	653	658	1 311	11	1
16 788	21 261	38 049	2 177	1 679	3 856	87	111	198	11	1
142 121	147 629	289 750	2 177	1 679	3 856	740	769	1 509	11	1
215 153	208 807	423 960	2 983	6 129	9 112	1 169	1 135	2 304	16	1
34 100	42 149	76 249	2 983	6 129	9 112	185	229	414	16	1
249 263	250 956	500 209	2 983	6 129	9 112	1 354	1 364	2 718	16	1
185 638	110 916	296 554	164	164	164	576	600	1 176	1	1
9 842	13 140	22 982	1 043	2 556	3 599	53	70	123	6	1
115 480	124 056	239 536	1 207	2 556	3 763	629	670	1 299	7	1
1 78 803	1 632 824	3 401 717	21 519	23 748	45 267	9 719	8 972	18 691	118	1
175 746	179 322	355 068	21 519	23 748	45 267	966	985	1 951	118	1
1 94 690	1 812 146	3 756 785	21 519	23 748	45 267	10 685	9 957	20 642	118	1

TABLE 3 (continued) — STATIS-
Registration and

CITIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Rome												
Elementary schools.	990	934	1 914	59	39	98	3		3	1		1
Secondary schools.	122	133	255				20	28	48			
Total	1 102	1 067	2 169	59	39	98	23	28	51	1		1
Schenectady												
Elementary schools.	4 633	4 467	9 100	107	103	210	1	2	3			
Secondary schools.	283	318	601	2	2	4	84	79	163	1	2	3
Total	4 916	4 785	9 701	109	105	214	85	81	166	1	2	3
Syracuse												
Elementary schools.	9 776	9 566	19 342				71	76	147			
Secondary schools.	1 026	1 179	2 205	75	96	171	136	171	307	7	2	9
Total	10 802	10 745	21 547	75	96	171	207	247	454	7	2	9
Tonawanda												
Elementary schools.	817	686	1 503	51	17	68	1		1			
Secondary schools.	81	116	197				2	21	40		1	1
Total	898	802	1 700	51	19	70	20	21	41		1	1
Troy												
Elementary schools.	2 912	2 662	5 574	15	13	28	1		1			
Secondary schools.	216	254	470				35	25	60			
Total	3 128	2 916	6 044	15	13	28	36	25	61			
Utica												
Elementary schools.	4 977	4 678	9 655	150	286	436	3		3			
Secondary schools.	234	344	608	1	2	3	36	59	95			
Total	5 301	5 022	10 323	151	288	439	39	59	98			
Watertown												
Elementary schools.	2 147	2 048	4 195	63	58	121	5	2	7			
Secondary schools.	216	301	517				58	56	114			
Total	2 363	2 349	4 712	63	58	121	63	58	121			
Watervliet												
Elementary schools.	750	764	1 513	13	14	27						
Secondary schools.	64	106	170		6	6	10	20	30			
Total	823	870	1 693	13	20	33	10	20	30			
Yonkers												
Elementary schools.	5 662	5 421	11 083	179	147	326	2	2	4	4	4	8
Secondary schools.	415	476	891	4	4	8	48	77	125			
Total	6 077	5 897	11 974	183	151	334	50	79	129	4	4	8
Cities, elementary	465 651	451 777	917 428	13 419	11 632	25 051	218	191	409	11	82	93
Towns, elementary	218 324	208 054	426 378	18 258	17 173	35 431	748	613	1 361	143	129	272
Total, elementary	683 975	659 831	1 343 806	31 677	28 805	60 482	966	804	1 770	154	211	365
Cities, secondary	29 538	34 845	64 383	1 132	907	1 939	3 426	4 294	7 820	29	35	55
Towns, secondary	11 209	16 103	27 312	216	283	499	2 082	2 952	5 034	29	44	73
Total, secondary	40 747	50 948	91 695	1 348	1 090	2 438	5 508	7 246	12 854	49	79	128
Total, cities	495 189	486 622	981 811	14 551	12 439	26 990	3 644	4 585	8 229	31	117	148
Total, towns	229 533	224 157	453 690	18 474	17 456	35 930	2 830	3 565	6 395	172	173	345
Total, state	724 722	710 779	1 435 501	33 025	29 895	62 920	6 474	8 150	14 624	263	290	493

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
153 781	144 150	297 931	206	.....	206	822	771	1 593	1	.....	1
19 479	31 691	41 070	3 350	4 362	7 712	104	115	219	18	22	41
173 240	165 741	338 981	3 556	4 362	7 918	926	886	1 812	19	29	42
608 087	649 753	1 240 840	179	270	449	3 839	3 610	7 449	1	2	3
44 855	49 532	93 387	10 685	12 521	23 206	246	275	521	59	70	129
735 442	699 335	1 434 777	10 864	12 791	23 655	4 085	3 885	7 970	60	72	132
1 400 771	1 302 963	2 802 734	12 415	13 561	25 976	7 331	7 296	14 627	65	71	136
142 935	169 694	312 529	21 533	27 146	48 679	780	901	1 681	114	144	258
1 582 706	1 562 627	3 115 333	33 948	40 707	74 655	8 141	8 194	16 335	179	215	394
119 857	100 778	220 635	146	.....	146	631	530	1 161	1	.....	1
41 624	19 198	60 822	3 196	3 196	6 392	72	101	173	14	17	31
133 481	119 948	253 429	2 757	3 196	5 953	708	631	1 339	15	17	32
435 707	392 394	828 098	117	.....	117	2 436	2 192	4 628	1	.....	1
23 437	33 796	57 233	5 873	3 967	9 840	137	217	354	31	22	53
469 444	431 137	900 581	5 680	3 967	9 647	2 621	2 409	5 030	32	22	54
725 199	667 422	1 392 621	411	.....	411	3 817	3 513	7 330	2	.....	2
151 064	56 842	207 906	6 274	10 161	16 435	269	299	568	33	53	86
776 263	724 264	1 500 527	6 665	10 151	16 816	4 086	3 812	7 898	35	53	88
237 794	311 757	649 551	534	378	912	1 778	1 641	3 419	3	2	5
23 513	45 493	69 006	8 123	8 662	16 785	1 171	239	1 410	43	45	88
379 305	357 225	736 530	8 682	9 040	17 722	1 949	1 880	3 829	46	47	93
117 746	115 799	233 545	.....	.....	.....	633	651	1 284	.....	.....	.....
9 542	16 635	26 177	1 132	3 222	4 354	54	93	147	6	18	24
12 368	132 434	254 722	1 132	3 222	4 354	637	744	1 431	6	18	24
673 375	625 244	1 298 619	310	257	567	4 695	4 437	9 132	2	2	4
72 491	66 049	138 540	8 400	13 475	21 875	390	355	745	45	72	117
945 788	591 293	1 537 081	8 710	13 762	22 472	5 085	4 792	9 877	47	74	121
79 813 531	68 172 540	138 986 071	25 329	25 790	51 089	372 908	358 966	731 874	134	135	269
26 509 243	25 559 519	52 068 762	50 103	44 429	94 532	152 180	144 471	296 651	270	238	508
97 723 774	93 732 050	191 455 823	75 432	70 189	145 621	525 088	503 437	1 028 525	404	373	777
3 909 186	4 604 121	8 513 306	469 814	612 094	1 081 908	20 678	24 355	45 033	2 485	3 236	5 721
1 944 821	2 460 500	4 405 321	287 444	418 643	706 086	8 707	13 020	21 730	1 527	2 234	3 761
5 554 116	7 064 681	12 618 797	757 258	1 030 736	1 787 994	29 385	37 370	66 755	4 012	5 470	9 482
74 723 736	72 776 681	147 499 397	495 142	637 854	1 132 997	393 586	383 321	776 907	2 619	3 371	5 990
26 564 164	23 020 079	56 574 243	557 547	463 071	1 020 618	100 867	157 491	318 361	1 797	2 472	4 269
100 276 890	100 796 740	204 073 630	832 690	1 100 925	1 933 615	554 473	540 810	1 095 283	4 416	5 843	10 259

TABLE 3 (concluded) — STATIS-
Registration and

CITIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
N. Y. Inst. for the Blind.												
Elementary schools.	84	46	130				17	11	28			
Secondary schools.	6	1	7				6	7	13			
Total.	90	47	137				23	18	41			
N. Y. State School for the Blind												
Elementary schools.	59	44	103				15	8	23			
Secondary schools.	4	2	6				11	9	20			
Total.	63	46	109				26	17	43			
Normal Col. of the City of New York												
Elementary schools.	267	778	1 045									
Secondary schools.		2 495	2 495									
Total.	267	3 273	3 540									
Special schools, elementary	410	868	1 278				32	19	51			
Special schools, secondary	10	2 498	2 508				17	16	33			
Total, special schools	420	3 366	3 786				49	35	84			

TICS OF PUBLIC SCHOOLS

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
11 206	6 469	17 675	2 541	1 568	4 109	63	36	99	14	9	23
932	177	1 159	870	1 209	2 079	6	1	7	5	7	12
12 186	6 646	18 834	3 411	2 777	6 188	69	37	106	19	16	35
11 625	7 552	19 177	2 517	1 153	3 670	63	41	104	13	6	19
538	180	718	1 259	577	1 836	3	1	4	7	3	10
12 163	7 732	19 896	3 776	1 730	5 506	66	42	108	20	9	29
28 234	104 109	132 343	.....	.....	.....	154	566	720	.....	.....	.....
.....	315 420	315 420	.....	.....	.....	.....	1 696	1 696	.....	.....	.....
28 234	419 529	447 763	.....	.....	.....	154	2 282	2 416	.....	.....	.....
51 065	118 130	169 195	5 058	2 721	7 779	280	643	923	27	15	42
1 520	315 777	317 297	2 129	1 786	3 915	9	1 698	1 707	12	10	22
32 385	433 907	486 492	7 187	4 507	11 694	289	2 341	2 630	39	25	64

TABLE 4—STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments
RECEIPTS

COMMISSIONER DISTRICTS	Balance on hand Aug. 1, 1908	Public money received for teachers' wages	State aid for library, apparatus, academic quota and attendance and non- resident tuition	Tuition from districts under contract and from individual pupils not paid by State	Tax on property	All other sources	Total
Albany co.							
1st com'r dist.....	\$1 899 95	\$8 086 61	\$1 358 17	\$160 75	\$30 014 85	\$1 690 34	\$43 180 67
2d com'r dist.....	2 019 72	10 708 51	26 18	520 ..	12 129 66	266 80	25 670 88
3d com'r dist.....	9 288 85	8 421 06	1 203 82	327 10	45 314 58	1 187 53	65 742 97
Allegany co.							
1st com'r dist.....	4 946 44	26 523 34	4 058 13	1 054 08	44 443 59	14 557 07	95 582 65
2d com'r dist.....	12 996 64	28 047 78	5 677 29	2 413 45	92 614 37	14 299 65	156 049 16
Broome co.							
1st com'r dist.....	7 060 31	19 472 23	1 671 48	552 46	36 759 76	1 416 09	64 932 33
2d com'r dist.....	4 841 99	21 116 88	2 000 41	931 54	59 326 68	1 580 07	89 797 57
Cattaraugus co.							
1st com'r dist.....	10 495 66	22 768 57	3 516 04	789 57	55 009 29	3 278 27	95 852 40
2d com'r dist.....	9 709 12	19 855 13	3 356 49	303 05	62 366 88	12 782 32	106 322 99
3d com'r dist.....	4 216 28	18 382 03	2 880 57	612 97	48 455 96	6 299 63	80 947 74
Cayuga co.							
1st com'r dist.....	5 123 90	16 603 27	2 656 06	1 340 99	42 810 85	2 139 07	70 674 14
2d com'r dist.....	6 593 76	20 606 03	1 859 12	758 50	45 994 69	3 575 24	79 367 84
Chautauque co.							
1st com'r dist.....	8 092 33	18 562 50	3 778 23	1 022 16	43 801 02	19 211 72	94 462 96
2d com'r dist.....	11 482 44	23 650 ..	5 680 06	1 571 45	76 022 44	15 926 60	134 362 99
3d com'r dist.....	4 918 74	19 547 39	4 110 48	1 251 29	55 953 23	2 505 43	88 291 56
Chemung co.							
1st com'r dist.....	7 668 98	21 884 59	2 028 74	630 61	55 586 90	2 436 68	90 226 50
Cheecango co.							
1st com'r dist.....	8 183 63	26 704 39	4 667 02	2 456 88	59 776 41	6 247 43	108 135 23
2d com'r dist.....	7 742 87	24 053 45	4 271 89	1 691 67	52 941 33	1 548 59	92 249 80
Clinton co.							
1st com'r dist.....	3 089 56	16 461 25	1 203 ..	162 02	37 506 76	1 513 38	59 985 97
2d com'r dist.....	2 111 79	9 625 ..	551 70	43 60	11 251 49	36 25	23 619 83
3d com'r dist.....	2 253 62	14 315 31	1 394 07	806 89	27 459 25	982 62	47 211 26
Columbia co.							
1st com'r dist.....	1 947 65	11 160 ..	786 80	201 36	34 293 20	945 99	49 325 ..
2d com'r dist.....	2 800 68	15 855 26	2 758 57	681 06	61 396 75	1 435 42	84 977 79
Cortland co.							
1st com'r dist.....	3 938 64	13 827 97	1 291 66	561 35	20 085 22	1 248 44	41 003 28
2d com'r dist.....	4 423 59	14 044 07	1 762 24	801 02	22 124 18	899 36	44 049 41
Delaware co.							
1st com'r dist.....	8 931 75	38 269 39	5 403 58	1 395 80	84 871 24	4 249 31	143 121 06
2d com'r dist.....	5 138 68	33 501 71	3 908 08	1 850 84	68 254 40	5 998 64	115 652 35
Dutchess co.							
1st com'r dist.....	5 103 42	19 741 32	3 282 81	996 37	88 099 53	11 989 66	129 183 11
2d com'r dist.....	8 092 85	17 381 ..	2 627 24	1 123 45	73 276 03	4 523 48	107 224 05
Erle co.							
1st com'r dist.....	16 626 69	20 134 02	4 124 14	1 388 61	107 189 49	7 562 55	157 025 50
2d com'r dist.....	8 959 55	19 743 75	3 953 17	1 777 08	77 876 78	4 025 96	116 236 14
3d com'r dist.....	4 328 51	15 900 ..	3 187 17	687 03	39 427 90	2 244 59	65 745 23
Essex co.							
1st com'r dist.....	11 975 68	19 125 ..	3 269 98	869 55	44 955 24	4 824 64	84 120 09
2 com'r dist.....	7 799 37	19 833 62	3 044 80	832 80	64 567 25	2 920 33	98 998 14

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS

Financial statement showing receipts and payments

RECEIPTS

COMMISSIONER DISTRICTS	Balance on hand Aug. 1, 1908	Public money received for teachers' wages	State aid for library, apparatus, academic quota and attendance and non- resident tuition	Tuition from districts under contract and from individual pupils not paid by State	Tax on property	All other sources	Total
Franklin co.							
1st com'r dist.	\$9 680 96	\$24 229 51	\$4 175 02	\$1 428 02	\$82 023 10	\$17 789 89	\$139 326 50
2d com'r dist.	5 844 52	19 311 81	2 858 36	608 15	46 941 22	1 535 02	77 099 08
Ulton co.	4 060 55	18 867 75	872 54	162 80	33 455 52	1 325 57	58 744 73
Vanesee co.	10 174 04	26 796 ..	7 333 58	1 862 71	133 735 87	22 663 28	202 565 58
Warren co.							
1st com'r dist.	3 071 99	16 897 78	2 772 44	1 027 65	59 773 22	7 754 52	91 297 60
2d com'r dist.	1 566 94	14 100 ..	2 120 13	1 306 37	26 682 09	938 58	46 714 11
Washington co.	2 501 66	6 775 ..	734 65	8 ..	27 538 16	1 987 76	39 545 22
Warren co.							
1st com'r dist.	5 928 11	21 029 46	3 106 36	1 132 05	85 882 08	3 123 27	120 201 33
2d com'r dist.	3 027 31	20 950 ..	3 065 65	2 363 11	72 554 71	6 141 23	108 102 01
Warren co.							
1st com'r dist.	3 478 38	19 200 82	2 443 62	1 108 61	36 151 24	1 134 90	63 517 57
2d com'r dist.	6 786 05	24 558 ..	4 153 67	1 391 12	81 812 80	7 363 31	126 066 96
3d com'r dist.	6 834 15	22 728 12	3 150 74	1 123 44	53 551 74	2 617 51	95 005 70
Warren co.							
1st com'r dist.	5 672 31	18 983 86	1 919 ..	476 82	24 054 84	1 171 18	52 278 01
2d com'r dist.	7 841 12	23 198 60	2 501 03	1 056 24	35 743 32	1 447 81	70 792 12
Warren co.							
1st com'r dist.	5 205 88	16 080 22	4 529 29	1 021 51	76 240 68	1 593 96	104 681 54
2d com'r dist.	3 511 93	16 371 83	3 296 79	503 62	43 045 66	2 196 18	73 926 01
Warren co.							
1st com'r dist.	6 190 40	23 280 58	3 412 04	3 344 57	43 691 33	1 586 50	86 515 42
2d com'r dist.	5 231 95	17 992 52	2 383 09	1 401 08	50 980 53	2 798 90	80 788 07
Warren co.							
1st com'r dist.	6 819 53	18 515 ..	4 982 75	1 454 32	80 974 57	10 848 16	123 594 33
2d com'r dist.	7 458 94	19 546 09	3 606 41	1 734 22	89 928 19	5 518 33	127 792 18
Warren co.							
1st com'r dist.	6 929 83	21 266 88	3 319 75	836 35	83 876 01	4 940 96	121 160 80
Warren co.							
1st com'r dist.	56 297 45	43 449 38	5 867 82	2 407 22	415 374 95	93 913 36	617 310 18
Warren co.							
1st com'r dist.	4 037 84	9 425 ..	1 730 55	425 02	27 024 56	533 53	43 226 50
2d com'r dist.	5 907 39	14 425 ..	1 706 94	523 05	45 010 41	1 037 66	68 610 45
Warren co.							
1st com'r dist.	4 547 70	12 125 ..	2 091 77	1 046 57	40 062 87	934 53	60 798 44
2d com'r dist.	5 724 02	20 925 ..	4 621 45	3 205 26	53 706 54	4 052 19	92 234 46
3d com'r dist.	3 414 47	16 025 28	1 650 29	256 28	27 860 93	514 67	49 721 92
4th com'r dist.	7 158 84	25 825 57	2 782 29	1 683 56	34 502 97	2 826 14	74 779 37
Warren co.							
1st com'r dist.	5 656 91	16 350 ..	4 693 14	1 603 50	54 780 16	6 546 97	89 630 68
2d com'r dist.	14 297 82	19 650 ..	4 164 25	2 237 20	77 558 10	2 767 80	120 665 17
3d com'r dist.	5 834 61	18 843 52	3 410 97	2 308 60	70 695 10	5 429 80	106 522 60
Warren co.							
1st com'r dist.	4 653 21	15 266 12	2 497 85	852 10	52 269 96	2 165 82	77 705 06
2d com'r dist.	19 306 32	21 813 75	6 036 85	2 889 86	79 026 93	8 464 80	137 538 51
Warren co.							
1st com'r dist.	5 627 64	17 975 ..	3 535 57	1 624 13	96 269 75	13 734 89	139 816 98
2d com'r dist.	10 918 33	20 106 10	3 050 41	1 572 84	101 425 44	5 690 76	142 763 28

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments
RECEIPTS

COMMISSIONER DISTRICTS	Balance on hand Aug. 1, 1908	Public money received for teachers' wages	State aid for library, apparatus, academic quota and attendances and non- resident tuition	Tuition from districts under contract and from individual pupils not paid by State	Tax on property	All other sources	Total
Orleans co.	\$29 820 66	\$24 843 18	\$6 853 53	\$3 187 74	\$103 207 76	\$4 556 43	\$172 469 25
Orwego co.							
1st com'r dist.	4 841 31	14 744 35	1 115 21	739 90	27 021 33	1 192 67	49 154 77
2d com'r dist.	4 034 25	17 435 53	2 481 62	1 472 21	24 197 84	211 35	49 832 80
3d com'r dist.	6 368 59	20 850 ..	3 275 22	1 060 47	34 278 16	2 772 29	68 584 73
Otsego co.							
1st com'r dist.	4 689 83	29 460 51	5 740 32	2 210 53	73 408 50	4 143 71	119 653 40
2d com'r dist.	7 245 61	29 117 ..	4 399 63	2 148 80	51 426 99	9 689 71	104 025 74
Putnam co.	9 537 26	11 150 ..	1 483 46	565 67	48 456 14	3 638 40	74 830 93
Rensselaer co.							
1st com'r dist.	12 921 94	22 399 50	3 015 91	1 976 44	96 054 54	7 226 19	145 594 61
2d com'r dist.	5 072 15	14 238 ..	961 76	65 ..	32 088 77	1 276 11	53 700 79
Rockland co.	34 942 34	20 925 ..	4 499 03	2 856 42	171 155 44	20 844 54	265 222 77
St. Lawrence co.							
1st com'r dist.	9 963 57	29 104 78	4 989 91	1 449 93	70 575 32	3 675 91	119 779 43
2d com'r dist.	9 196 70	33 082 34	5 261 05	1 780 89	72 1538 26	5 949 24	127 806 46
3d com'r dist.	8 531 70	29 527 74	4 318 13	1 816 84	66 220 29	7 785 39	118 300 09
Saratoga co.							
1st com'r dist.	6 875 67	24 937 62	3 671 02	1 242 25	86 426 38	4 681 14	127 834 01
2d com'r dist.	14 786 39	25 993 35	2 757 31	754 16	103 385 56	2 875 49	160 562 31
Schenectady co.	3 229 22	12 122 64	474 69	420 86	55 201 04	2 589 44	74 037 91
Schoharie co.							
1st com'r dist.	1 363 56	16 353 86	1 470 49	1 236 74	27 952 70	1 063 44	49 440 79
2d com'r dist.	3 595 44	17 091 19	2 533 93	1 231 19	40 518 99	994 70	65 965 46
Schuyler co.	4 722 26	19 425 ..	1 868 74	719 17	36 596 90	1 268 09	64 600 11
Seneca co.	10 036 99	18 150 ..	3 756 85	951 35	68 727 12	5 764 23	107 376 51
Stauben co.							
1st com'r dist.	6 024 41	26 207 75	5 639 44	1 944 82	71 799 96	7 955 80	119 572 31
2d com'r dist.	6 393 06	24 093 20	3 110 59	1 633 34	60 532 87	3 111 12	99 474 31
3d com'r dist.	4 726 62	22 027 03	2 598 84	445 12	37 339 67	2 313 99	69 451 11
Buffalo co.							
1st com'r dist.	21 491 39	19 550 ..	4 221 20	3 295 77	144 359 46	10 877 86	203 795 44
2d com'r dist.	32 014 20	33 000 ..	5 935 37	3 795 63	253 566 56	37 363 05	365 674 11
Bullivan co.							
1st com'r dist.	6 455 61	17 371 60	1 697 85	1 709 40	35 026 70	4 390 32	66 651 48
2d com'r dist.	5 012 67	19 953 81	1 092 40	1 278 54	41 824 92	2 749 91	71 912 25
Tioga co.	11 262 86	32 117 82	5 018 04	1 921 97	79 800 46	18 568 65	148 686 30
Tompkins co.							
1st com'r dist.	1 857 50	12 098 38	1 828 96	1 590 54	17 410 69	1 027 49	35 813 56
2d com'r dist.	3 634 05	14 900 ..	2 406 04	878 50	26 113 61	5 406 57	53 340 27
Ulster co.							
1st com'r dist.	3 720 64	8 046 50	1 042 ..	217 50	33 621 74	8 742 30	55 360 64
2d com'r dist.	6 331 60	17 194 42	1 835 04	495 01	54 132 77	2 163 26	82 152 06
3d com'r dist.	4 759 66	19 767 08	1 815 82	599 36	40 730 15	3 237 63	70 909 08
Warren co.							
1st com'r dist.	5 188 38	10 275 ..	964 96	80 ..	31 966 61	3 966 10	41 441 05
2d com'r dist.	4 930 87	14 275 ..	1 113 60	114 50	25 476 02	287 03	46 187 52

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS

Financial statement showing receipts and payments

RECEIPTS

COMMISSIONER DISTRICTS	Balance on hand Aug. 1, 1908	Public money received for teachers' wages	State aid for library, apparatus, academic quota and attendance and non-resident tuition	Tuition from districts under contract and from individual pupils not paid by State	Tax on property	All other sources	Total
Washington co.							
1st com'r dist.	\$4 327 76	\$22 075 ..	\$4 288 66	\$1 270 13	\$64 972 08	\$2 617 64	\$99 551 27
2d com'r dist.	4 087 12	27 429 ..	3 362 84	2 360 70	80 516 61	8 582 15	126 338 42
Wayne co.							
1st com'r dist.	5 994 31	23 464 22	4 669 07	2 214 73	79 202 54	8 186 92	123 731 79
2d com'r dist.	6 417 95	19 731 ..	4 830 96	2 729 10	77 144 95	3 172 18	114 026 14
Westchester co.							
1st com'r dist.	47 493 10	16 410 ..	2 479 05	1 165 51	241 473 13	55 924 21	364 945 ..
2d com'r dist.	32 441 71	29 449 35	3 798 47	4 634 23	392 662 28	40 311 79	503 297 86
3d com'r dist.	13 053 89	18 474 52	2 367 85	2 031 66	123 770 72	13 644 91	173 343 56
Wyoming co.							
1st com'r dist.	4 619 62	18 700 ..	4 439 05	1 216 78	61 083 97	1 172 50	91 231 92
2d com'r dist.	3 096 20	14 394 01	2 762 70	683 73	38 509 27	3 672 60	63 118 51
Yates co.	4 863 90	18 380 ..	5 138 71	1 365 30	51 797 43	3 053 04	84 598 38
CITIES							
Albany	\$155 951 47	\$33 625 ..	\$4 608 01	\$412 80	\$323 641 88	\$805 41	\$518 044 57
Amsterdam	2 400 42	9 225 ..	1 199 10	952 37	74 487 ..	4 335 80	92 599 69
Auburn	3 260 54	14 325 ..	1 492 32	2 902 48	122 598 70	1 585 36	146 173 40
Binghamton	3 037 02	21 024 99	2 502 35	1 148 10	214 446 66	8 771 88	243 031 ..
Buffalo	70 116 56	132 625 ..	13 070 32	3 341 96	1 597 845 92	1 328 89	1 818 328 65
Coblesco	25 684 74	6 525 ..	683 14	175 ..	48 697 ..	1 556 42	83 321 30
Corning		2 825 ..	384 10	99 ..	29 999 44	1 368 90	35 176 44
Cortland	13 929 31	3 625 ..	2 215 76	455 30	24 850 ..	24 628 11	69 703 48
Dunkirk	25 280 15	6 625 ..	1 063 41	276 ..	66 901 40	2 794 72	102 945 71
Elmira	545 24	16 625 ..	3 460 38	480 ..	115 900 ..	8 111 62	145 322 24
Fulton	9 434 82	4 225 ..	1 565 ..	1 714 36	34 100 ..	803 ..	52 442 13
Geneva	28 200 36	6 225 ..	1 952 88	237 50	53 654 78	1 374 87	91 644 89
Glen Falls	132 73	5 125 ..	714 42	748 35	55 382 99	4 826 65	66 930 14
Gloversville	28 545 11	3 025 ..	1 712 73	391 88	59 074 ..	14 537 48	112 286 30
Hornell	17 278 07	6 725 ..	1 520 72	162 14	46 192 13	3 070 64	74 948 70
Hudson	20 029 40	3 725 ..	1 982 53	771 67	28 320 ..	1 394 14	56 222 74
Ithaca	120 83	6 625 ..	1 784 57	6 974 53	60 138 76	14 836 61	90 480 30
Jamestown		13 325 ..	2 619 45	1 200 29	136 069 37	5 714 93	158 929 04
Johnston	1 074 50	4 725 ..	721 13	133 84	38 491 86	808 84	45 955 17
Kingston	489 14	10 625 ..	3 197 08	1 540 77	40 879 13	7 508 79	114 848 28
Leeds	20 792 09	2 900 ..	3 777 81	40 814 03	1 495 04	66 444 07	109 655 83
Little Falls	7 631 95	3 725 ..	1 176 29	474 79	34 619 14	2 839 44	50 461 51
Lockport	32 947 22	8 925 ..	1 471 95	3 442 52	62 319 ..	850 24	129 620 47
Middletown	62 435 97	6 725 ..	666 02	2 231 13	66 080 ..	1 492 85	109 520 89
Mount Vernon	138 016 53	15 225 ..	1 901 28	1 430 ..	223 365 40	11 468 51	391 400 72
Newburgh	1 856 25	11 025 ..	2 154 59	709 69	102 220 87	2 921 86	120 888 56
New Rochelle	56 068 89	13 625 ..	684 10	784 ..	129 044 ..	8 280 90	209 066 20
New York	14 605 433 91	1 622 325 ..	104 523 98	217 25	32 690 576 18	79 167 97	49 132 527 04
Niagara Falls	7 869 84	14 125 ..	2 664 ..	47 ..	105 904 45	14 635 58	145 416 12
N. Tonawanda	47 51	6 225 ..	1 011 73	217 25	61 434 74	6 967 42	75 753 40
Opolisburg		5 225 ..	1 436 09	254 89	33 000 ..	2 032 23	41 945 21
Olean	6 467 05	8 450 ..	1 451 37	325 62	77 424 04	3 746 34	97 364 43
Oranida	12 032 39	3 525 ..	1 856 46	624 50	26 000 ..	937 95	44 676 30
Osceola		3 225 ..	1 348 69	709 ..	37 842 22	913 32	45 028 23
Oswego	275 ..	9 125 ..	2 303 42	139 75	55 000 ..	805 19	67 645 36
Plattsburg	10 616 20	4 225 ..	1 129 42	216 63	30 619 96	1 694 49	45 301 72
Port Jervis	3 922 48	4 725 ..	1 229 36	238 95	35 456 25	2 821 15	49 358 19
Poughkeepsie	34 927 60	10 025 ..	1 455 09	2 518 ..	69 790 ..	1 265 ..	119 980 69
Rensselaer	91 96	4 925 ..	817 78	378 40	42 514 97	1 251 03	50 179 16
Rochester	332 652 06	71 825 ..	6 000 04	6 068 08	885 962 34	31 865 32	1 322 372 84
Rocheater		5 625 ..	1 063 56	1 016 34	42 740 ..	2 230 38	52 945 23

TABLE 4 (concluded) — STATISTICS OF PUBLIC SCHOOLS

Financial statement showing receipts and payments

RECEIPTS

CITIES	Balance on hand Aug. 1, 1908	Public money received for teachers' wages	State aid for library, apparatus, academic quota and attendance and non-resident tuition	Tuition from districts under contract and from individual pupils not paid by State	Tax on property	All other sources	Total
Schenectady.....	\$6 411 03	\$25 325 ..	\$4 826 07	.....	\$359 070 90	\$800 ..	\$396 433 ..
Syracuse.....	241 059 87	52 125 ..	6 780 39	\$2 406 20	518 024 73	13 532 49	853 930 68
Tonawanda.....	124 97	4 437 50	1 071 82	.....	35 625 37	10 332 88	51 592 54
Troy.....	.....	22 425 ..	1 576 ..	760 ..	259 685 79	2 860 46	287 307 25
Utica.....	145 210 41	29 925 ..	2 294 88	1 283 95	221 849 64	43 610 84	444 174 67
Watertown.....	35 616 51	13 925 ..	2 315 05	1 210 72	91 780 ..	1 142 03	145 969 31
Watervliet.....	27 104 58	5 625 ..	760 93	283 ..	25 343 02	20 420 15	79 536 68
Yonkers.....	24 734 85	30 225 ..	2 110 80	920 ..	431 771 65	2 606 04	492 368 34
Total, cities.....	\$16 300 466 59	\$2 337 437 49	\$207 533 62	\$50 705 75	\$40 018 518 10	\$377 289 15	\$59 291 950 70
Total, towns.....	937 462 30	2 266 749 25	354 586 58	148 067 85	7 687 454 88	765 527 70	12 159 848 56
Total, state.....	\$17 237 928 89	\$4 604 186 74	\$562 120 20	\$198 773 60	\$47 705 972 98	\$1 142 816 85	\$71 451 799 26
N. Y. Inst. for the Blind....	\$86 301 68	.....	.....	.....	.....	\$416 589 14	\$502 890 82
N. Y. State School for the Blind.....	294 11	.....	.....	.....	.....	43 635 36	43 929 47
Normal Col. of the City of N. Y.....	.....	.....	\$5 417 44	.....	.....	212 455 ..	217 872 44
Total, special schools...	\$86 595 79	.....	\$5 417 44	.....	.....	\$672 679 50	\$764 692 73

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Albany co., 1st com'n's dist. Elementary schools..... Secondary schools..... Total.....	\$24 604 98 3 440 .. 27 944 98	\$625 79 19 81 .. 645 60	\$50 81 .. 50 81	\$2 711 94 888 25 3 610 20	..... ..... .....	\$1 785 46 658 29 2 343 75	\$735 64 373 61 1 109 25	\$3 862 03 1 045 66 5 027 69	\$2 420 71 27 68 2 448 39	\$86 817 86 6 363 31 43 180 67
2d com'n's dist. Elementary schools..... Secondary schools..... Total.....	19 344 42 19 344 42	74 07 74 07	51 88 51 88	1 799 83 1 799 83	..... .....	..... .....	..... .....	2 969 02 2 969 02	1 431 66 1 431 66	25 670 88 25 670 88
3d com'n's dist. Elementary schools..... Secondary schools..... Total.....	33 172 70 1 350 .. 34 522 70	676 62 186 35 862 97	263 77 7 20 270 97	10 086 38 267 17 10 353 55	..... ..... .....	3 416 67 333 33 3 750 ..	910 .. 140 .. 1 050 ..	8 922 23 315 65 9 237 78	5 643 .. 5 100 .. 5 743 ..	63 103 37 2 639 60 65 742 97
Allegany co., 1st com'n's dist. Elementary schools..... Secondary schools..... Total.....	48 308 36 10 420 .. 58 728 36	2 043 88 252 32 2 326 20	665 91 253 33 919 24	16 132 50 1 391 81 17 524 31	..... ..... .....	1 250 .. 250 .. 1 500 ..	386 39 190 .. 576 39	6 650 01 2 025 13 8 675 14	4 479 30 553 71 5 033 01	80 216 35 15 366 30 95 582 65
2d com'n's dist. Elementary schools..... Secondary schools..... Total.....	63 369 10 27 941 84 91 310 94	580 13 625 77 1 205 90	1 283 65 694 11 1 977 76	12 112 25 2 120 10 14 232 35	..... ..... .....	5 902 66 3 570 34 9 473 ..	2 065 53 1 265 79 3 331 32	13 659 27 5 311 88 18 901 15	12 944 95 2 651 79 15 596 74	111 847 54 44 201 62 156 049 16
Broome co., 1st com'n's dist. Elementary schools..... Secondary schools..... Total.....	39 477 44 5 575 .. 45 052 44	1 075 89 170 .. 1 245 89	1 035 45 .. 1 035 45	6 538 89 1 565 13 8 092 02	..... ..... .....	..... ..... .....	..... ..... .....	6 231 63 1 190 01 7 421 63	3 969 29 96 71 4 065 ..	58 346 48 8 585 85 66 932 33
2d com'n's dist. Elementary schools..... Secondary schools..... Total.....	44 409 88 10 733 99 55 143 37	465 36 236 09 701 45	1 001 62 418 23 1 419 84	2 807 59 595 11 3 402 70	..... ..... .....	3 163 50 2 063 50 5 225 ..	1 908 80 1 336 87 3 245 67	9 861 66 5 679 .. 15 440 66	4 408 63 810 33 5 218 96	68 028 36 21 772 31 89 797 67

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INTERESTS		All Other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Cattaraugus co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	\$17 98 50 12 06 66 60 05 1 80	\$1 756 53 277 03 2 033 56	\$333 98 57 44 391 42	\$3 864 12 563 52 4 752 65	..... ..... .....	\$3 052 52 1 650 4 702 52	\$1 974 14 473 19 2 447 33	\$8 114 37 2 504 29 10 018 66	\$9 781 23 1 093 23 10 874 46	\$76 862 70 18 989 70 95 852 40
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	48 963 05 13 790 62 453 05	1 325 58 221 12 1 546 70	100 27 274 82 375 09	6 629 08 2 110 02 8 739 10	..... \$30 80	3 077 50 2 900 5 977 50	1 164 80 505 1 669 80	11 140 73 7 033 32 18 174 05	7 357 74 1 040 96 9 397 70	79 458 75 28 864 24 108 322 99
3d com'r dist. Elementary schools..... Secondary schools..... Total.....	39 156 65 11 892 51 048 65	1 064 34 274 23 1 368 57	830 73 153 62 984 35	6 437 95 2 292 55 8 640 75	..... ..... .....	1 666 67 833 33 2 500	976 67 488 33 1 465	7 542 10 3 026 98 10 569 08	4 053 96 3 317 35 4 371 31	61 759 07 19 188 67 80 947 74
Cayuga co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	36 647 70 8 190 44 837 70	665 31 153 50 818 81	1 362 01 81 04 1 443 05	3 140 16 452 13 3 692 29	..... ..... .....	1 374 67 1 000 33 2 375	1 029 17 889 58 1 918 75	7 892 33 1 911 47 9 803 80	4 903 22 3 317 35 5 894 74	57 014 57 13 659 57 70 674 14
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	49 821 04 8 190 58 742 29	636 19 101 55 737 74	1 158 75 73 75 1 239 50	2 555 96 236 50 2 892 46	..... ..... .....	700 700	253 253	9 583 59 1 066 17 11 248 76	6 310 93 6 273 66 6 594 59	71 015 46 8 371 88 79 387 34
Chautauque co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	26 831 18 11 881 48 692 18	1 772 44 197 34 1 969 78	265 95 31 63 297 58	9 407 99 4 635 53 14 043 52	100 90 190	1 037 25 500 1 537 25	220 30 180 400 30	7 451 83 2 367 21 10 249 04	12 285 70 4 697 61 16 983 31	69 372 64 25 090 23 94 462 86
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	63 355 60 18 176 33 79 533 93	1 858 28 81 43 1 939 88	205 96 144 50 360 46	13 160 57 4 798 45 17 959 02	424 64 362 27 816 91	2 166 67 1 333 33 3 500	619 94 1 434 94 2 044 94	14 167 93 5 660 28 19 818 21	7 289 91 1 089 71 8 399 62	103 240 49 31 092 50 134 332 99

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	NORMAL INDUSTRIES		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Cortland co. (cont'd) 2d com'r dist. Elementary schools..... Secondary schools..... Total.....	\$23 684 50 4 528 89 28 213 50	\$433 20 89 62 722 84	\$284 58 105 80 370 38	\$1 045 27 287 27 1 332 54	..... ..... .....	\$1 875 .. 1 091 .. 2 025 ..	\$510 95 36 .. 546 95	\$5 557 01 1 074 07 6 631 08	\$3 890 12 319 .. 4 208 12	\$37 459 85 6 839 70 44 049 51
Delaware co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	70 718 89 17 025 .. 96 743 89	1 507 60 294 49 1 802 13	1 543 92 840 93 2 384 85	6 288 27 6 019 88 7 900 15	..... ..... .....	2 775 .. 2 764 .. 5 539 ..	1 242 27 706 23 2 038 60	13 981 01 4 189 24 118 181 15	7 089 50 539 70 8 529 20	115 045 55 28 075 83 143 121 08
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	71 815 42 14 368 25 86 183 67	773 60 632 60 1 426 20	1 532 42 322 54 1 854 96	4 468 77 1 232 72 5 721 49	..... ..... .....	1 135 97 2 764 .. 2 010 97	401 63 436 84 947 96	10 108 80 4 361 30 14 560 25	5 342 08 604 08 5 946 76	95 758 86 22 863 49 118 622 35
Dutchess co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	67 324 45 13 571 .. 80 895 45	1 037 44 309 41 1 346 85	138 26 236 14 474 40	8 271 75 1 998 32 10 268 27	\$1 175 72 562 02 1 767 74	3 508 33 666 67 4 175 ..	1 680 62 38 33 1 738 95	14 781 40 5 418 07 20 199 56	7 516 77 500 12 8 316 89	105 424 83 23 748 25 129 183 11
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	55 579 04 11 729 18 70 305 22	1 062 24 315 57 1 377 81	456 86 304 29 763 15	6 683 04 1 486 49 8 169 53	508 51 274 88 783 39	1 467 .. 2 060	849 91 223 75 673 66	12 771 98 8 480 60 16 202 53	6 313 53 683 23 6 996 76	88 194 06 19 029 99 107 224 05
Erie co., 1st com'r dist. Elementary schools..... Secondary schools..... Total.....	61 122 03 18 779 76 79 924 78	1 119 97 323 16 1 443 13	301 73 323 16 627 14	12 796 .. 2 586 65 15 632 65	705 19 297 70 1 002 89	7 438 50 3 021 80 10 460 ..	2 674 13 1 187 28 3 861 51	18 988 14 23 409 01	18 513 63 2 160 46 20 674 39	123 854 62 33 660 85 157 025 50
2d com'r dist. Elementary schools..... Secondary schools..... Total.....	55 281 70 17 402 64 72 684 94	1 283 81 379 79 1 673 10	210 84 298 25 478 59	8 624 74 1 884 11 10 408 85	300 300 ..	2 500 .. 500 .. 3 000 ..	645 .. 190 .. 835 ..	14 144 39 4 260 54 18 494 93	7 071 48 1 409 56 8 481 33	89 950 96 26 855 18 116 806 14

8d con't dist.	34 060 65	1 694 40	504 24	1 954 10	1 300 ..	918 50	3 874 13	49 006 74
Elementary schools	10 067 ..	143 30	213 13	1 570 79	1 050 ..	566 50	365 67	10 738 46
Secondary schools	44 117 65	1 667 70	717 37	3 328 94	3 350 ..	1 787 ..	4 269 80	65 745 20
Total								
Emox co., 1st con't dist.								
Elementary schools	38 885 33	1 701 42	267 31	7 280 93	1 849 07	675 90	5 241 04	63 432 57
Secondary schools	9 638 52	600 08	231 84	7 408 45	712 50	284 68	490 19	21 957 53
Total	48 523 85	2 400 50	539 15	14 689 41	2 561 57	963 58	6 731 23	84 120 09
2d con't dist.								
Elementary schools	44 267 50	1 186 23	349 28	3 806 27	2 350 ..	1 700 54	6 508 66	72 942 ..
Secondary schools	14 679 40	323 52	243 74	1 501 01	875 ..	5 013 18	1 502 40	26 156 17
Total	59 066 90	1 510 14	592 02	5 307 28	3 225 ..	3 141 12	8 071 06	98 998 17
Franklin co., 1st con't dist.								
Elementary schools	63 153 02	1 733 42	198 73	22 696 60	4 248 24	751 49	8 345 68	116 168 81
Secondary schools	12 304 ..	315 38	622 77	1 813 08	800 ..	433 58	1 426 45	23 157 69
Total	75 457 02	2 048 90	851 50	24 509 68	5 048 24	1 185 07	9 772 13	139 326 50
2d con't dist.								
Elementary schools	38 654 56	778 99	183 77	4 355 61	2 058 ..	217 86	4 506 11	58 205 21
Secondary schools	12 315 30	343 50	282 72	999 63	642 ..	72 75	529 15	18 763 87
Total	50 969 86	1 122 39	466 49	5 355 24	2 700 ..	290 61	5 035 26	77 069 08
Fulton co.								
Elementary schools	38 422 55	492 45	172 35	3 342 14	2 235 ..	364 50	4 073 54	64 226 04
Secondary schools	3 100 ..	48 ..	57 86	442 87	642 ..	787 22	53 24	4 518 60
Total	41 522 55	540 45	229 71	3 785 01	2 235 ..	364 50	4 126 78	68 744 72
Genesee co.								
Elementary schools	80 174 62	4 759 68	515 47	16 062 39	4 050 ..	2 593 ..	8 965 90	156 442 35
Secondary schools	23 426 77	1 168 08	258 18	4 975 03	1 700 ..	555 50	1 984 67	46 123 23
Total	103 601 39	5 917 76	753 65	21 037 42	5 750 ..	3 130 50	10 960 57	202 565 58
Greene co., 1st con't dist.								
Elementary schools	45 087 44	1 935 25	238 83	7 602 64	2 850 ..	2 634 ..	3 705 37	73 241 29
Secondary schools	9 200 ..	627 37	478 79	2 363 77	900 ..	244 ..	618 12	17 956 31
Total	54 287 44	2 562 62	807 62	9 966 41	3 750 ..	2 878 ..	4 323 49	91 207 60
2d con't dist.								
Elementary schools	28 258 79	642 50	77 07	1 845 24	950 ..	187 50	2 322 58	39 715 77
Secondary schools	6 328 ..	6 48 ..	6 48	88 79	350 ..	77 50	2 109 82	6 998 24
Total	33 584 79	649 50	83 55	1 934 03	1 300 ..	265 ..	2 502 40	46 714 11
Hamilton co.								
Elementary schools	18 879 85	778 ..	141 94	2 906 97	890 ..	100 60	2 881 08	33 016 94
Secondary schools	3 725 41	215 67	21 10	676 33	960 ..	52 60	3 175 87	6 628 90
Total	22 605 26	993 67	163 04	3 583 30	980 ..	153 20	3 056 90	39 645 23

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments
PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All Other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Herkimer co., 1st com'r dist.										
Elementary schools.....	\$59 753 23	\$1 093 67	\$341 07	\$12 257 64	.....	\$4 417 86	\$2 585 44	\$15 951 60	\$6 240 77	\$102 741 98
Secondary schools.....	10 705 ..	116 33 ..	126 58 ..	1 123 64 ..	.....	957 14 ..	457 56 ..	3 542 74 ..	430 46 ..	17 459 75 ..
Total.....	70 458 33	1 210 ..	467 65	13 481 48	.....	5 375 ..	3 043 30	19 494 34	6 671 23	120 201 33
2d com'r dist.										
Elementary schools.....	53 612 80	1 292 65	219 86	3 913 96	.....	4 441 68	3 063 44	15 407 51	2 304 04	86 255 94
Secondary schools.....	14 304 88	131 15 ..	236 25 ..	1 443 14 ..	.....	516 67 ..	330 66 ..	4 624 95 ..	258 37 ..	21 846 07 ..
Total.....	69 917 68	1 423 80	456 11	5 357 10	.....	4 958 35	3 394 10	20 032 46	2 562 41	108 102 01
Jefferson co., 1st com'r dist.										
Elementary schools.....	37 965 75	1 368 44	503 69	3 422 52	.....	850 ..	218 ..	8 233 92	3 192 20	55 805 52
Secondary schools.....	4 760 ..	93 97 ..	158 33 ..	396 22 ..	.....	850 ..	218 ..	1 111 95 ..	123 58 ..	7 712 05 ..
Total.....	42 726 75	1 462 41	662 02	3 818 74	.....	1 700 ..	436 ..	9 345 87	3 315 78	63 517 57
2d com'r dist.										
Elementary schools.....	51 365 51	1 044 88	305 85	3 237 53	.....	3 110 ..	1 822 94	19 036 17	11 774 32	91 747 20
Secondary schools.....	19 851 34	264 34 ..	312 20 ..	1 365 96 ..	.....	2 387 50 ..	2 232 64 ..	5 702 17 ..	2 331 99 ..	34 318 75 ..
Total.....	71 216 85	1 309 22	488 06	4 603 49	.....	5 497 50	4 055 58	24 738 34	14 106 31	126 065 95
3d com'r dist.										
Elementary schools.....	49 820 82	1 137 47	650 62	6 064 65	\$4 95	1 400 ..	338 17	8 617 68	5 153 52	73 187 88
Secondary schools.....	13 675 75	113 15 ..	312 20 ..	1 838 40 ..	1 80	1 000 ..	645 ..	3 559 37	690 15	21 817 82
Total.....	63 496 57	1 250 62	962 82	7 903 05	6 75	2 400 ..	983 17	12 177 05	5 822 67	95 005 70
Levi's co., 1st com'r dist.										
Elementary schools.....	31 759 72	1 307 53	436 70	1 733 51	.....	535 ..	418 10	4 205 29	4 681 29	45 077 23
Secondary schools.....	5 080 ..	108 31 ..	14 49 ..	206 45 ..	.....	250 ..	101 75	1 026 19	413 59	21 817 82
Total.....	36 839 72	1 415 84	451 23	1 939 96	.....	735 ..	519 85	5 231 48	5 094 88	52 278 01
2d com'r dist.										
Elementary schools.....	39 832 11	396 71	679 49	6 426 79	.....	300 ..	276 ..	6 652 58	5 357 71	59 951 39
Secondary schools.....	7 323 50	25 57 ..	111 76 ..	1 111 76 ..	.....	200 ..	184 ..	1 040 83	1 846 60	11 104 83
Total.....	47 154 61	442 18	705 06	6 538 55	.....	500 ..	460 ..	8 529 18	6 462 54	70 762 12

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INTERESTS		Interest	All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest				
Onondaga co., 1st com'r. dist.											
Elementary schools.....	\$32 377 58	\$1 019 79	\$256 75	\$2 873 71	.....	\$666 66	\$679 13	\$6 280 60	\$4 550 26	\$48 654 48
Secondary schools.....	7 844 38	251 41	157 92	888 43	.....	.....	257	2 214 74	470 08	12 113 96
Total.....	40 221 96	1 271 20	414 67	3 762 14	.....	666 66	936 13	8 475 34	5 020 34	60 768 44
2d com'r. dist.											
Elementary schools.....	45 102 81	2 301 20	370 24	2 728 74	.....	2 242 83	501 90	11 969 67	4 723 85	69 945 33
Secondary schools.....	14 697 87	325 13	78 74	872 32	.....	1 450 80	328 80	3 874 11	662 06	22 289 13
Total.....	59 800 68	2 626 33	448 98	3 605 06	.....	3 692 83	830 80	15 843 78	5 385 91	92 234 46
3d com'r. dist.											
Elementary schools.....	30 947 15	979 21	185 17	2 472 32	.....	.....	59 40	4 676 94	4 036 92	43 357 11
Secondary schools.....	4 885	70 71	8 82	137 83	.....	.....	.....	4 849 08	412 52	6 364 81
Total.....	35 832 15	988 08	255 88	2 610 15	.....	.....	59 40	5 626 87	4 449 44	49 721 92
4th com'r. dist.											
Elementary schools.....	45 848	411 59	955 23	2 705 93	.....	638 80	205 91	6 875 70	5 784 39	63 432 44
Secondary schools.....	8 044 75	26 36	24 05	380 16	.....	.....	.....	2 524 24	41 27	6 346 83
Total.....	53 892 75	437 95	979 28	3 086 09	.....	638 80	205 91	9 702 04	5 825 66	74 779 27
Oneadaga co., 1st com'r. dist.											
Elementary schools.....	41 888 13	851 33	742 69	3 941 72	.....	1 616 67	291 50	10 907 39	4 954 44	65 193 87
Secondary schools.....	13 629 37	483	393 24	1 081 21	.....	1 732 33	605	6 406 99	5 602 67	24 436 81
Total.....	55 517 50	1 334 53	1 135 93	5 022 93	.....	3 360	896 50	10 916 38	5 457 11	89 630 68
2d com'r. dist.											
Elementary schools.....	58 191 90	782 90	676 33	5 305 51	.....	2 193 24	698 25	11 282 26	11 277 72	90 877 81
Secondary schools.....	14 252 50	218 37	34 22	1 624 28	.....	2 416 66	2 538 25	4 980 57	4 249 61	30 827 94
Total.....	72 444 30	1 000 77	710 55	6 929 79	.....	4 610	3 206 60	16 262 83	15 526 83	120 665 17
3d com'r. dist.											
Elementary schools.....	47 122 66	1 392 91	424 01	7 107 76	.....	5 219 17	2 192 87	14 592 83	4 251 49	83 414 20
Secondary schools.....	14 463	210 83	296 63	1 822 68	.....	1 233 33	1 015	6 179 21	979 12	24 106 40
Total.....	61 585 66	1 593 34	622 64	8 930 44	.....	6 553 50	3 210 87	15 766 74	5 230 61	106 522 60

Ontario co., 1st com'r. dist. Elementary schools..... Secondary schools..... Total.....	43 428 26 8 046 .. 81 533 26	1 403 78 316 40 1 720 18	199 56 104 40 303 96	5 607 27 884 66 6 191 93	599 50 125 .. 717 50	308 76 88 .. 388 76	10 847 56 1 848 64 12 196 20	4 287 25 438 03 4 665 28	66 114 63 11 690 13 77 705 06
2d com'r. dist. Elementary schools..... Secondary schools..... Total.....	55 297 25 19 438 20 74 735 45	2 921 92 87 64 3 009 56	231 68 764 08 995 76	5 609 61 8 431 01 14 040 62	335 .. 665 .. 1 000 ..	375 .. 3 942 .. 4 337 ..	13 680 66 9 566 48 23 276 14	3 960 09 12 183 89 16 143 98	82 411 21 55 127 30 187 538 51
Orange co., 1st com'r. dist. Elementary schools..... Secondary schools..... Total.....	64 167 79 15 945 33 80 113 12	1 273 30 111 89 1 384 99	463 79 186 26 640 05	10 882 13 1 684 67 12 066 80	733 02 575 52 1 308 54	4 377 45 1 497 10 5 844 55	17 246 48 5 024 45 22 270 93	6 120 16 1 043 14 7 163 30	110 494 95 28 352 03 138 816 98
2d com'r. dist. Elementary schools..... Secondary schools..... Total.....	65 986 59 13 631 84 79 768 43	1 628 06 153 23 1 681 31	363 86 622 80 876 66	11 478 77 3 899 30 15 273 07	121 09 131 08 242 17	3 199 62 1 825 75 4 625 37	17 712 32 5 059 32 22 801 70	9 261 51 583 96 9 845 17	114 636 96 28 126 98 142 763 98
Orleans co. Elementary schools..... Secondary schools..... Total.....	70 069 36 25 270 29 95 359 65	1 722 24 139 95 1 862 19	885 91 285 16 681 07	5 183 66 3 083 19 8 265 85	3 155 42 2 063 .. 5 268 42	2 561 40 2 431 .. 4 992 40	12 156 31 10 610 73 22 767 04	16 838 24 16 434 39 33 272 63	112 122 54 60 346 71 172 469 25
Onwego co., 1st com'r. dist. Elementary schools..... Secondary schools..... Total.....	30 236 77 2 400 .. 32 636 77	195 97 50 35 246 32	580 29 10 50 590 79	3 396 70 37 63 3 434 33	450 .. 250 .. 700 ..	105 .. 35 .. 140 ..	5 752 75 987 05 6 719 80	4 452 40 204 36 4 686 76	45 199 88 8 954 89 49 154 77
2d com'r. dist. Elementary schools..... Secondary schools..... Total.....	30 225 30 6 396 50 36 621 80	378 67 161 .. 539 67	133 30 117 72 251 02	1 979 02 260 71 2 239 73	423 51 166 67 589 18	41 90 19 17 60 97	5 177 72 947 70 6 125 42	3 088 59 386 42 3 405 01	41 396 91 8 435 89 49 832 80
3d com'r. dist. Elementary schools..... Secondary schools..... Total.....	35 057 39 9 239 25 44 386 64	186 95 186 95	109 15 431 91 531 06	4 561 32 1 005 99 5 568 01	750 .. 650 .. 1 400 ..	372 .. 60 58 1 041 58	7 155 76 3 461 36 10 557 12	4 545 87 387 50 4 913 37	52 738 44 15 846 29 68 584 73
Onwego co., 1st com'r. dist. Elementary schools..... Secondary schools..... Total.....	57 743 23 18 755 10 76 498 42	1 912 17 1 09 44 2 021 61	663 55 511 81 1 205 36	6 005 91 3 123 51 9 130 42	4 670 70 1 749 99 6 420 69	2 244 08 1 066 87 3 310 75	13 040 35 4 247 96 17 288 31	3 378 86 388 86 3 777 84	89 689 94 29 963 46 119 653 40
2d com'r. dist. Elementary schools..... Secondary schools..... Total.....	52 239 01 11 945 .. 64 184 01	1 558 68 207 65 1 766 31	598 23 194 20 1 022 43	3 317 24 4 613 63 7 930 87	4 563 63 1 585 34 6 178 97	387 86 266 12 1 198 98	14 322 24 5 289 16 19 611 40	4 736 28 713 74 5 455 02	82 426 11 31 569 63 104 025 74

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments
PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All Other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Putnam co.										
Elementary schools.....	\$36 479 46	\$685 88	\$60 77	\$9 236 43	.....	\$400 ..	\$125 ..	\$6 710 21	\$7 733 79	\$61 631 54
Secondary schools.....	7 933 34	23 08 24	144 62	1 484 27	.....	100 ..	25 ..	2 344 23	1 144 85	13 199 39
Total.....	44 412 80	908 96	205 39	10 720 70	.....	500 ..	150 ..	9 054 44	8 878 64	74 830 83
Rensselaer co., 1st com'r dist.										
Elementary schools.....	69 842 01	512 60	149 09	18 117 19	\$1 219 54	2 353 ..	2 045 ..	21 255 82	4 580 39	120 673 64
Secondary schools.....	15 717 68	752 03	167 22	2 198 97	1 180 38	.....	78 ..	4 199 69	627 01	24 920 94
Total.....	85 559 69	1 264 63	316 31	20 316 16	2 399 92	2 353 ..	2 723 ..	25 455 51	5 207 40	145 594 62
2d com'r dist.										
Elementary schools.....	34 943 10	1 575 66	74 92	3 638 23	.....	2 000 ..	590 50	5 381 89	4 862 83	53 067 23
Secondary schools.....	200 ..	19 97 72	.....	80 72	.....	50 ..	4 ..	78 34	110 53	633 56
Total.....	35 233 10	1 595 63	74 92	3 719 05	.....	2 050 ..	594 50	5 460 23	4 973 36	53 700 79
Rockland co.										
Elementary schools.....	97 466 16	775 47	819 03	14 861 64	1 080 98	11 579 33	6 980 83	33 857 43	35 830 28	203 201 15
Secondary schools.....	23 443 08	179 27	1 906 82	1 896 82	918 66	2 020 67	1 891 74	10 794 96	10 794 96	52 021 62
Total.....	120 909 24	1 069 19	988 30	16 860 16	1 949 64	13 600 ..	8 872 57	44 389 43	46 623 24	255 222 77
St Lawrence co., 1st com'r dist.										
Elementary schools.....	65 231 91	1 270 22	1 103 69	5 629 60	.....	4 385 12	946 63	10 056 11	8 285 57	96 908 85
Secondary schools.....	79 364 91	1 413 13	1 370 67	7 041 50	.....	1 475 ..	658 21	4 021 91	730 66	23 870 57
Total.....	144 596 82	2 683 35	2 474 36	12 671 10	.....	5 860 12	1 604 84	14 078 02	9 016 23	119 779 42
2d com'r dist.										
Elementary schools.....	65 622 25	2 363 59	1 057 38	5 944 30	.....	4 280 ..	1 198 09	13 984 86	10 391 22	104 786 69
Secondary schools.....	13 733 62	62 10	46 89	900 56	.....	2 510 ..	478 56	4 242 10	1 049 96	23 021 79
Total.....	79 355 87	2 425 69	1 104 27	6 844 86	.....	6 790 ..	1 696 65	18 176 96	11 441 18	127 808 48
3d com'r dist.										
Elementary schools.....	60 965 20	1 720 60	1 134 74	7 684 23	.....	3 523 ..	1 296 ..	13 906 54	6 546 54	96 888 20
Secondary schools.....	99 201 29	1 022 28	1 347 99	3 447 99	.....	1 775 ..	596 ..	3 609 66	3 385 25	21 411 89
Total.....	160 166 49	2 742 88	2 482 73	11 132 22	.....	5 300 ..	1 772 ..	17 516 20	6 931 79	118 300 09

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All other expenses	Balance on hand July 31, 1900	Total
						Principal	Interest			
Suffolk co., 1st com'r dist.										
Elementary schools.....	\$78 560 27	8940 83	\$564 94	\$13 374 12	.....	\$1 516 39	\$6 692 40	\$24 924 80	\$20 697 30	\$157 271 05
Secondary schools.....	24 845 ..	715 93	75 64	1 994 52	.....	3 942 38	2 803 42	7 496 75	4 680 99	46 824 63
Total.....	103 405 27	1 056 76	640 58	15 368 64	.....	15 458 77	9 495 82	32 361 55	25 378 29	203 705 68
2d com'r dist.										
Elementary schools.....	188 091 14	1 561 ..	1 022 99	18 537 41	\$2 100 31	23 634 07	18 197 06	33 471 97	35 846 95	281 462 90
Secondary schools.....	38 411 54	1 823 44	408 69	7 354 54	3 327 62	6 332 65	3 724 36	17 401 48	6 437 89	84 211 91
Total.....	176 502 68	3 384 44	1 431 68	25 891 95	5 427 93	38 966 72	21 921 42	50 873 15	41 274 84	365 674 81
Sullivan co., 1st com'r dist.										
Elementary schools.....	39 410 35	1 087 02	521 22	3 209 33	37 86	2 017 42	530 25	7 650 11	5 211 60	59 675 16
Secondary schools.....	3 525 ..	9 64	186 50	477 46	84 62	.....	.....	2 191 76	501 34	6 976 32
Total.....	42 935 35	1 096 66	707 72	3 686 79	122 48	2 017 42	530 25	9 841 87	5 712 94	66 651 48
2d com'r dist.										
Elementary schools.....	45 919 53	1 155 64	357 95	3 165 73	.....	833 34	244 58	6 652 58	5 317 37	63 646 67
Secondary schools.....	5 055 17	83 64	117 75	522 95	.....	166 66	28 67	1 734 26	568 18	8 265 68
Total.....	50 974 70	1 239 28	475 70	3 688 68	.....	1 000 ..	271 25	8 376 79	5 885 55	71 912 35
Toga co.										
Elementary schools.....	66 495 26	651 15	106 62	14 440 91	278 34	3 666 67	1 916 99	17 312 91	12 110 37	116 978 43
Secondary schools.....	19 600 25	659 45	776 82	2 383 91	139 16	233 33	158 66	6 568 66	3 200 24	31 720 28
Total.....	86 095 61	1 310 60	883 44	16 824 82	417 50	3 900 ..	2 074 75	21 881 47	15 310 61	148 698 80
Tompkins co., 1st com'r dist.										
Elementary schools.....	20 402 80	691 44	56 96	1 286 03	.....	.....	.....	6 109 70	1 961 87	30 508 90
Secondary schools.....	3 250 ..	97 46	95 86	124 89	.....	.....	.....	1 613 02	3 304 75	6 304 76
Total.....	23 652 80	788 90	152 82	1 410 92	.....	.....	.....	7 722 72	2 068 40	35 813 66
2d com'r dist.										
Elementary schools.....	29 541 90	1 535 84	504 84	2 394 84	.....	300 ..	75 50	5 703 08	3 075 37	48 151 23
Secondary schools.....	7 044 ..	509 37	94 ..	591 12	.....	400 ..	75 50	1 144 60	330 86	30 189 45
Total.....	36 585 90	2 045 21	598 84	2 985 96	.....	700 ..	151 ..	6 847 68	3 406 23	53 840 77

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

COMMISSIONER DISTRICTS	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INSTRUMENTS		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Westchester co. (cont'd)										
2d com'n' dist.										
Elementary schools.....	\$163 692 75	\$1 704 88	\$698 19	\$25 470 79	\$8 039 66	\$16 575 ..	\$13 736 83	\$84 498 09	\$42 349 79	\$358 751 48
Secondary schools.....	49 771 77	1 811 96	1 945 84	14 253 12	3 464 40	17 925 ..	24 331 15	22 665 80	10 377 14	146 548 38
Total.....	213 464 52	3 516 84	2 632 13	39 723 91	11 504 06	34 500 ..	38 067 48	107 161 89	52 726 93	503 297 86
8d com'n' dist.										
Elementary schools.....	74 344 73	1 530 90	1 135 26	10 088 44	1 947 89	7 071 58	6 949 79	27 592 63	13 700 55	144 381 79
Secondary schools.....	14 084 75	207 47	497 25	1 915 24	647 93	1 866 87	1 487 76	7 261 67	1 002 85	28 981 77
Total.....	88 429 48	1 738 37	1 632 56	12 003 68	2 595 87	8 938 45	8 437 55	34 854 30	14 703 50	173 363 56
Wyoming co., 1st com'n' dist.										
Elementary schools.....	48 242 78	809 81	287 84	4 178 96	.....	3 250 ..	1 923 12	8 073 81	3 700 77	68 485 59
Secondary schools.....	14 436 30	28 23	91 11	1 982 81	.....	450 ..	797 ..	3 266 89	1 416 09	22 768 23
Total.....	62 778 98	838 04	378 45	6 161 77	.....	3 700 ..	2 720 12	11 339 70	5 316 86	91 253 82
2d com'n' dist.										
Elementary schools.....	31 728 38	804 20	283 25	1 981 52	.....	778 ..	225 69	7 691 98	3 505 15	46 988 08
Secondary schools.....	9 425 40	131 03	143 19	451 89	.....	638 ..	191 83	3 554 ..	1 819 47	16 150 43
Total.....	41 153 78	935 23	426 44	2 433 42	.....	1 412 ..	417 52	11 246 96	5 324 62	63 118 51
Yates co.										
Elementary schools.....	44 517 51	1 777 23	370 97	4 395 86	.....	396 25	16 92	8 798 24	4 837 15	64 210 23
Secondary schools.....	10 785 ..	673 43	94 56	639 59	.....	1 000 ..	1 280 ..	5 593 04	407 51	20 588 16
Total.....	55 272 51	2 450 66	465 53	5 035 45	.....	1 396 25	1 280 92	13 391 28	5 037 66	84 898 38
CITIES										
Albany										
Elementary schools.....	214 015 57	\$577 69	\$153 ..	\$18 724 81	\$7 086 95	.....	.....	\$61 012 24	\$126 687 15	\$498 230 41
Secondary schools.....	45 284 25	702 57	292 74	2 457 00	5 433 46	.....	.....	11 108 11	25 327 43	89 708 16
Total.....	259 299 82	1 280 26	545 74	21 172 41	12 501 41	.....	.....	72 120 35	152 024 58	518 944 57
Amsterdam										
Elementary schools.....	49 415 78	400 ..	126 01	4 543 31	344 84	.....	.....	10 745 25	71 81	70 605 50
Secondary schools.....	11 711 04	230 69	200 99	2 071 86	674 99	.....	.....	4 115 29	17 80	21 994 19
Total.....	61 126 84	764 64	446 70	6 614 87	1 019 83	.....	.....	14 860 54	89 11	92 599 69

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

CITIES	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Glens Falls										
Elementary schools.....	\$24 403 87	\$714 78	\$43 10	\$7 033 10				\$9 134 49	\$1 647 73	\$42 977 07
Secondary schools.....	9 396 25	400	80 43	1 224 45				2 800	411 04	23 963 07
Total.....	33 800 12	1 114 78	123 53	8 257 55				11 934 49	2 059 67	66 930 14
Gloversville										
Elementary schools.....	34 896 95	167 08		6 254 93				27 456 69	7 264 95	83 021 85
Secondary schools.....	12 249 26	108 45	153 55	7 957 51				5 451 34	1 452 90	29 264 35
Total.....	47 146 21	275 53	153 55	14 312 44				32 908 03	8 717 84	112 286 20
Hornell										
Elementary schools.....	26 840 76	414 73	6 25	12 268 76				10 587 68	7 869 23	60 377 40
Secondary schools.....	10 337 21	131 16	6 25	775 07				3 327 86	.....	14 571 30
Total.....	37 177 97	545 89	6 25	13 033 83				13 915 54	7 869 23	74 948 70
Hudson										
Elementary schools.....	14 890 08	165 02	83 82	1 500	\$500			5 022 84	18 411 74	41 485 37
Secondary schools.....	5 648 89	7 71	124 52	292 56	156 54			1 761 94	6 137 25	14 737 37
Total.....	20 538 97	173 73	208 34	1 792 56	636 54			6 784 78	24 548 99	56 222 74
Ithaca										
Elementary schools.....	24 055 38	104 60	73 47	4 621 85	635 80			28 525 15	510 99	58 537 24
Secondary schools.....	18 339 37	203 45	.....	1 957 34	443 82			10 989 08	.....	31 953 06
Total.....	42 394 75	308 05	73 47	6 579 19	1 079 62			39 514 23	510 99	90 490 30
Jamestown										
Elementary schools.....	69 139 03	139 45	396 96	13 168 01	2 818 54			19 498 16	.....	114 590 15
Secondary schools.....	19 418 38	631 33	79 84	6 243 61	1 071 65			12 164 08	.....	44 338 89
Total.....	88 557 41	770 78	478 80	19 461 62	3 890 19			31 662 24	.....	158 929 04
Johnstown										
Elementary schools.....	17 866 95	210 85	.....	553 62	.....			7 124 33	5 211 69	36 207 44
Secondary schools.....	8 396 25	34 32	69 23	88 16	.....			1 159 77	.....	9 747 73
Total.....	26 263 20	245 17	69 23	641 78	.....			8 284 10	5 211 69	45 955 17

TABLE 4 (continued) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

CITIES	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INDEBTEDNESS		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
North Tonawanda										
Elementary schools.....	\$25 423 21	\$2 000	863 16	\$4 774 73	\$779 12	\$1 666 67	\$3 518 50	\$12 274 53	\$26 15	\$50 462 91
Secondary schools.....	13 400	.....	683 16	2 857 35	389 56	533 53	1 759 25	5 824 76	13 07	25 280 49
Total.....	38 823 21	2 000	683 16	7 162 08	1 168 68	2,500	5 277 75	18 099 29	39 22	75 753 40
Ogdensburg										
Elementary schools.....	19 648 45	251 60	.....	1 727 83	1 483 10	.....	.....	9 830 30	.....	32 941 33
Secondary schools.....	6 740	65 46	.....	604 94	1 483 10	.....	.....	1 566 48	.....	9 006 88
Total.....	26 388 45	317 06	.....	2 332 82	.....	.....	.....	11 426 78	.....	41 948 21
Olean										
Elementary schools.....	37 876 41	3 384	.....	7 755 06	2 313 05	3 333 24	2 384 60	15,201 16	6 189 13	77 886 75
Secondary schools.....	12 800	666	.....	1 048 50	.....	666 66	476 90	3 039 43	1 031 23	19 977 67
Total.....	50 176 41	4 000	.....	8 803 56	2 313 05	4 000	2 861 50	18 240 59	7 220 36	97 864 42
Oneida										
Elementary schools.....	13 116	135 25	52 25	17,799 63	.....	.....	.....	5 882 61	7 480 20	28 465 94
Secondary schools.....	6 350	487 67	207 51	8,555 48	.....	3 000	1 080	2 371 80	2 493 40	16 510 36
Total.....	19 466	622 92	254 76	2,365 11	.....	3 000	1 080	8 253 91	9 973 60	44 976 30
Oneonta										
Elementary schools.....	9 009 22	911 08	49 80	923 67	575 19	2 000	217 17	6 020 74	254 78	19 961 30
Secondary schools.....	7 835 25	455 84	244 04	1 079 40	.....	5 500	4 480	254 73	254 73	16 510 36
Total.....	16 544 47	1 366 92	293 84	2 003 07	575 19	7 500	4 647 17	10 966 71	509 46	44 088 23
Oswego										
Elementary schools.....	33 680 86	263 94	55	6 007 15	60	.....	.....	13 435 75	208 76	53 721 46
Secondary schools.....	10 875	46	55	1 301 90	5	.....	.....	1 700	.....	13 926 90
Total.....	44 556 86	308 94	55	7 309 05	65	.....	.....	15 135 75	208 76	67 648 36
Plattsburg										
Elementary schools.....	17 815 68	.....	100 60	501 50	.....	2 000	.....	7 060	12 767 70	86 266 43
Secondary schools.....	6 200	.....	46 87	451 17	.....	2 000	248	2 200 25	.....	10 206 29
Total.....	23 015 68	.....	147 47	952 67	.....	2 000	248	9 260 25	12 767 70	48 501 72

TABLE 4 (concluded) — STATISTICS OF PUBLIC SCHOOLS
Financial statement showing receipts and payments

PAYMENTS

CITIES	Teachers' wages	Library	Apparatus	Schoolhouses, sites, repairs and furniture	Free textbooks	BONDED INTEREST-FREES		All other expenses	Balance on hand July 31, 1909	Total
						Principal	Interest			
Watertown										
Elementary schools.....	\$53 994 40	\$231 15	\$68 25	\$9 900	\$2 200			\$94 200	\$26 000	\$116 683 80
Secondary schools.....	16 870 ..	46 44	70	860 95	28 51			4 026 87	10 000	29 305 31
Total.....	69 864 80	277 59	218 25	10 860 95	2 228 51			28 926 87	33 612 74	145 969 31
Waterville										
Elementary schools.....	25 859 75	147 50	.....	2 551 93	.....			10 880 50	21 499 75	60 439 43
Secondary schools.....	6 300 ..	25	62 25	620	.....			2 100 ..	10 000	19 027 25
Total.....	31 659 75	172 50	62 25	3 171 93	.....			12 980 50	31 499 75	79 536 68
Yonkers										
Elementary schools.....	251 843 56	686 18	768 37	23 564 74	4 081 99	\$13 250 ..	\$53 580 77	68 478 51	1 263 77	416 937 89
Secondary schools.....	46 678 76	109 22	2 146 56	1 941 29	1 704 83	5 600 ..	7 325 ..	10 424 80	.....	78 430 45
Total.....	298 222 32	795 40	2 914 92	25 406 03	5 786 82	18 250 ..	60 855 77	78 903 31	1 263 77	492 368 34
Cities, elementary	\$22 769 680 46	\$98 208 64	\$10 290 07	\$9 680 436 64	\$480 574 87	\$241 955 22	\$199 790 49	\$4 967 591 24	\$14 687 727 04	\$63 028 154 87
Towns, elementary	5 908 882 31	132 053 89	58 674 08	744 314 12	38 446 45	364 038 15	218 511 10	1 449 776 ..	867 831 60	9 676 126 70
Total, elementary.....	\$28 578 462 77	\$230 262 73	\$63 964 15	\$10 324 750 76	\$517 021 32	\$606 993 37	\$418 301 59	\$6 407 366 24	\$15 555 558 64	\$63 702 281 57
Cities, secondary	\$3 272 768 06	\$24 864 53	\$36 262 05	\$78 972 29	\$80 415 48	\$82 756 78	\$52 735 36	\$578 385 61	\$1 764 965 67	\$6 285 785 83
Towns, secondary	1 353 426 66	80 029 35	25 578 18	192 900 64	21 261 32	140 156 60	102 528 25	449 185 43	1 168 661 64	2 458 731 86
Total, secondary.....	\$4 626 194 71	\$64 893 88	\$65 774 23	\$571 872 93	\$101 676 80	\$222 913 38	\$155 263 61	\$1 027 571 04	\$1 933 367 31	\$8 749 517 69
Total, cities.....	\$26 042 348 52	\$123 073 37	\$40 492 12	\$9 959 408 93	\$560 990 35	\$324 712 ..	\$253 525 85	\$5 535 976 58	\$16 452 422 71	\$59 291 950 70
Total, towns.....	7 162 308 96	162 083 24	79 246 26	937 214 66	57 707 77	504 764 75	321 039 35	1 898 960 43	1 036 493 14	12 159 548 56
Total, State.....	\$33 204 657 48	\$285 156 61	\$119 738 38	\$10 896 623 59	\$618 698 12	\$829 506 75	\$573 565 20	\$7 434 937 28	\$17 488 915 85	\$71 451 799 26
N. Y. Inst. for the Blind										
Elementary.....	\$13 752 18	.....	\$157 50	\$17 967 28	.....	.....	.....	\$319 441 81	\$67 776 96	\$419 075 68
Secondary.....	2 746 43	.....	31 50	3 963 49	.....	.....	.....	69 888 37	13 555 38	53 816 14
Total.....	16 478 66	.....	189 ..	21 660 74	.....	.....	.....	389 330 181	81 332 34	602 890 82

TABLE 5 — STATISTICS OF PUBLIC SCHOOLS
Miscellaneous and compulsory education

COUNTIES	Com- missioner districts	MISCELLANEOUS										COMPULSORY LAW					
		No. of inspec- tions by school- com- missioner	Districts building new school- houses during year	Districts observ- ing Arbor day	No. of trees planted on school grounds	No. of live trees on school grounds	No. of live trees set since 1889	No. of school recor- dists certifi- cates issued	NO. OF PERSONS IN PARENTAL RELATION TO CHILDREN			No. of visits to school by at- tendance officer	No. of truant arrested by at- tendance officer	No. of truant sent to schools			
									Arrested	Fined	Im- prisoned						
Albany.....	1	45	1	45	35	312	239	39				58					
	2	80	2	47	79	442	385	8				32					
	3	43	3	38	56	555	196					293					
Allegany.....	1	146	5	108	126	994	35					134					
	2	112	3	93	104	690	45					903					
Broome.....	1	166	1	91	134	543	46					124					
	2	188	1	92	117	933	522	100				309					
Cattaraugus.....	1	294	1	97	107	120	68					188					
	2	168	1	78	235	755	10					532					
	3	146	1	85	67	936	50					112					
Cayuga.....	1	84	1	81	45	102	416	67				914					
	2	141	1	125	122	843	985	91				638					
Chautauquin.....	1	56	1	55	52	1041	418	18				722					
	2	125	90	87	1207	785	116					464					
	3	160	71	59	71	272	550	92				915					
Chemung.....	1	118	102	158	1699	683	50					109					
Chemungo.....	1	71	110	115	1578	1070	75					516					
	2	127	1	94	71	1006	572	7				895					
Clinton.....	1	70	48	48	143	496	298	62				67					
	2	40	81	40	204	106	25					728					
	3	60	59	59	82	385	192	41				332					
Columbia.....	1	142	65	65	94	799	591	100				726					
	2	90	76	76	76	841	369	180				225					
	3	131	68	68	55	584	308	32				881					
Cortland.....	1	108	42	49	469	62	390	18				595					
	2	108	4	141	179	1008	829	47				1210					
Delaware.....	1	58	24	24	145	172	155	109				1384					
	2	168	2	85	72	1696	538	111				440					
Dutchess.....	1	104	2	88	93	1696	538	111				378					
	2	116	75	75	106	1215	727	229				522					
Erie.....	1	105	86	86	196	11	608	140				344					
	2	85	78	78	82	779	486	104				380					
	3	47	1	1	78	122	772	45				1360					
Essex.....	1	36	1	73	202	916	610	54				1360					

Franklin.....	1	101	5	88	171	746	568	114	26	8	114	1	180	6
Fulton.....	2	96	112	82	112	980	792	80	2	2	80	1	936	5
Genesee.....	1	167	195	97	195	973	736	104	5	3	104	1	810	3
Greene.....	1	145	140	120	140	864	167	167	22	8	167	1	842	12
Hamilton.....	2	108	65	72	93	839	378	93	10	6	93	1	681	60
Herkimer.....	2	84	54	54	56	549	402	54	10	6	54	1	443	6
Jefferson.....	1	50	34	53	549	827	292	21	9	6	21	1	241	2
Lewis.....	2	60	82	102	93	834	827	93	6	2	93	1	783	11
Livingston.....	2	18	76	96	85	107	587	85	7	5	85	1	814	1
Madison.....	1	216	87	72	107	807	597	46	6	4	46	1	126	1
Montgomery.....	2	209	84	135	903	448	448	68	6	4	68	1	95	1
Nassau.....	3	218	104	104	914	333	333	26	2	1	26	1	319	1
Oneida.....	1	88	82	100	546	422	29	29	2	1	29	1	106	1
Ontario.....	2	113	95	117	103	838	575	76	3	3	76	1	565	6
Orleans.....	2	94	75	75	734	683	12	53	0	0	53	1	574	6
Oswego.....	2	94	87	91	1024	566	37	12	0	0	12	1	430	3
Putnam.....	2	190	75	85	1035	549	37	73	6	2	73	1	477	10
Rensselaer.....	2	103	86	92	888	710	134	86	6	5	86	1	365	2
Rockland.....	2	122	103	97	1098	566	644	137	7	3	137	1	944	19
St Lawrence.....	2	85	58	58	530	271	271	102	6	5	102	2	653	60
	1	78	63	63	830	455	58	66	102	26	66	1	354	1
	2	116	89	172	137	813	66	86	10	4	86	1	376	1
	3	58	88	86	804	512	307	87	3	1	87	1	601	5
	4	76	88	86	897	541	54	54	3	1	54	1	990	2
	5	81	88	86	887	541	54	54	3	1	54	1	531	2
	6	104	81	117	913	668	60	60	1	1	60	1	646	2
	7	140	76	135	1013	290	44	44	1	1	44	1	297	36
	8	118	55	53	259	470	100	100	1	1	100	1	471	10
	9	62	47	47	726	416	47	47	8	4	47	1	174	3
	10	174	62	62	145	606	56	56	5	2	56	1	714	1
	11	184	87	100	1550	850	47	47	5	2	47	1	764	1
	12	85	101	51	811	236	101	101	40	17	101	2	740	2
	13	62	94	262	827	287	77	77	12	3	77	2	233	1
	14	126	106	93	1190	556	150	150	3	3	150	2	865	2
	15	150	80	84	877	546	400	400	3	3	400	1	186	1
	16	120	67	67	768	58	53	53	3	2	53	1	49	5
	17	130	81	81	1068	58	31	31	2	2	31	1	114	5
	18	180	121	121	445	726	71	71	2	1	71	1	104	2
	19	112	117	137	358	081	60	60	2	1	60	1	236	2
	20	61	62	74	573	231	38	38	4	4	38	1	432	44
	21	69	84	96	540	247	110	110	3	2	110	1	549	1
	22	94	93	96	617	571	217	217	3	2	217	1	285	3
	23	61	46	50	767	277	171	171	50	4	171	1	401	36
	24	150	132	170	138	176	54	54	6	2	54	1	660	1
	25	179	170	342	1789	359	60	60	2	2	60	1	110	3
	26	179	142	142	1849	1	86	86	3	3	86	1	070	1

TABLE 5 (continued) — STATISTICS OF PUBLIC SCHOOLS
Miscellaneous and compulsory education

COUNTIES	Com- missioner districts	MISCELLANEOUS										COMPULSORY LAW				
		Districts building new school- houses during year	Districts observ- ing Arbor day	No. of trees planted on school grounds	No. of live trees on school grounds 1889	No. of live trees set since 1889	No. of school record certifi- cates issued	NO. OF PERSONS IN PARENTAL RELATION TO CHILDREN			No. of visits to school by at- tendance officer	No. of truant arrested by at- tendance officer	No. of truant admitted to truant schools			
								Arrested	Fined	Im- prisoned						
Saratoga.....	1	111	90	114	1 121	372	99	8	2		740	14	2			
Schenectady.....	2	30	82	133	888	472	42	14			1 233	6	2			
Schoharie.....	1	102	57	154	893	442	22	14	7		364	13				
Schoharie.....	2	103	76	119	902	736	30	8	3		248	3				
Schuyler.....	1	168	76	125	890	658	109				92	1				
Schuyler.....	2	113	98	580	990	221	5	1			689					
Seneca.....	1	184	90	102	1 398	445	106	7			715	13	2			
Seneca.....	2	22	102	135	1 667	832	112	112	17		1 071	4	1			
Stouten.....	1	127	92	127	1 768	571	104	20	2		1 514	4	2			
Suffolk.....	3	180	86	184	1 153	707	104	2			735	2				
Suffolk.....	1	87	82	123	1 157	292	169	18	8		1 786	1				
Suffolk.....	2	109	80	97	2 806	730	262	48	10		2 853	21	5			
Sullivan.....	1	101	70	70	925	479					631					
Sullivan.....	2	11	64	106	1 186	413	111				683					
Tioga.....	1	92	99	151	1 479	854		3	2		933	20	6			
Tioga.....	2	111	58	67	914	420	49				261					
Tompkins.....	1	151	78	62	1 022	547	57				337					
Tompkins.....	2	121	37	42	571	159	135	8	5		367	1				
Ulster.....	1	84	84	173	1 673	432	133	5	1		540	1	1			
Ulster.....	2	117	86	93	1 213	467	110	11	6		489	1	1			
Warren.....	3	78	45	52	638	213	78	32	1		845	32				
Warren.....	1	77	64	130	640	449	41	1	1		514					
Washington.....	2	164	89	71	708	334	65	27	5		915	4	3			
Washington.....	1	100	116	112	680	417	123	9	5		1 275	20	7			
Wayne.....	2	88	102	81	1 514	604	140	5	1		1 302	3				
Wayne.....	1	90	87	58	1 200	355	128	4			820	79	6			
Wayne.....	2	40	12	61	222	54	107	16	3		3 443	17				
Westchester.....	2	106	37	52	874	448	102	34	9		1 341	13	3			
Westchester.....	3	97	71	95	842	333	85	18	5		1 155	2	1			
Wyoming.....	2	72	88	117	889	443	79	2			80					
Wyoming.....	1	59	63	54	708	476	31	2			435	8	2			
Yates.....	2	106	92	120	1 167	372	89	13	1							
Total.....		12 288	9 394	12 676	117 132	61 893	9 148	987	308	7	5 77 906	775	104			

TABLE 5 (continued) — STATISTICS OF PUBLIC SCHOOLS
Miscellaneous and compulsory education

CITIES	MISCELLANEOUS					COMPULSORY LAW						
	Cities building new school-houses during year	Cities observing Arbor Day	No. of trees planted on school grounds	No. of live trees on school grounds	No. of live trees set since 1889	No. of school record certificates issued	NO. OF PERSONS IN PARENTAL RELATION TO CHILDREN			No. of cases investigated by attendance officer	No. of truants arrested by attendance officer	No. of cases omitted to truants schools
							Attended	Fined	Imprisoned			
Albany.....	1	1	22	83	61	924	10	10	1 558	10	4	
Amsterdam.....	1	1	6	140	146	148	10	2	1 298	20	2	
Auburn.....	1	1	2	102	28	46	27	1	1 480	10	2	
Binghamton.....	1	1	64	288	170	146	27	1	1 055	27	19	
Buffalo.....	1	1	4	623	819	1 532	9	74	15 450	241	11	
Cuba.....	1	1	4	19	5	218	6	3	1 334	60	24	
Corning.....	1	1	1	40	5	48	9	3	398	.....	.....
Corning.....	1	1	1	28	5	28	1	1	870	.....	.....
Deerfield.....	1	1	1	401	123	69	6	1	841	30	3	
Dunkirk.....	1	1	72	559	246	113	1	1	1 028	1	4	
Elmira.....	1	1	1	9	81	17	1	1	1 114	21	2	
Fulton.....	1	1	4	76	36	17	.....	.....	.....	.....	.....
Geneva.....	1	1	2	170	25	43	29	6	1 119	25	.....
Geneva.....	1	1	1	171	11	171	8	6	2 164	3	.....
Glen Falls.....	1	1	5	83	11	56	7	1	943	2	.....
Governville.....	1	1	1	12	12	29	7	2	794	11	3	
Horwell.....	1	1	1	160	160	33	10	1	728	13	3	
Hudson.....	1	1	52	238	165	295	4	1	999	13	.....
Ilion.....	1	1	9	44	65	65	11	1	714	10	.....
Jamestown.....	1	1	1	255	135	138	22	2	1 844	112	3	
Johnston.....	1	1	1	15	10	15	22	2	200	2	2	
Kingston.....	1	1	7	62	7	67	3	2	404	6	3	
Lewisiana.....	1	1	1	360	140	99	.....	.....	610	5	4
Little Falls.....	1	1	5	107	58	51	28	5	369	.....	.....
Lockport.....	1	1	10	179	69	86	8	.....	1 447	86	3
Middletown.....	1	1	11	63	80	33	11	.....	3 290	22	3
Mount Vernon.....	1	1	6	231	123	125	912	235	162 420	3 151	424	
Newburgh.....	1	1	1	873	100	25 965	63	25	1 150	.....	.....
New Rochelle.....	1	1	20	336	100	205	13	9	1 611	6	.....
New York.....	1	1	14	196	114	31	.....	.....	.....	.....	.....
Niagara Falls.....	1	1	1	1	1	1	.....	.....	.....	.....	.....
North Tonawanda.....	1	1	1	1	1	1	.....	.....	.....	.....	.....

TABLE 6 — STATISTICS OF PUBLIC SCHOOLS
Indian school statistics 1908-9

RESERVATION	No. of districts	Pupils of school age	No. at-tending school	Length of school term in days	Average daily attendance	Value of buildings	No. of teachers
Allegany.....	7	160	152	178	86	\$3 500	7
Cattaraugus.....	10	222	191	190	90	6 000	9
Onondaga.....	1	131	131	183	71	8 500	4
St Regis.....	8	270	198	178	116	4 000	8
Shinnecock.....	1	37	39	190	13	600	1
Tonawanda.....	4	118	100	193	62	3 200	4
Tuscarora.....	2	68	59	180	29	1 600	2
Total.....	33	1006	870	.....	467	\$26 400	35

TABLE 7—STATISTICS OF PUBLIC SCHOOLS
Evening schools 1908-9

CITIES	No. of teachers	No. of evening sessions	No. of hours in each session	STUDENTS						RECEIPTS			PAYMENTS		
				NO. OF PERSONS OF ALL AGES WHO ATTENDED EVENING SCHOOLS		NO. OVER 8 AND UNDER 16 YEARS OF AGE WHO ATTENDED EVENING SCHOOLS		Total	From tax levy	From all other sources	Total	For teachers' salaries	For all other expenses	Total	
				Males	Females	Total	Males								Females	Total
Albany.....	50	87	13	1 114	652	1 766	359	137	496	\$8 973 42	\$1 309 38	\$10 282 80	\$9 309 50	\$983 30	\$10 282 80
Auburn.....	11	42	2	125	123	248	6	2	8	915 50	1 361 52	1 361 52	833 50	83	915 50
Binghamton.....	6	68	2	191	60	251	5	2	7	1 361 52	84 249 50	1 361 52	644	82 37	728 37
Buffalo.....	206	60	2	5 035	2 839	7 874	1 413	961	2 384	34 349 50	57	34 349 50	31 104 50	3 155	34 349 50
Elmira.....	3	54	2	129	8	137	7	1	8	500	194	694	430 50	47	487 50
Fulton.....	3	40	1	83	10	93	12	2	14	500	28	528	218	57	104
Geneva.....	6	37	2	57	2	59	2	2	4	500	596	1 096	431	22	218
Gloversville.....	8	50	2	156	47	203	22	22	44	700	431	1 131	231	22	431
Rudson.....	3	44	2	35	20	55	7	2	9	213	50	263	231	22	263
Ithaca.....	3	4	2	32	45	77	22	11	33	80	334	414	1 469 50	104 75	1 574 25
Jamestown.....	25	58	1	330	176	505	4	4	8	1 800	152 70	1 952 70	1 140	60	2 000
Little Falls.....	7	20	1	186	31	217	7	7	14	200	600	800	1 871 25	161 46	962 71
Middleton.....	6	47	2	194	46	240	7	7	14	1 976 19	1 976 19	3 952 38	1 871 25	104 94	4 057 32
Mount Vernon.....	11	8	2	360	120	480	40	12	52	2 500	662	3 162	668 090 54	35 524 94	3 207 54
New Rochelle.....	8	64	2	275	84	359	22	11	33	703 615 38	703 615 38	1 407 293 76	668 090 54	90	1 407 293 76
New York.....	1 015	120	2	63 347	41 881	105 228	10 188	6 792	16 980	1 200 75	519 75	1 720 50	1 200 75	115	1 835 25
Niagara Falls.....	1	44	1	134	44	178	1	1	2	120	120	240	96	24	144
Oswego.....	5	92	1	96	23	119	5	2	7	120	46 783 22	46 783 22	40 945 66	5 837 54	46 783 22
Port Jervis.....	1	48	2	33	109	142	4	2	6	2 183	491 88	2 674 88	3 892 38	491 88	4 386 26
Poughkeepsie.....	5	90	2	77	32	109	10	4	14	3 892	491 88	4 383 88	3 892 38	740 40	5 124 28
Rochester.....	264	69	1	4 073	4 856	8 929	1 060	1 103	2 163	7 472 65	7 472 65	14 945 30	6 732 25	300	15 245 30
Schenectady.....	24	50	2	535	190	725	263	384	647	2 476 50	2 476 50	4 953 00	2 176 50	300	5 129 50
Syracuse.....	38	104	2	1 105	448	1 553	230	25	255	1 839 60	100	1 939 60	1 839 60	1 839 60	3 779 20
Troy.....	13	78	2	464	90	554	220	8	228	68 000	68 000	136 000	68 000	68 000	204 000
Utica.....	30	91	2	1 108	141	1 249	363	8	371	1 839 60	1 839 60	3 679 20	1 839 60	1 839 60	5 518 80
Watkins.....	2	84	2	104	13	117	75	63	138	8 233 01	8 233 01	16 466 02	7 424 50	8 233 01	24 700 02
Yonkers.....	38	72	2	822	312	1 135	141	9	150	8 233 01	8 233 01	16 466 02	7 424 50	8 233 01	24 700 02
Total.....	2 719	.....	.....	80 241	52 190	132 410	14 418	9 349	23 762	\$794 300 02	\$49 247 18	\$843 547 20	\$793 118 32	\$48 810 42	\$892 357 62

TABLE 8 — STATISTICS OF PUBLIC SCHOOLS
Statement showing outstanding bonded indebtedness

COUNTIES	Corners districts	RECEIPTS			PAYMENTS			Total outstanding bonded indebtedness of district
		Remaining on hand from proceeds of sale of bonds of previous year	Received during the year from the sale of bonds	Total	For new school building out of proceeds of bond sale	For other purposes out of proceeds of bond sale	Balance remaining on hand from proceeds of bond sale	
Albany	1		\$17 000	\$17 000	\$16 206 36	\$793 64		\$19 937 50
Albany	2		12 000	12 000	12 000			10 000
Albany	3		12 000	12 000	12 000			18 500
Broome	2	\$14 250	2 200	14 250	14 250	2 121 10	\$78 90	47 220
Broome	2		2 200	2 200				2 200
Cattaraugus	2	21 013 80	2 268 61	23 282 41	21 500	1 339 99	392 42	23 282 41
Cattaraugus	2	1 950	111 616 70	113 566 70	23 199	1 301	89 086 70	20 800
Cattaraugus	3	11 749	31 462 07	31 462 07	11 019	30 862 35	599 72	29 000
Cattaraugus	1							36 250
Cattaraugus	2	1 613 80		1 613 80	1 323 50	1 833 60	290 30	9 000
Cattaraugus	2	33 60		33 60				49 000
Cattaraugus	3		1 800	1 800				35 175
Chemung	1	17 900	3 504 86	21 404 86	17 900	3 504 86		22 850
Chemung	2		20 000	20 000	20 000			45 116 65
Chemung	1	1 08		1 08		1 08		43 700
Chemung	2							5 350
Chemung	3							
Columbia	1	3 539	7 025 38	10 564 38	9 632 19	932 19		15 525
Columbia	2							21 000
Columbia	1							3 800
Columbia	2							500
Columbia	1							12 000
Columbia	2							35 250
Columbia	1	8 000	31 263 98	39 263 98	27 316 13	8 987 85	2 960	39 263 98
Columbia	2	15 000		15 000	7 583 17		7 416 83	15 000
Columbia	1		19 005	19 005		694 50	18 320 50	19 005
Columbia	2				800			75 500
Columbia	1	800		800				12 500
Columbia	2							25 100
Columbia	3	52 455 95	11 070 27	63 526 22	48 513 79	3 972 16		62 455 95
Columbia	1							27 000
Columbia	2							11 070 27
Columbia	1							66

Orleans.....	1	2 678 52	1 500	4 178 52	4 178 52	105 900
Oswego.....	2	1 470 16	600	2 070 16	2 070 16	1 800
Otego.....	1	400 07	6 500	6 500	6 500	72 700
Putnam.....	2	3 989 34	18 000 10	18 400 17	17 896 09	20 396 09
Rensselaer.....	1	75 265 50	5 000	80 265 50	3 989 34	63 100
Rockland.....	2	1 885 12	40 000	1 885 12	14 665 50	540
St Lawrence.....	1	6 500	6 500	2 000	4 500	141 550
Saratoga.....	2	30 341 47	223 25	30 564 72	30 564 72	34 490 88
Schenectady.....	1					62 600
Schoharie.....	2					38 500
Schuyler.....	1					119 850
Seneca.....	2					63 000
Steuben.....	1					28 500
Suffolk.....	2	8 613 60	18 72	8 632 32	8 632 32	15 000
Sullivan.....	1	29 040 60	106 986	136 026 60	136 026 60	12 822
Tioga.....	2					25 000
Tompkins.....	1					68 800
Ulster.....	2	9 091 24	7 000	7 000	7 000	29 250
Warren.....	1	5 000				81 500
Washington.....	2					4 500
Wayne.....	1	2 125	9 208 75	2 125	2 125	3 000
Westchester.....	2	71 765 84	73 837 62	145 703 46	145 703 46	78 960
Wyoming.....	1	211 007 97	166 895 74	377 703 71	377 703 71	19 500
Yates.....	2	64		64	64	8 500
		1 958 55		1 958 55	1 958 55	48 200
						3 000
						78 960
						19 500
						22 000
						10 000
						80 000
						64 750
						25 200
						26 800
						491 850
						789 550
						128 500
						60 200
						7 700
						31 000
Total, towns.....		\$810 740 67	\$1 361 273 15	\$2 172 013 82	\$737 719 99	\$6 582 903 95
				\$1 058 168 30	\$376 125 53	\$2 172 013 82

TABLE 8 (concluded) — STATISTICS OF PUBLIC SCHOOLS
Statement showing outstanding bonded indebtedness

CITIES	RECEIPTS			PAYMENTS				Total outstanding bonded indebtedness of city
	Remaining on hand from proceeds of sale of bonds of previous year	Received during the year from the sale of bonds	Total	For new school building out of proceeds of bond sale	For other purposes out of proceeds of bond sale	Balance remaining on hand from proceeds of bond sale	Total	
Albany.....								\$97,600
Amsterdam.....	\$78,296.56	\$265,696.72	\$343,993.28	\$107,957.46	\$11,163.96	\$224,871.86	\$343,993.28	350,000
Auburn.....	20,000	4,200	20,000	20,000		15,800	20,000	20,000
Binghamton.....	125,692.27	200,000	325,692.27	239,900.78	37,475	48,316.49	325,692.27	2,442,500
Buffalo.....								41,000
Cohoes.....								35,000
Corning.....								102,000
Cortland.....	49,042.89		49,042.89	49,042.89			49,042.89	106,000
Dunkirk.....								35,350
Elmira.....	10,000		10,000			10,000	10,000	88,000
Fulton.....								112,000
Geneva.....								8,000
Glens Falls.....	681.90	25,000	25,681.90	25,681.90			25,681.90	2,257.66
Gloversville.....								20,000
Fornell.....								223,000
Hudson.....								90,000
Ithaca.....								15,000
Jamestown.....		52,821.25	52,821.25	1,475.63		51,345.62	52,821.25	23,000
Johnstown.....		6,000	6,000		5,670	330	6,000	126,184
Kingston.....								59,000
Lackawanna.....								84,000
Little Falls.....								428,750
Lockport.....								227,000
Middletown.....	88,841.66	968.69	89,810.35	72,869.63	4,994.32	11,946.50	89,810.35	417,500
Mount Vernon.....		115,204	115,204	68,673	8,400	38,131	115,204	217,000
Newburgh.....	228.80	162,500	162,728.80	38,421.25	6,021.53	118,286.02	162,728.80	47,500
New Rochelle.....	12,986,820.84	1,081,874.91	14,068,695.75	6,883,716.86	861,943.72	6,323,035.17	14,068,695.75	376,919
Niagara Falls.....	8,135.68	9.67	8,145.35	7,690.01			8,145.35	180,000
Ogdensburg.....	268.16	11,010	11,278.16	3,571.36		7,706.80	11,278.16	130,000
Olean.....		75,487.50	75,487.50	39,748.21		35,739.29	75,487.50	141,000



Exhibit C

STATISTICAL TABLES GIVING DATA BY COUNTIES ON ELEMENTARY AND SECONDARY EDUCATION IN THE PRIVATE ACADEMIES IN THE STATE

Table 1 Buildings, property, library and teachers

Table 2 Registration and attendance of pupils

Table 3 Financial statement showing receipts and expenditures

TABLE 1 (continued) — STATISTICS OF ACADEMIES
Buildings, property, library and teachers

COUNTIES	BUILDINGS			PROPERTY						LIBRARY		TEACHERS			Days in session		
	Frame	Brick	Stone	Total	Value of sites	Value of school buildings	Value of apparatus	Value of library	Value of all other property	Debts	Net property	Number of volumes in library	Number of volumes added during the year	Number of teachers		College graduates	Holding public school licenses
Clinton co.																	
Elementary	2	1		3	\$10 875	\$39 441	\$384	\$756	.....	.....	\$41 405	1 144	326	164	.....	4	193
Secondary	2	1		3	10 625	19 927	555	2 487	.....	.....	33 624	2 766	101	61	.....	5	193
Total	2	1		3	21 500	49 368	919	3 242	.....	.....	75 029	3 900	427	23	.....	9	193
Columbia co.																	
Elementary	.....	1	1	2	3 000	15 000	375	380	.....	\$5 000	13 755	630	175	64	.....	.....	192
Secondary	.....	1	1	2	2 000	10 000	425	685	.....	3 000	10 110	825	50	24	.....	.....	192
Total	.....	1	1	2	5 000	25 000	800	1 065	.....	8 000	23 865	1 455	225	8	.....	.....	192
Dutchess co.																	
Elementary	1	.....	.....	1	5 250	18 000	910	500	\$7 500	2 800	29 360	990	10	3	.....	.....	193
Secondary	.....	1	.....	1	16 750	71 500	390	2 500	10 750	10 750	96 060	3 160	46	12	.....	.....	193
Total	1	1	.....	2	22 000	89 500	1 300	3 000	23 700	13 550	125 420	4 150	56	15	.....	.....	193
Erse co.																	
Elementary	.....	8	1	9	145 642	342 964	1 859	4 906	98 575	100 321	468 645	4 621	170	67	.....	.....	188
Secondary	.....	10	1	11	448 048	551 646	12 007	20 522	46 232	114 542	963 915	18 472	654	19	.....	.....	188
Total	.....	10	1	11	593 690	894 610	13 866	25 428	139 807	214 863	1 452 560	23 042	824	139	.....	.....	188
Essex co.																	
Elementary	2	2	.....	4	2 800	25 646	575	1 486	13 120	.....	43 629	1 437	126	151	.....	.....	193
Secondary	2	2	.....	4	3 000	33 660	1 200	2 919	50 280	.....	91 155	3 412	154	71	.....	.....	194
Total	2	2	.....	4	5 800	59 314	1 895	4 405	63 400	.....	134 814	4 849	280	23	.....	.....	194
Franklin co.																	
Elementary	1	1	.....	2	4 550	18 042	106	320	3 000	8 250	17 770	352	62	111	.....	.....	203
Secondary	1	1	2 550	4 956	412	600	9 000	6 750	10 770	612	52	41	203
Total	1	1	2	7 100	23 000	520	920	12 000	15 000	28 540	964	114	164	203

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Genesee co.	Elementary	1	4 000	21 000	75	115			25 190	251	14	6	6 188
	Secondary	1	2 000	10 500	185	695			13 310	402	44	2	1 190
	Total	1	6 000	31 500	260	740			38 500	753	58	8	7 190
Greene co.	Elementary	1	2 500	18 000	250	300	50	3 500	15 600	200	10	41	185
	Secondary	1	1 000	8 000	400	800	160	1 500	8 750	580	2	2	185
	Total	1	3 500	24 000	650	1 100	100	5 000	24 350	780	10	71	1 185
Herkimer co.	Elementary	1	1 400	21 000	250	600		1 500	21 750	500	25	61	205
	Secondary	1	600	8 000	436	700		3 500	7 236	400	25	31	205
	Total	1	2 000	30 000	686	1 300		5 000	28 986	1 200	50	111	205
Jefferson co.	Elementary	2	10 000	24 700	660	511	22 850	4 700	63 841	1 250	207	71	6 195
	Secondary	2	12 000	61 435	1 968	2 968	23 550		101 638	3 296	250	84	1 195
	Total	2	22 000	86 135	2 628	3 479	45 900	4 700	165 779	4 546	457	15	2 195
Law's co.	Elementary	1	1 500	3 000		200			4 700	300	15	3	1 190
	Secondary	1	6 500	36 825	2 330	1 666	30 400	11 000	66 728	4 650	63	11	1 195
	Total	1	8 000	39 825	2 330	1 866	30 400	11 000	71 423	4 950	80	41	2 195
Livingston co.	Elementary	1	850	9 394	200	300	8 152	2 240	16 656	300		2	195
	Secondary	1	7 650	84 842	1 800	2 700	73 871	20 196	149 894	2 700		11	12 2 195
	Total	1	8 500	93 936	2 000	3 000	81 523	22 409	166 550	3 000		13	12 2 195
Madison co.	Elementary	2	19 800	144 800	9 845	7 584	106 314		288 343	6 300	65	16	3 186
	Secondary	2	19 800	144 800	9 845	7 584	106 314		288 343	6 300	63	17	3 186
	Total	2	39 600	289 600	19 690	15 168	212 628		576 686	12 600	128	33	6 372
Monroe co.	Elementary	3	77 100	230 962	20 304	3 401	323 979	25 000	630 746	3 331	81	181	1 187
	Secondary	3	67 400	120 290	12 227	7 594	93 706	5 000	301 217	5 855	109	331	6 187
	Total	3	144 500	351 252	32 531	10 995	422 685	30 000	931 963	9 119	190	52	7 187
Montgomery co.	Elementary	1	9 000	20 458	410	140	3 250		23 253	656		81	206
	Secondary	1	6 000	13 220	1 064	882	1 750		22 942	1 100	6	31	206
	Total	1	15 000	33 678	1 474	1 022	5 000		56 195	1 756	6	112	2 206

TABLE 1 (continued) — STATISTICS OF ACADEMIES
Buildings, property, library and teachers

COUNTIES	BUILDINGS			PROPERTY							LIBRARY			TEACHERS			Days in session
	Frame	Brick	Stone	Total	Value of sites	Value of school buildings	Value of apparatus	Value of library	Value of all other property	Debts	Net property	Number of volumes in library	Number of volumes added during the year	Number of teachers	College graduates	Holding public school licenses	
Nassau co.																	
Elementary	1			1	\$1 000	\$7 000	\$100	\$100	\$12 900		\$21 000	162	20	41	1	187	
Secondary					4 000	28 000	500	400	51 600		54 600	652	81	4	3	187	
Total	1			1	5 000	35 000	600	600	64 500		105 600	814	104	81	4	187	
N. Y. (Greater)																	
Elementary	2	33	7	42	1 651 940	1 962 085	42 281	39 220	1 157 366	\$632 102	4 220 793	33 250	1 772	3221	61	86	188
Secondary	2	23	5	40	2 073 142	2 566 520	89 125	91 952	1 336 111	424 512	5 271 411	79 891	4 436	4261	245	59	187
Total	4	56	12	72	3 724 082	4 528 605	131 476	131 172	2 493 477	1 056 614	9 492 201	113 144	6 270	749	306	136	188
Niagara co.																	
Elementary			1	1	27 500	50 578	375	710	114 410		193 573	1 000		21	1	187	
Secondary			3	3	67 600	290 977	13 075	13 110	119 411	91 000	253 573	8 289	598	101	6	187	
Total			3	3	125 000	251 155	14 360	13 820	233 821	91 000	647 146	9 389	598	211	10	187	
Outside co.																	
Elementary					23 109	74 055	1 657	1 120	830	15 667	84 104	4 834	133	191		5	200
Secondary					9 695	36 376	3 351	3 298	470	7 332	45 022	5 808	137	14		6	200
Total					31 805	110 431	4 808	4 388	1 300	23 000	129 626	10 640	270	331		13	200
Ontonaga co.																	
Elementary	1	7		8	46 724	198 083	2 312	8 534	10 004	29 506	221 141	3 166	912	411	3	8	189
Secondary	1	7		8	26 866	155 477	5 041	7 315	29 500	42 968	191 531	7 366	1 470	221	22	6	189
Total	1	7		8	83 700	353 560	7 353	11 049	39 504	82 474	412 672	10 562	2 382	732	25	14	189
Ontario co.																	
Elementary			1	1	800	2 000	25	30		1 000	1 855	50		11	1	170	
Secondary			1	1	7 200	13 000	500	800	500	9 000	13 000	673	10	21	1	170	
Total			1	1	8 000	15 000	525	830	500	10 000	14 855	923	10	41	1	170	

TABLE 1 (concluded)—STATISTICS OF ACADEMIES
Buildings, property, library and teachers

COUNTIES	BUILDINGS			PROPERTY							LIBRARY			TEACHERS			
	Frame	Brick	Stone	Total	Value of site	Value of school build-ings	Value of apparatus	Value of library	Value of all other prop-erty	Debts	Net property	Number of volumes in library	Number of volumes added during the year	Number of teachers	College graduates	Holding public school licenses	Days in session
Suffolk co.																	
Elementary	2			2	\$18 466	\$176 734	\$1 235	\$895		\$5 000	\$192 330	493	30	81			187
Secondary		2		2	16 934	113 470	3 527	10 767		3 000	141 698	4 288	209	61			187
Total	2	2		2	35 400	290 204	4 762	11 662		8 000	334 028	4 781	239	15			187
Tompkins co.																	
Elementary		1		1	4 000	18 000	1 975	1 000	\$128 516	104 094	47 367	659		94	6		169
Secondary		1		1	4 000	18 000	1 975	1 000	128 516	104 094	47 367	659		94	6		169
Total																	
Warren co.																	
Elementary		2		2	6 333	45 300	350	650		2 667	49 946	2 115		104			192
Secondary		2		2	4 667	36 200	5 515	3 600		1 333	48 549	7 166		3			192
Total		2		2	11 000	81 500	5 865	4 150		4 000	98 515	9 281		25			192
Washington co.																	
Elementary		1		1	15 000	60 000	5 200	1 550	16 150	27 000	71 000	1 360	60	9			180
Secondary		1		1	15 000	60 000	5 200	1 550	16 150	27 000	71 000	1 360	60	9			180
Total																	
Westchester co.																	
Elementary	1	1		2	39 654	97 124	1 140	2 540	69 870	73 158	137 122	6 696	62	184			9
Secondary	1	1		2	146 945	682 361	2 065	7 462	55 053	86 263	894 362	6 504	38	30			6
Total	1	1		2	186 659	779 485	3 225	7 462	124 893	159 451	941 473	10 200	98	204			15

OF ACADEMIES

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
261 242	270 084	531 326	.....	479	479	1 392	1 444	2 836	.....	2	2
32 091	74 889	106 980	3 997	18 359	22 356	173	401	574	22	94	116
293 333	344 973	638 306	3 997	18 838	22 835	1 665	1 845	3 410	22	96	118
1 647	3 455	5 102	3 436	1 211	4 647	9	18	27	18	6	24
2 297	2 141	4 438	5 167	3 765	8 932	12	11	23	27	20	47
3 944	5 596	9 540	8 603	4 976	13 579	21	29	50	45	28	71
18 557	18 733	37 290	.....	.....	.....	98	99	197	.....	.....	.....
1 284	3 447	4 831	.....	448	448	7	18	25	.....	2	2
19 941	22 180	42 121	.....	448	448	105	117	222	.....	2	2
32 528	30 709	63 237	700	.....	700	175	185	360	4	.....	4
7 713	8 834	16 547	7 738	3 258	10 996	36	46	82	35	17	52
40 241	39 543	79 784	8 438	3 258	11 696	211	231	442	39	17	56
2 063	1 787	3 850	172	.....	172	12	10	22	1	.....	1
3 889	4 096	7 985	1 288	865	2 133	21	23	44	7	5	12
5 652	5 883	11 535	1 440	865	2 305	33	33	66	8	5	13
33 319	30 057	63 376	.....	.....	.....	180	162	342	.....	.....	.....
3 858	5 029	8 887	.....	50	50	21	27	48	.....	.....	.....
37 177	35 086	72 263	.....	50	50	201	189	390	.....	.....	.....
27 777	41 976	69 753	.....	.....	.....	147	225	372	.....	.....	.....
765	8 717	9 482	.....	1 975	1 975	4	48	52	.....	10	10
26 542	50 693	79 235	.....	1 975	1 975	151	273	424	.....	10	10
29 361	26 863	56 224	.....	.....	.....	155	142	297	.....	.....	.....
3 439	4 394	7 833	.....	.....	.....	18	23	41	.....	.....	.....
32 800	31 247	64 047	.....	.....	.....	173	165	338	.....	.....	.....
.....	4 600	4 600	.....	97	97	.....	25	25	.....	1	1
13 440	1 380	14 820	2 688	480	3 148	70	8	78	14	3	17
13 440	5 980	19 420	2 688	557	3 245	70	33	103	14	4	18
144 538	162 790	307 328	.....	48	48	781	847	1 608	.....	.....	.....
66 616	54 499	123 115	2 648	7 666	10 314	385	298	683	15	42	57
213 154	217 289	430 443	2 648	7 714	10 362	1 146	1 145	2 291	15	42	57
36 148	40 470	76 618	583	276	859	194	216	410	3	1	4
2 880	8 447	11 327	1 186	1 777	2 963	15	44	59	6	9	15
39 028	48 917	87 945	1 769	2 053	3 822	209	260	469	9	10	19
38 404	47 219	85 623	.....	.....	.....	194	239	433	.....	.....	.....
1 566	4 541	6 107	.....	113	113	8	24	32	.....	1	1
30 970	51 760	91 730	.....	113	113	202	263	465	.....	1	1
20 814	23 390	44 204	.....	.....	.....	112	126	238	.....	.....	.....
3 453	4 352	7 805	.....	.....	.....	19	23	42	.....	.....	.....
24 267	27 742	52 009	.....	.....	.....	131	149	280	.....	.....	.....

TABLE 2 (continued) — STATIS-
Registration and

COUNTIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Greene co.												
Elementary	116	126	242									
Secondary	12	12	24									
Total	128	138	266									
Herkimer co.												
Elementary	264	308	572									
Secondary	16	42	58									
Total	280	350	630									
Jefferson co.												
Elementary	142	143	285				2	1	4			
Secondary	21	64	85				7	5	12			
Total	163	207	370				10	6	16			
Lewis co.												
Elementary	35	50	85									
Secondary	2	5	7									
Total	37	55	92									
Livingston co.												
Elementary	15	13	28				9	1	10			
Secondary	37	41	78				63	53	116			
Total	52	54	106				72	54	126			
Madison co.												
Elementary												
Secondary	50	10	60	1		1	93	4	97			
Total	50	10	60	1		1	93	4	97			
Monroe co.												
Elementary	81	181	262				53	13	66			
Secondary	82	209	291				85	27	112			
Total	163	390	553				138	40	178			
Montgomery co.												
Elementary	340	325	665									
Secondary	51	38	89				1		1			
Total	391	363	754				1		1			
Nassau co.												
Elementary	38	32	70				1		1			
Secondary	6	12	18				4	1	5			
Total	44	44	88				5	1	6			
N. Y. (Greater)												
Elementary	3 168	4 828	7 996	272	270	542	4	2	6	1		1
Secondary	5 253	1 834	7 087	183	9	192	592	336	928	9		9
Total	8 421	6 662	15 083	455	279	734	596	338	934	10		10
Niagara co.												
Elementary	10	5	15									
Secondary	47	41	88	15		15	89		89			
Total	57	46	103	15		15	89		89			
Oneida co.												
Elementary	406	552	958	3		3						
Secondary	78	146	224	1		1						
Total	484	698	1 182	4		4						
Onondaga co.												
Elementary	917	854	1 771	71	7	78	6	12	18			
Secondary	221	115	336	19	1	20	169	19	188	14		14
Total	1 138	969	2 107	90	8	98	175	31	206	14		14

TICS OF ACADEMIES

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
15 904	17 522	33 426				89	97	186			
1 755	1 752	3 507				10	10	20			
17 659	19 274	36 933				99	107	206			
50 347	58 705	109 052				253	295	548			
2 683	6 387	9 070				13	32	45			
53 030	65 092	118 122				266	327	593			
21 954	23 872	45 826	298	89	387	114	125	239	2		2
3 332	10 857	14 189	911	773	1 684	17	53	70	5	4	9
25 286	34 729	60 015	1 209	862	2 071	131	178	309	7	4	11
6 668	10 155	16 823				33	49	82			
377	802	1 179				2	5	7			
7 045	10 957	18 002				35	54	89			
1 739	1 755	3 494	1 385	185	1 570	9	9	18	7	1	8
5 705	6 940	12 645	9 146	7 857	17 003	30	37	67	48	41	89
7 444	8 895	16 139	10 531	8 042	18 573	39	46	85	55	42	97
7 650	1 208	8 858	15 271	599	15 870	43	6	49	86	3	89
7 650	1 208	8 858	15 271	599	15 870	43	6	49	86	3	89
12 868	30 194	43 062	5 629	936	6 565	70	162	232	31	5	36
13 007	34 612	47 619	13 251	4 944	18 195	72	185	257	73	26	99
25 875	64 806	90 681	18 880	5 880	24 760	142	347	489	104	31	135
65 073	61 690	126 763				327	310	637			
8 739	7 456	16 195	195		195	44	37	81	1		1
73 812	69 146	142 958	195		195	371	347	718	1		1
5 259	4 781	10 040	169		169	29	27	56	1		1
938	1 814	2 752	590	169	759	5	10	15	2	1	4
6 197	6 595	12 792	759	169	928	34	37	71	4	1	5
473 742	779 069	1 252 811	504	339	843	2 588	4 173	6 761	3	2	5
823 422	276 924	1 100 346	94 459	53 294	147 753	4 573	1 526	6 099	519	296	815
1 297 164	1 055 993	2 353 157	94 963	53 633	148 596	7 161	5 699	12 860	522	298	820
1 421	794	2 215				8	4	12			
7 499	7 476	14 975	16 051		16 051	41	40	81	88		88
8 920	8 270	17 190	16 051		16 051	49	44	93	88		88
66 226	91 085	157 311				347	474	821			
8 702	25 067	33 769				46	130	176			
74 928	116 152	191 080				393	604	997			
145 782	139 130	284 912	992	1 575	2 567	771	739	1 510	5	9	14
30 867	17 788	48 655	26 911	2 372	29 284	168	96	264	151	14	165
176 649	156 898	333 547	27 903	3 948	31 851	939	835	1 774	156	23	179

TABLE 2 (continued) — STATIS-
Registration and

COUNTIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THE STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Ontario co.												
Elementary.....	1	12	13									
Secondary.....		8	8									
Total.....	1	20	21									
Orange co.												
Elementary.....	131	195	326	1		1						
Secondary.....	101	84	185	2		2	19	7	26			
Total.....	232	279	511	3		3	19	7	26			
Otsego co.												
Elementary.....	15	6	21					1	1			
Secondary.....	14	14	28				6	4	10			
Total.....	29	20	49				6	5	11			
Putnam co.												
Elementary.....		30	30									
Secondary.....		42	42					8	8			
Total.....		72	72					8	8			
Rensselaer co.												
Elementary.....	1 963	1 876	3 839	6	1	7	1		1	1	1	1
Secondary.....	263	319	582				45	54	99	1		1
Total.....	2 226	2 195	4 421	6	1	7	46	54	100	2		2
Rockland co.												
Elementary.....	96	111	207									
Secondary.....	3	6	9									
Total.....	99	117	216									
St Lawrence co.												
Elementary.....	341	396	737	4	3	7	1		1			
Secondary.....	40	76	116				10	16	26			
Total.....	381	472	853	4	3	7	11	16	27			
Schenectady co.												
Elementary.....	224	221	445									
Secondary.....	9	7	16									
Total.....	233	228	461									
Schuyler co.												
Elementary.....	20	23	43				12	10	22			
Secondary.....	24	23	47				23	7	30			
Total.....	44	46	90				35	17	52			
Steuben co.												
Elementary.....	242	231	473									
Secondary.....	19	19	38									
Total.....	261	250	511									
Suffolk co.												
Elementary.....		184	184					32	32			
Secondary.....		38	38					32	32			
Total.....		222	222					64	64			
Tompkins co.												
Elementary.....												
Secondary.....	30		30				50		50			
Total.....	30		30				50		50			
Warren co.												
Elementary.....	464	533	997				6		6			
Secondary.....	65	88	153				11	9	20			
Total.....	529	621	1 150				17	9	26			

TICS OF ACADEMIES

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
60	1 896	1 956					11	11			
	1 221	1 221					7	7			
60	3 117	3 177					18	18			
20 356	28 424	48 780				112	155	267			
16 519	14 139	30 658	3 174	1 253	4 427	93	78	171	18	7	25
36 875	42 563	79 438	3 174	1 253	4 427	205	233	438	18	7	25
1 784	791	2 575		90	90	10	4	14		1	1
1 944	1 925	3 869	754	545	1 299	11	11	22	4	3	7
3 728	2 716	6 444	754	635	1 389	21	15	36	4	4	8
	4 375	4 375					25	25			
	6 650	6 650		1 225	1 225		38	38		7	7
	11 025	11 025		1 225	1 225		63	63		7	7
310 521	300 084	610 605	164		164	1 670	1 620	3 290	1		1
41 968	51 752	93 720	6 925	8 674	15 599	229	287	516	39	52	91
352 489	351 836	704 325	7 089	8 674	15 763	1 899	1 907	3 806	40	52	92
16 488	18 887	35 375				86	99	185			
17 062	19 736	36 798				3	7	10			
51 891	62 678	114 569	104		104	280	338	618	1		1
6 833	12 192	19 025	602	1 328	1 930	37	66	103	3	7	10
58 724	74 870	133 594	706	1 328	2 034	317	404	721	4	7	11
31 626	31 825	63 451				170	171	341			
980	726	1 686				6	4	10			
32 586	32 551	65 137				175	175	350			
2 109	2 164	4 273	871	320	1 191	11	12	23	5	2	7
3 279	3 675	6 954	2 991	908	3 799	18	20	38	16	4	20
5 388	5 839	11 227	3 862	1 128	4 990	29	32	61	21	6	27
83 081	78 988	162 069				228	220	448			
3 354	3 376	6 730				18	18	36			
86 435	82 364	168 799				246	238	484			
	23 684	23 684		4 648	4 648		133	133		25	25
	6 403	6 403		5 545	5 545		35	35		30	30
	30 087	30 087		10 193	10 193		168	168		55	55
3 818		3 818	6 640		6 640	23		23	40		40
3 818		3 818	6 640		6 640	23		23	40		40
65 262	75 452	140 714	603		603	341	402	743	3		3
9 967	13 881	23 838	1 598	1 103	2 701	53	75	128	9	6	15
75 219	89 333	164 552	2 201	1 103	3 304	394	477	871	12	6	18

TABLE 2 (concluded) — STATIS-
Registration and

COUNTIES	NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 5 AND UNDER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)			NO. OF PUPILS OVER 18 YEARS OF AGE WHO HAVE BEEN REGISTERED DURING THE YEAR			NO. OF PUPILS OVER 18 YEARS OF AGE PREVIOUSLY REGISTERED IN OTHER SCHOOLS OF THIS STATE THIS YEAR (DUPLICATES)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Washington co.												
Elementary.....												
Secondary.....		34	34					17	17			
Total.....		34	34					17	17			
Westchester co.												
Elementary.....	109	136	245		3	3						
Secondary.....	213	61	274				30		30			
Total.....	322	197	519		3	3	30		30			
Yates co.												
Elementary.....	19	16	35				7	4	11			
Secondary.....	23	15	38				43	33	76			
Total.....	42	31	73				50	37	87			
Total, elementary.....	13 224	15 838	29 062	384	342	726	138	92	230	2	3	5
Total, secondary.....	7 601	4 553	12 154	230	15	245	1 488	868	2 356	24		24
Total, academies....	20 825	20 391	41 216	614	357	971	1 626	960	2 586	26	3	29

TICS OF ACADEMIES

attendance of pupils

AGGREGATE NUMBER OF DAYS' ATTENDANCE OF ALL PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AGGREGATE DAYS' ATTENDANCE OF ALL PUPILS OVER 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS BETWEEN 5 AND 18 YEARS OF AGE			AVERAGE DAILY ATTENDANCE OF PUPILS OVER 18 YEARS OF AGE		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	4 200	4 200		2 500	2 500		24	24		14	14
	4 200	4 200		2 500	2 500		24	24		14	14
17 940	18 188	26 128				92	102	194			
35 524	8 872	44 396	5 110		5 110	182	50	232	25		25
53 464	27 060	80 524	5 110		5 110	274	152	426	25		25
3 115	2 267	5 282	1 793	906	2 699	16	12	28	9	5	14
2 723	2 197	4 920	5 305	3 122	8 427	15	12	27	29	16	45
5 835	4 464	10 302	7 098	4 028	11 126	31	24	55	38	21	59
2 117 614	2 570 588	4 688 202	17 403	11 199	28 602	11 033	13 506	24 539	94	60	154
1 187 210	715 877	1 908 067	234 576	134 848	369 424	6 540	3 890	10 430	1 283	734	2 017
3 304 824	3 286 465	6 591 289	251 979	146 047	398 026	17 623	17 396	35 019	1 377	794	2 171

TABLE 3 — STATISTICS OF ACADEMIES
Financial statement showing receipts and expenditures
RECEIPTS

COUNTIES	Balance on hand Aug. 1, 1908	State aid	Tuition fees	Room rent, board and other receipts from students	Gifts and bequests	Received from investments	All other sources	Total
Albany.....	\$1 256 85	\$1 212 26	\$60 320 53	\$40 630 25	\$26 563 59	\$6 226 38	\$111 709 63	\$247 919 49
Allegany.....	221 05	69 68	3 201 16	2 515 ..	2 287 61	7 013 05	277 14	13 584 89
Broome.....	141 29	114 45	900 ..	9 200 ..	1 100 ..	..	5 066 14	38 693 50
Cattaraugus.....	619 27	208 09	22 500 ..	9 200 ..	1 534 ..	6 880 ..	1 095 38	25 860 79
Cayuga.....	2 279 86	90 15	7 698 75	7 282 65	..	..	4 622 32	4 817 19
Chautauque.....	..	104 87	..	90 ..	..	..	1 133 02	11 318 07
Clinton.....	367 33	163 72	2 752 ..	6 912 ..	..	..	4 189 95	4 317 24
Columbia.....	20 ..	127 29	..	..	..	..	..	..
Dutchess.....	456 28	17 67	73 451 37	778 57	1 323 ..	..	757 12	76 784 01
Erie.....	39 933 93	851 69	29 910 89	29 910 89	21 651 98	2 416 17	60 767 50	233 101 44
Essex.....	571 78	396 53	77 569 28	6 565 21	21 100 ..	4 550 30	2 800 ..	15 283 82
Franklin.....	100 ..	59 13	1 900 ..	..	..	..	1 451 87	3 510 18
Genesee.....	42 85	111 33	..	..	..	..	2 018 ..	2 172 18
Greene.....	..	49 34	..	..	..	..	2 965 66	3 035 ..
Herkimer.....	130 65	115 59	..	..	..	..	6 209 41	6 325 ..
Lewis.....	424 65	351 92	1 157 72	5 952 40	1 083 21	2 638 33	6 107 23	12 421 46
Livingston.....	5 726 16	127 92	257 50	..	2 300 22	675 ..	1 465 50	3 122 65
Madison.....	5 247 74	99 47	8 160 33	23 049 55	2 287 52	16 021 61	1 536 49	56 909 58
Monroe.....	67 714 23	899 88	10 490 38	13 586 07	8 883 96	4 725 ..	1 863 21	44 895 83
Montgomery.....	..	226 59	51 329 45	20 300 48	35 677 18	19 064 34	22 861 10	217 846 66
Nassau.....	1 576 80	64 34	140 ..	190 ..	..	..	11 989 41	12 546 ..
New York (Greater)	395 766 40	2 004 23	5 429 70	10 859 40	..	5 006 94	170 635 15	22 937 18
Niagara.....	21 874 74	116 39	652 890 89	201 437 20	33 853 17	224 684 06	21 621 50	1 681 271 10
Oneida.....	21 622 89	525 04	13 934 ..	15 189 78	8 120 ..	23 270 43	22 138 49	42 570 42
Ontario.....	463 22	398 22	3 970 ..	15 194 ..	..	..	23 757 09	161 916 98
Oranget.....	..	398 22	64 059 82	73 237 63	..	..	1 200 ..	5 387 ..
Orange.....	813 71	142 94	1 350 ..	2 837 ..	3 784 ..	..	4 245 62	109 818 51
Oswego.....	..	66 49	22 488 26	78 343 98	..	4 469 73	3 675 ..	8 711 22
Putnam.....	..	10 886 ..	510 ..	10 000 ..	..	..	..	20 986 ..
Rensselaer.....	2 406 71	1 218 76	10 886 ..	..	..	..	28 292 41	296 836 97
Rockland.....	..	27 39	34 896 29	34 201 12	4 986 68	190 835 ..	14 755 46	14 783 85
St Lawrence.....	320 26	269 10	..	3 738 ..	3 654 61	..	17 130 ..	15 260 12

TABLE 3 (continued) — STATISTICS OF ACADEMIES
Financial statement showing receipts and expenditures

PAYMENTS

COUNTIES	Teachers' salaries	Libraries	Apparatus	School buildings, sites, repairs and furniture	Amount invested	INDEBTEDNESS PAID		All other expenses	Balance on hand	Total
						Principal	Interest			
Albany co. Elementary.....	\$26 145 66	\$359 75	\$383	\$25 118 98	\$21 100	\$500	\$200	\$17 634 51	\$15 771 94	\$107 903 84
Secondary.....	36 512 34	598 84	2 680 82	24 549 87	33 200	170	170	36 043 08	7 950 72	140 618 56
Total.....	62 658	958 59	2 963 82	49 628 85	53 300	500	400	53 697 57	23 732 66	247 019 49
Allegany co. Elementary.....	450	50	.....	127	591	140	45	641	228	2 272
Secondary.....	3 989 91	117 20	71 59	527 61	2 345 87	580 45	183 02	2 544 46	613 35	11 512 09
Total.....	4 449 91	167 20	71 59	654 61	2 856 87	709 45	228 02	3 205 66	1 141 35	13 654 06
Broome co. Elementary.....	1 331 25	14	.....	.....	.....	.....	.....	1 125	99 84	2 526 09
Secondary.....	786 75	14	.....	.....	.....	.....	.....	1 075	41 90	1 329 55
Total.....	2 130	28	.....	.....	.....	.....	.....	1 800	111 74	4 055 74
Cattaraugus co. Elementary.....	2 430	128	.....	3 986 08	.....	.....	.....	8 134 59	83 34	14 044 01
Secondary.....	8 200	294 41	315	2 143 07	.....	.....	.....	13 479 70	216 68	24 649 49
Total.....	10 630	422 41	315	5 411 75	.....	.....	.....	21 614 29	300 02	38 693 50
Cayuga co. Elementary.....	616 71	35 22	11 27	159	.....	.....	.....	1 291 13	.....	2 063 16
Secondary.....	5 351 91	70 70	11 27	1 153 62	.....	.....	.....	14 445	2 765 10	23 797 68
Total.....	5 968 65	106 02	11 27	1 303 62	.....	.....	.....	15 706 13	2 765 10	25 860 79
Chautauque co. Elementary.....	1 600	10	123	200	.....	.....	.....	1 000	.....	2 680
Secondary.....	800	160	123	356	.....	.....	.....	306 94	.....	1 867 19
Total.....	2 400	170	123	556	.....	.....	.....	1 306 94	.....	4 517 19
Clinton co. Elementary.....	375	149 14	.....	1 194	.....	350	380	2 465	394 78	5 207 87
Secondary.....	225	128 14	.....	1 365 55	.....	350	200	3 646 51	300	6 110 20
Total.....	600	272 28	.....	2 559 55	.....	700	530	6 031 51	694 78	11 318 07

TABLE 3 (continued) — STATISTICS OF ACADEMIES
Financial statement showing receipts and expenditures
PAYMENTS

COUNTIES	Teachers' salaries	Libraries	Apparatus	School buildings, sites, repairs and furniture	Amount invested	INTERESTS PAID		All other expenses	Balance on hand	Total
						Principal	Interest			
Livingston co. Elementary Secondary Total	\$1 171 08 10 530 75 11 710 83	..... ..... .....	\$30 79 277 08 307 87	\$216 76 2 850 82 3 167 58	\$872 50 7 852 50 8 725 ..	..... ..... .....	\$111 00 1 004 40 1 116 ..	\$2 355 23 21 197 06 23 552 29	\$633 7 497 01 8 330 01	\$5 660 96 61 218 62 56 909 88
Madison co. Elementary Secondary Total	20 613 .. 20 613 ..	\$165 75 165 75	248 36 248 36	1 243 74 1 243 74	..... .....	..... .....	..... .....	17 803 01 17 803 01	4 821 97 4 821 97	44 895 83 44 895 83
Monroe co. Elementary Secondary Total	31 303 77 23 177 86 54 481 63	206 98 127 .. 333 96	600 .. 2 630 03 3 340 03	6 089 72 2 732 75 8 822 47	60 .. 40 .. 100 ..	..... ..... .....	1 176 94 244 80 1 421 74	38 850 71 19 475 52 58 326 23	65 038 57 20 212 01 85 370 58	147 766 09 70 079 97 217 846 06
Montgomery co. Elementary Secondary Total	2 000 .. 1 000 .. 3 000 ..	..... ..... .....	..... ..... .....	5 000 .. 3 000 .. 8 000 ..	..... ..... .....	..... ..... .....	..... ..... .....	800 .. 656 .. 1 546 ..	..... ..... .....	7 800 .. 4 656 .. 12 546 ..
Nassau co. Elementary Secondary Total	1 700 .. 5 100 .. 6 800 ..	25 .. 150 .. 175 ..	15 30 75 25 90 55	150 25 680 25 830 50	..... ..... .....	..... ..... .....	..... ..... .....	3 343 84 10 046 58 13 390 42	411 42 1 234 29 1 645 71	5 660 81 17 266 37 22 927 18
N. Y. (Greater) Elementary Secondary Total	201 334 91 266 196 19 467 533 10	1 464 56 2 831 80 4 296 36	1 916 78 4 987 03 6 903 81	100 056 30 167 964 96 268 021 18	86 916 24 96 416 23 183 332 47	..... ..... .....	32 045 96 56 257 30 88 323 26	177 969 95 219 158 74 397 128 67	103 306 19 114 709 56 218 015 75	721 680 35 959 690 75 1 681 371 10
Niagara co. Elementary Secondary Total	1 549 60 2 669 60 4 219 20	..... 200 .. 200 ..	..... 850 .. 850 ..	1 105 05 43 505 06 44 610 11	2 322 01 2 322 02 4 644 03	..... ..... .....	100 40 2 500 .. 3 500 ..	..... ..... .....	2 837 62 27 097 63 29 935 25	13 498 40 90 508 44 104 006 84

Oxonia co.	Elementary	160	59	10 088 19	2 000	120	2 767 67	86 42	22 847 87
	Secondary	220	157	9 063 09	2 000	60	2 019 36	18 53	19 728 05
	Total	380	216	19 056 28	4 000	180	4 787 ..	178 25	42 570 42
Oxoungs co.	Elementary	136	116	2 215 23	1 116 67	1 696 12	5 464 18	492 60	20 315 92
	Secondary	186 81	213 95	8 989 36	783 33	2 411 13	93 144 55	1 149 10	141 601 16
	Total	322 81	329 95	11 104 61	1 900 ..	4 009 25	98 608 73	1 641 70	161 916 98
Ontario co.	Elementary	500	50	50	.....	75	2 227	.....	625 ..
	Secondary	1 860	165	165	.....	600	2 227	.....	4 762 ..
	Total	2 360	10	215	.....	675	.....	.....	6 867 ..
Orange co.	Elementary	7 766 66	29 66	8 131 47	1 000	515	17 689 78	1 046 43	38 789 02
	Secondary	23 548 40	437 48	8 994 05	1 500	790	37 238 55	1 653 15	73 029 49
	Total	30 315 06	447 48	16 725 52	2 500	1 305	64 928 33	3 299 58	109 818 51
Onsego co.	Elementary	400	20	152	3 200	.....	1 787 22	.....	400 ..
	Secondary	3 133	20	152	3 200	.....	1 787 22	.....	8 311 22
	Total	3 533	19	.....	.....	.....	.....	.....	8 711 22
Putnam co.	Elementary	950	80	80	.....	125	3 771 50	.....	4 896 50
	Secondary	4 250	160	160	.....	375	11 314 90	.....	16 089 50
	Total	5 200	200	200	.....	500	15 086 ..	.....	20 986 ..
Rensselaer co.	Elementary	21 608	34 75	90 257 03	1 400	1 329 50	6 762 95	873 86	126 173 24
	Secondary	23 076 93	442 34	105 109 63	1 000	421 50	38 712 82	590 14	170 663 73
	Total	43 684 93	477 09	195 366 66	2 400	1 751	45 465 77	1 454 ..	296 836 97
Rockland co.	Elementary	1 137 21	20	5 960	.....	.....	500	.....	7 317 21
	Secondary	1 137 21	21 15	5 968 26	.....	.....	500	.....	7 466 64
	Total	2 274 42	41 15	11 468 26	.....	.....	1 000	.....	14 783 85
St Lawrence co.	Elementary	2 400	17 25	6 125 64	.....	.....	2 414 02	296 10	11 253 01
	Secondary	1 240	35 54	1 140 24	.....	.....	1 529 88	55 25	4 007 11
	Total	3 640	23 45	7 265 88	.....	.....	3 943 90	351 35	15 260 12
Schoenectady co.	Elementary	1 400	30	10	.....	.....	600	.....	2 040 ..
	Secondary	200	50	10	.....	.....	200	.....	2 460 ..
	Total	1 600	80	20	.....	.....	800	.....	2 500 ..

TABLE 3 (concluded) — STATISTICS OF ACADEMIES
Financial statement showing receipts and expenditures
PAYMENTS

COUNTIES	Teachers' salaries	Libraries	Apparatus	School buildings, sites, repairs and furniture	Amount invested	INDEBTEDNESS PAID		All other expenses	Balance on hand	Total
						Principal	Interest			
Schuyler co.										
Elementary	\$600	\$16		\$110				\$400	\$184 85	\$1,800 85
Secondary	5,303 55	300 93	\$10	573 05				8,092 28	184 84	17,038 65
Total	5,903 55	316 93	10	683 05				8,592 28	269 69	18,399 50
Steuben co.										
Elementary	1,400	92		145 59				490		2,127 59
Secondary	400	20 10		177 98				490		1,068 08
Total	1,800	112 10		323 57				980		3,215 67
Suffolk co.										
Elementary	370	48		957 33				31,111 99	560 59	36,912 81
Secondary	1,227	235	7	1,102 67				11,593 33	531 20	16,721 20
Total	1,697	283	7	2,060				42,705 22	1,091 79	53,654 01
Tompkins co.										
Elementary	10,975			6,000				35,371 72		57,846 72
Secondary	10,975			6,000				35,371 72		57,846 72
Total										
Warren co.										
Elementary	3,770			436 67				1,242 43		5,582 43
Secondary	3,723 42		218	518 33				1,184 87		6,711 29
Total	7,493 42		218	955				2,427 30		11,293 72
Washington co.										
Elementary	7,100	75 70	50 30	550				10,824		20,700
Secondary	7,100	75 70	50 30	550				10,824		20,700
Total										
Westchester co.										
Elementary	2,875	120	25	13,043 79				23,103 84	3,632 07	48,382 20
Secondary	31,601	60	175 75	110,146 50				96,155 26	15,067 86	264,268 99
Total	34,476	180	200 75	123,190 29				119,319 10	18,700 05	297,571 19

Exhibit D

Comparative statistics in detail

SCHOOL DISTRICTS

The number of school districts in the towns of the State July 31, 1908, and July 31, 1909, was:

1909	10 592
1908	10 595
	3

SCHOOLHOUSES

The number of schoolhouses, with their classification according to the materials of which they are constructed, was as follows at the close of the years 1908 and 1909:

	1909	Log	Frame	Brick	Stone	Total
Cities .....	.....		212	982	9	1 203
Towns	10		9 555	1 010	391	10 866
			9 767	1 992	300	12 069
			9 767	1 992	300	12 069
	1908	Log	Frame	Brick	Stone	Total
Cities .....	.....		220	966	8	1 194
Towns	11		9 596	1 000	291	10 898
			9 816	1 966	299	12 092
			9 816	1 966	299	12 092

The following table shows a steady improvement in the character of school buildings in respect to the material with which they were constructed during the period from 1865 to 1909:

	Log	Frame	Brick	Stone	Total
1865.....	202	9 874	1 010	532	11 618
1875.....	90	10 004	1 255	439	11 788
1885.....	70	10 083	1 386	373	11 912
1895.....	33	10 072	1 575	305	11 985
1905.....	11	9 839	1 867	288	12 005
1906.....	11	9 787	1 961	287	12 046
1907.....	11	9 806	1 958	293	12 068
1908.....	11	9 816	1 966	299	12 092
1909.....	10	9 767	1 992	300	12 069
		9 767	1 992	300	12 069

The following table shows for each commissioner district and city of the State, the number of children of school age residing in district for each qualified teacher; the whole number of children attending school any portion of the year for each qualified teacher; the average daily attendance per teacher; the percentage of daily attendance based on total enrolment; cost per pupil based on average daily attendance:

COUNTIES	Commissioner districts	No. of children in district over 5 and under 18 years of age for each qualified teacher	Whole no. of children attending school any portion of the year for each qualified teacher	Average daily attendance per teacher	Percentage of daily attendance based on total enrolment	Cost per pupil based on average daily attendance
Albany	1	33	33	23	69.8	\$28 01
	2	13	18	12	65.2	34 58
	3	44	38	28	69.4	31 38
Allegany	1	18	20	14	68.3	39 51
	2	24	26	19	73.3	33 77
	3	21	22	15	67.4	33 66
Broome	1	22	24	17	70.8	33 64
	2	23	23	15	68.1	33 29
	3	26	25	19	76.5	32 71
Cattaraugus	1	23	24	17	72.8	32 72
	2	22	24	16	67.0	33 73
	3	23	24	17	69.7	33 32
Cayuga	1	17	21	15	69.0	40 19
	2	20	21	15	69.0	31 37
	3	31	29	21	74.0	30 68
Chautauqua	1	24	26	18	70.5	31 68
	2	21	23	16	68.2	34 85
	3	20	22	17	73.9	33 43
Chemung	1	17	19	13	68.1	39 99
	2	34	32	20	62.5	25 19
	3	32	35	19	55.6	20 29
Chenango	1	35	32	20	62.1	25 16
	2	28	28	19	68.2	33 69
	3	28	28	19	68.2	33 69
Clinton	1	23	27	18	67.1	30 10
	2	28	28	19	68.2	33 69
	3	19	20	14	67.9	30 68
Columbia	1	20	20	15	71.9	32 71
	2	19	20	14	67.9	30 68
	3	20	20	15	71.9	32 71
Cortland	1	19	24	15	62.6	36 74
	2	17	19	14	70.6	38 73
	3	33	31	21	69.3	33 78
Delaware	1	84	31	21	67.3	32 75
	2	43	32	22	69.5	33 44
	3	36	32	23	71.5	27 71
Dutchess	1	28	28	18	65.5	27 77
	2	24	25	17	66.7	36 79
	3	26	24	17	69.8	37 54
Essex	1	32	32	23	69.8	31 35
	2	32	31	22	69.9	23 ..
	3	25	24	16	64.7	30 36
Franklin	1	31	30	21	70.9	39 88
	2	30	28	19	68.3	37 41
	3	23	25	17	68.6	28 56
Genesee	1	19	19	13	67.6	53 42
	2	25	25	18	73.9	38 30
	3	24	27	21	75.6	32 46
Greene	1	19	21	14	66.6	33 10
	2	23	24	17	67.7	36 91
	3	22	24	17	71.7	30 25
Hamilton	1	18	19	12	64.5	34 02
	2	23	23	16	66.3	29 73
	3	30	28	20	70.8	33 92
Herkimer	1	30	28	20	70.8	33 92
	2	24	22	15	71.6	36 50
	3	24	22	15	71.6	36 50
Jefferson	1	19	21	14	66.6	33 10
	2	23	24	17	67.7	36 91
	3	22	24	17	71.7	30 25
Lewis	1	18	19	12	64.5	34 02
	2	23	23	16	66.3	29 73
	3	30	28	20	70.8	33 92
Livingston	1	30	28	20	70.8	33 92
	2	24	22	15	71.6	36 50
	3	24	22	15	71.6	36 50

COUNTIES	Commissioner districts	No. of children in district over 5 and under 18 years of age for each qualified teacher	Whole no. of children attending school any portion of the year for each qualified teacher	Average daily attendance per teacher	Percentage of daily attendances based on total enrollment	Cost per pupil based on average daily attendance
Madison.....	1	18	20	14	71.8	\$38.96
	2	22	24	17	72.1	31.49
Monroe.....	1	35	35	25	70.8	39.08
	2	37	31	21	69.8	32.10
Montgomery.....		26	27	19	75.3	34.15
Naasau.....		42	38	28	72.3	45.95
Niagara.....	1	33	28	18	66.8	27.75
	2	32	32	21	67.1	25.03
Oneida.....	1	31	29	21	73.2	31.88
	2	24	25	18	68.9	27.13
	3	22	23	16	71.8	35.23
	4	17	19	13	68.7	30.51
Onondaga.....	1	26	27	19	71.8	31.20
	2	29	27	20	73.6	34.76
	3	27	27	19	72.3	29.53
Ontario.....	1	28	28	20	70.0	42.24
	2	25	24	17	67.3	33.14
Orange.....	1	37	36	25	67.3	36.74
	2	33	32	22	65.8	32.33
Orleans.....		31	28	20	71.8	26.22
Oswego.....	1	28	29	19	66.7	26.18
	2	22	23	16	68.5	42.87
Otsego.....	1	19	21	15	69.1	39.68
	2	18	20	14	72.0	37.77
Putnam.....		27	28	19	68.9	35.86
Rensselaer.....	1	35	29	22	75.9	26.54
	2	28	28	19	73.9	35.34
Rockland.....		46	39	29	69.2	31.03
St Lawrence.....	1	22	24	17	69.0	30.42
	2	22	25	17	67.9	28.22
	3	26	26	18	71.6	31.73
Saratoga.....	1	30	30	21	73.2	34.29
	2	29	29	21	65.2	34.17
Schenectady.....		33	32	22	70.1	32.60
Schoharie.....	1	20	22	14	65.2	31.52
	2	21	24	17	72.9	36.40
Schuyler.....		21	22	15	68.4	28.87
Seneca.....		30	25	15	67.6	37.26
Steuben.....	1	23	23	16	73.4	26.56
	2	19	26	17	65.7	22.96
	3	20	21	14	72.9	36.98
Suffolk.....	1	34	35	26	65.4	29.57
	2	38	36	26	66.6	23.34
Sullivan.....	1	20	26	21	68.6	28.43
	2	20	34	22	65.7	36.66
Tioga.....		22	22	18	69.7	33.63
Tompkins.....	1	18	19	13	66.0	29.64
	2	19	20	14	62.0	23.43
Ulster.....	1	48	42	28	64.8	35.40
	2	39	38	23	66.7	28.43
	3	33	33	23	73.6	29.61
Warren.....	1	31	23	20	70.3	34.46
	2	24	24	16	67.2	30.62
Washington.....	1	23	26	17	74.5	67.04
	2	29	28	19	75.0	60.24
Wayne.....	1	24	24	18	72.0	37.28
	2	28	32	21	70.9	29.85
Westchester.....	1	42	37	27	66.1	33.62
	2	45	35	27	66.1	33.15
	3	38	27	17		
Wyoming.....	1	26	26	20		
	2	20	22	16		
Yates.....		23	25	17		

CITIES	No. of children in city over 5 and under 18 years of age for each qualified teacher	Whole no. of children attending school any portion of the year for each qualified teacher	Average daily attendance per teacher	Percentage of daily attendance based on total enrollment	Cost per pupil based on average daily attendance
Albany	49	35	28	80.4	\$37.89
Amsterdam	53	37	31	85.6	31.30
Auburn	42	27	22	84.3	44.22
Binghamton	38	35	28	82.7	27.04
Buffalo	65	43	31	71.4	40.88
Cohoes	78	25	26	74.1	33.62
Corning	62	37	29	80.5	37.65
Cortland	41	23	33	86.7	43.66
Dunkirk	52	30	25	83.3	52.35
Elmira	38	30	25	81.9	35.19
Fulton	38	39	33	82.6	23.66
Geneva	26	24	19	80.4	51.68
Glens Falls	40	36	28	77.4	47.70
Gloversville	37	37	30	79.6	42.67
Hornell	41	35	27	78.5	36.08
Hudson	41	37	30	80.7	29.40
Ithaca	36	36	29	81.7	45.74
Jamestown	42	40	32	81.9	35.76
Johnston	39	37	30	81.9	28.14
Kingston	54	38	29	77.9	36.50
Lockawanna	74	30	30	67.2	53.14
Little Falls	54	29	29	81.2	38.08
Lockport	39	35	27	81.9	32.25
Middletown	29	36	29	81.1	35.78
Mount Vernon	45	39	30	76.7	55.19
Newburgh	52	35	28	82.2	33.61
New Rochelle	43	36	28	76.5	47.77
New York	64	42	34	79.4	60.48
Niagara Falls	45	31	24	79.3	37.06
North Tonawanda	41	29	24	81.3	50.95
Ogdensburg	62	33	28	84.6	28.59
Olean	43	34	28	83.5	38.79
Oneida	46	41	32	85.7	31.26
Oneonta	38	37	26	69.4	44.77
Oswego	64	37	29	79.9	28.79
Plattsburg	56	38	29	77.3	37.45
Port Jervis	44	42	33	77.3	31.08
Poughkeepsie	59	38	30	78.0	36.38
Rensselaer	39	33	26	80.3	42.64
Rochester	50	35	28	81.1	28.56
Rome	46	37	31	83.6	33.98
Schenectady	40	34	29	82.1	35.01
Syracuse	57	41	31	76.1	36.40
Tonawanda	50	40	32	78.4	56.52
Troy	47	27	23	83.3	42.87
Utica	49	34	28	76.6	28.65
Watertown	35	34	28	81.1	33.02
Watervliet	54	31	26	84.4	49.13
Yonkers	45	37	31	82.6	
Average for cities	60	41	32	79.1	54.72
Average for towns	27	27	19	70.1	34.47
Average for State	47	35	27	76.2	48.81

REGISTRATION

The number of pupils registered in the several classes of schools, during the year was as follows:

Common schools.....	1 386 712
Academies	42 802
Normal schools.....	6 494
Training classes and schools.....	3 579
Indian schools.....	870
Private schools (estimated).....	225 000
Special schools.....	3 870
Evening schools.....	132 410
Total.....	1 801 737

TEACHERS LICENSES

The following statement shows by what authority the teachers employed in the schools were licensed:

1909	Normal school	State certificates	College graduate certificates	Train- ing class and train- ing school	Commis- sioners, or local authority	Other licenses	Total
Cities.....	4 514	2 422	1 787	6 293	9 996	186 25	198
Towns.....	4 092	338	1 070	5 991	5 883	700 18	074
Total....	8 606	2 760	2 857	12 284	15 879	886 43	272

1908	Normal school	State certificates	College graduate certificates	Train- ing class and train- ing school	Commis- sioners, or local authority	Other licenses	Total
Cities.....	4 381	2 677	2 247	5 456	9 739	162 24	662
Towns.....	4 046	293	916	5 881	5 864	926 17	926
Total....	8 427	2 970	3 163	11 337	15 603	1 088 42	588

The apportionment for the school year 1908-9 is as follows:

District and teachers quotas.....	\$4 601 479 69
Supervision in cities and villages.....	68 000 ..
Supplementary apportionment.....	13 061 45
Indian schools.....	5 250 ..
Library and apparatus.....	141 479 18

Academic attendance.....	\$204 616 21
Academic quota.....	64 700 ..
Nonresident tuition.....	165 566 78
Training schools and classes.....	113 402 ..
	<hr/>
Total.....	\$5 377 555 31
	<hr/> <hr/>

By deducting from the totals, under the head of payments, the sum remaining on hand July 31, 1908, it appears that the actual expense of maintaining the common schools during the year was as follows:

Cities	\$42 839 527 99
Towns.....	11 123 355 42
	<hr/>
Total.....	\$53 962 883 41
Corresponding total for 1908.....	55 252 349 25
	<hr/>
Decrease.....	\$1 289 465 84
	<hr/> <hr/>

Payments from all appropriations made to the Education Department for the fiscal year beginning October 1, 1908, and ending September 30, 1909:

Salaries	\$338 141 ..
Albany Normal College — new building.....	96 409 87
Care and cleaning.....	10 677 34
Educational Extension Division, traveling libraries.....	6 377 80
Indian schools — maintenance and betterments.....	19 537 06
Indian youth in normal schools.....	458 72
Office expenses.....	12 070 99
Postage and transportation.....	26 023 20
Printing	29 652 44
Professional examinations.....	41 266 57
Rent of malthouse.....	1 200 ..
School commissioners' salaries.....	112 872 20
Science Division expenses.....	7 439 14
State Library — books for blind.....	1 044 83
Law library.....	2 659 08
Medical library.....	2 158 27

State Library — purchase of books.....	\$20 097 23
State Library elevator — repairs.....	17 95
Teachers institutes, expenses.....	23 339 18
Temporary services.....	12 556 68
Training classes.....	113 402 ..
Traveling expenses.....	17 802 64
Visual Instruction — purchase of slides and nega- tives	9 563 34
Normal schools — maintenance and betterments	
Albany	62 485 44
Brockport	35 925 63
Buffalo	33 235 22
Cortland	48 941 45
Fredonia	41 681 25
Geneseo	50 598 95
New Paltz.....	43 011 84
Oneonta	46 655 81
Oswego	38 094 63
Plattsburg	34 967 ..
Potsdam	44 293 46
Apportionments and grants	
Cities, academies, academic departments and li- braries	576 362 17
Common schools.....	4 686 547 73
Grants to libraries.....	30 826 50
Iron ore deposits.....	470 01
Onondaga Indian reservation — new school- house	432 75
Onondaga Indian reservation — schoolhouse ap- paratus and supplies.....	1 000 ..
Trades schools — expenses.....	1 450 91
Indian deaf mutes.....	300 ..
New Paltz Normal School — equipment and grading	14 934 65
Albany Normal College — equipment.....	3 094 ..
 Total.....	 \$6 700 076 93

The total expenditures for the maintenance of our public schools in each of the years mentioned, from 1850 to the present time, is shown in the following table:

1850.....	\$1 607 684 85
1860.....	3 744 246 95
1870.....	9 905 514 22
1880.....	10 296 977 26
1890.....	17 392 471 61
1900.....	33 421 491 37
1901.....	36 395 269 52
1902.....	37 369 017 88
1903.....	41 418 095 85
1904.....	43 750 276 83
1905.....	47 803 672 33
1906.....	52 271 860 83
1907.....	53 928 675 86
1908.....	55 252 349 25
1909.....	53 962 883 41

The following table shows the number of volumes reported in the school libraries by 10 year periods and the amounts appropriated and expended for such libraries for each year given:

	No. of volumes	Appropriated	Expended
1853.....	1 604 210	\$55 000	\$49 499 39
1860.....	1 286 536	55 000	34 035 87
1870.....	986 697	55 000	30 651 82
1880.....	735 653	50 000	30 398 51
1890.....	787 972	50 000	49 890 05
1900.....	1 560 858	55 000	142 158 38
1901.....	1 665 826	55 000	140 883 78
1902.....	1 716 128	55 000	192 211 55
1903.....	1 717 951	55 000	158 295 08
1904.....	2 009 820	55 000	258 547 81
1905.....	2 138 959	100 000	226 937 91
1906.....	2 435 897	.....	251 936 10
1907.....	2 576 910	.....	218 729 94
1908.....	2 664 478	.....	213 021 48
1909.....	2 919 856	.....	285 156 61

Exhibit E

School Commissioners for the Term of Three Years Ending December
31, 1911

Revised to August 15, 1909

COUNTY	Com'r Dist.	NAME	POST OFFICE	EXPRESS OFFICE
Albany.....	1	Newton Sweet.....	Ravena.....	Ravena
	2	George F. White.....	Preston Hollow.....	Middleburg (Scho. Co.)
Allegany.....	b	William H. Woodward.....	Latham.....	Watervliet
	3	aJ. Servius Smith.....	Belfast.....	Belfast
Broome.....	1	aJohn D. Jones.....	Cuba.....	Cuba
	2	aJ. Edward Hurlburt.....	Windsor.....	Windsor
Cattaraugus...	1	aErwin B. Whitney.....	Chenango Forks.....	Chenango Forks
	2	aSquire C. Hayden.....	Franklinville.....	Franklinville
Cayuga.....	1	aEdward A. Stratton.....	Randolph.....	Randolph
	3	aGeorge E. Waller.....	Little Valley.....	Little Valley
Chautauqua...	1	Howard S. R. Murphy.....	Cato.....	Cato
	2	Anna M. Kent.....	Union Springs.....	Union Springs
Chemung.....	1	Charles W. Hurlburt.....	Watts Flats.....	Watts Flats
	2	aC. W. Whitney.....	Brocton.....	Brocton
Chenango.....	3	aJudson S. Wright.....	Falconer.....	Falconer
	1	aGould J. Little.....	Lowman, R. F. D. 2.....	Horseheads
Clinton.....	1	Herbert A. Webb.....	South Otselic.....	Norwich
	2	Harriet C. Jacobs.....	Oxford.....	Oxford
Columbia.....	1	aOliver A. Wolcott.....	Keeseville (Essex co.).....	Keeseville
	3	Herbert J. Short.....	Ellenburg.....	Ellenburg
Cortland.....	1	James H. O'Neil.....	Mooers Forks.....	Mooers Forks
	2	aRandall N. Saunders.....	Claverack.....	Claverack
Delaware.....	1	aWilliam P. Darrow.....	Chatham.....	Chatham
	2	Claude D. Carter.....	McGraw, R. F. D. 1.....	Marathon
Dutchess.....	1	Miss Kirby L. Bradford.....	Homer.....	Homer
	2	Clair L. Whitaker.....	Trout Creek.....	Maywood
Erie.....	1	J. Melville Hebbard.....	Davenport Center.....	Davenport Center
	2	aFrederick E. Benedict.....	LaGrangeville.....	LaGrangeville
Essex.....	1	aWilliam R. Tremper.....	Rhinebeck.....	Rhinebeck
	2	Henry A. Dann.....	Lancaster.....	Lancaster
Franklin.....	1	aWilliam E. Pierce.....	East Aurora.....	East Aurora
	2	aWilliam E. Bensley.....	Springville.....	Springville
Fulton.....	1	aSidney E. Maders.....	Keeseville.....	Keeseville
	2	aFreeman C. Pond.....	Crown Point.....	Crown Point
Genesee.....	1	aAddis K. Botstorf.....	Saranac Lake.....	Saranac Lake
	2	Fredus H. Wilcox.....	Reynoldston.....	Bangor
Greene.....	1	aClarence E. Van Buren.....	Broadalbin.....	Broadalbin
	2	aCharles W. Stickle.....	Batavia.....	Batavia
Hamilton.....	1	aWilliam N. Anderson.....	Purling.....	Catskill
	2	aLeslie A. Tompkins.....	Coxsackie.....	Coxsackie
Herkimer.....	1	aCharles B. Hanley.....	Wells.....	Northville
	2	C. Ray Harvey.....	Grant.....	Hinckley
Jefferson.....	1	aArthur J. Rose.....	West Winfield.....	West Winfield
	2	aCharles M. Pierce.....	Adams.....	Adams
Lewis.....	1	aD. T. Marshall.....	Redwood.....	Redwood
	3	aWilliam J. Linnell.....	Brownville.....	Brownville
Livingston...	1	aDaniel H. O'Brien.....	Constableville.....	Lyons Falls, stage to Constableville
	2	aHarry J. Henry.....	Copenhagen.....	Copenhagen
Madison.....	1	John P. Magee.....	Groveland Station.....	Groveland Station
	2	aRalph J. Cranmer.....	Conesus.....	Conesus
Monroe.....	1	aIrving S. Sears.....	DeRuyter.....	DeRuyter
	2	Frank A. Miller.....	Canastota, R. F. D. 4.....	Canastota
Montgomery..	1	aJames A. Harris.....	Penfield.....	Fairport
	2	aFred W. Hill.....	Spencerport.....	Adams Basin
Nassau.....	1	Charles H. Crandall.....	Fonda.....	Fonda
Niagara.....	1	aJames S. Cooley.....	Glen Cove.....	Glen Cove
	2	aCharles Parker.....	Lockport, R. F. D. 1.....	Lockport
Oneida.....	1	aWilliam D. Wisner.....	Ransomville.....	Ransomville
	2	aRay P. Snyder.....	New York Mills.....	New York Mills
Verona.....	1	Harry C. Buck.....	Clayville.....	Clayville
	3	John O. Evans.....	Verona.....	Verona
Remsen.....	4	Benjamin F. Hughes.....	Remsen, R. F. D.....	Remsen

aReelected.

bPrevious experience.

School commissioners (concluded)

COUNTY	Com'r Dist.	NAME	POST OFFICE	EXPRESS OFFICE
Onondaga	1	aManford D. Green	Liverpool	Liverpool
	2	aCharles W. Lanning	Otisco	Tully
	3	aJacob L. Wright	Brewerton	Brewerton
Ontario	1	aWillis A. Ingalls	Phelps	Phelps
	2	aJesse A. Wheeler	Holcomb	Holcomb
Orange	1	aGeorge W. Flood	Highland Falls	Highland Falls
	2	aWilliam P. Kaufmann	Port Jervis	Port Jervis
Orleans	1	aJohn M. Brown	Holley	Holley
Oswego	1	aWarren S. Gardner	Minetto	Minetto
	2	aWillard C. Richards	Parish	Parish
	3	aHerman W. Kandt	Altmar	Altmar
Otsego	1	aJohn B. McManus	Cooperstown	Cooperstown
	2	aMay Firman	Oneonta	Oneonta
Putnam	1	aJames H. Brooks	Garrison	Garrison
Rensselaer	1	aClinton W. Scriven	Grafton	Grafton (via Troy)
	2	aEdwin S. Comstock	Nassau	Nassau
Rockland	1	aHerman T. Hopper	Monsey	Monsey
St Lawrence	1	aWilliam T. Clark	Halesborough	Gouverneur
	2	aForrest J. Gibbons	Russell	Hermont
	3	aAlbert J. Fields	Winthrop	Winthrop
Saratoga	1	aEdward S. Coons	Ballston Spa	Ballston Spa
	2	aTheodore Elixman	Corinth	Corinth
Schenectady	1	aJames Wingate	Princetown	South Schenectady
Schoharie	1	aBurr Mann	Middleburg	Middleburg
	2	aFrank M. Hix	Carlisle	Central Bridge
Schuyler	1	aJane Mae Haring	Watkins	Watkins
Seneca	1	aWilmer S. Wilson	Ovid	Ovid
Steuben	1	aRobert J. McGill	Bath	Bath
	2	aGeorge M. Raffle	Lindley	Lindley
	3	aLeslie A. Baker	Canisteo	Canisteo
Suffolk	1	aCharles H. Howell	Riverhead	Riverhead
	2	aEdwin S. Moore	Bay Shore	Bay Shore
	3	aJames Hall	Narrowsburg	Narrowsburg
Sullivan	1	aVoleny R. Voorhies	Livingston Manor	Livingston Manor
Tioga	1	aArthur E. Belden	Owego	Owego
Tompkins	1	aFred A. Beardaley	Trumansburg, R. F. D. 33	Taughanock Falls
	2	aHattie K. Buck	North Lansing	North Lansing
	3	aEdmund M. Wilber	Saugerties	Saugerties
Ulster	1	aEmily S. Burnett	Port Ewen	Port Ewen
	2	aThomas C. Perry	Kerhonkson	Kerhonkson
	3	aFranklin F. Gunn	Glens Falls	Glens Falls
Warren	1	aErwin L. Stafford	Chestertown	Chestertown
Washington	1	aGrant J. Tefft	Greenwich	Greenwich
	2	aMyra L. Ingalsbe	Hartford	Hartford (via Smith's Basin)
Wayne	1	aIda E. Cosad	Walcott	Walcott
Westchester	1	aAlbert H. McMurray	Walworth	Walworth
	2	aJohn C. Rockwell	Port Chester	Port Chester
	3	aCharles H. Cheney	White Plains	White Plains
Wyoming	1	aGeorge H. Covey	Katonah	Katonah
	2	aErnest D. Jones	Wyoming	Wyoming
Yates	1	aGeorge H. Stratton	Castile	Castile
	2	aWilliam H. Savage	Rushville	Rushville

aReelected.

bPrevious experience.

Superintendents of schools in the cities of the State

Revised to August 15, 1909

CITY	SUPERINTENDENT	CITY	SUPERINTENDENT
Albany.....	Charles W. Cole	Newburgh.....	James M. Crane
Amsterdam.....	Harrison T. Morrow.....	New Rochelle.....	Albert Leonard
Auburn.....	Alfred C. Thompson.....	New York.....	William H. Maxwell
Binghamton.....	J. Edward Banta.....	Niagara Falls.....	R. A. Taylor
Buffalo.....	Henry P. Emerson.....	N. Tonawanda.....	R. A. Searing
Cohoes.....	Edward Hayward.....	Ogdensburg.....	M. H. Southwick
Corning.....	Hannibal H. Chapman.....	Olean.....	Samuel J. Slawson
Cortland.....	F. E. Smith.....	Oneida.....	George R. Staley
Dunkirk.....	Delmer E. Batcheller.....	Oneonta.....	H. W. Rockwell
Elmira.....	William J. Deans.....	Oswego.....	George E. Bullis
Fulton.....	James R. Fairgrieve.....	Plattsburg.....	Frank K. Watson
Geneva.....	William H. Truesdale.....	Port Jervis.....	John M. Dolph
Glens Falls.....	E. W. Griffith.....	Poughkeepsie.....	William A. Smith
Gloversville.....	James A. Estee.....	Renaselaer.....	Austin R. Coulson
Hornell.....	James S. Redman.....	Rochester.....	C. F. Carroll
Hudson.....	Charles S. Williams.....	Rome.....	Daniel J. Kelley
Ithaca.....	F. D. Boynton.....	Schenectady.....	A. R. Brubacher
Jamestown.....	Rovillus R. Rogers.....	Syracuse.....	A. B. Blodgett
Johnstown.....	Frank W. Jennings.....	Tonawanda.....	Frank K. Sutley
Kingston.....	Sylvester R. Shear.....	Troy.....	Edward Edwards jr
Little Falls.....	Eugene B. Callahan.....	Utica.....	Wilbur B. Sprague
Lockport.....	Emmet Belknap.....	Watertown.....	Frank S. Tisdale
Middletown.....	James F. Tutbill.....	Watervliet.....	Hugh H. Lansing
Mount Vernon.....	E. C. Broome	Yonkers.....	C. E. Gorton

Superintendents of schools in villages having a population of more than 5000

Revised to August 15, 1909

VILLAGE	SUPERINTENDENT	VILLAGE	SUPERINTENDENT
Albion.....	W. G. Carmer.....	Nyack.....	Edward J. Bonner
Batavia.....	John Kennedy.....	Ossining.....	W. H. Ryan
Canandaigua.....	Luther N. Steele.....	Owego.....	Isaac S. Carroll
Catakill.....	J. T. P. Calkins.....	Patchogue.....	W. E. Gordon
Fredonia.....	William D. Blaisdell.....	Peekskill, dist. 7.....	W. J. Miller
Glen Cove.....	Sidney G. Firman.....	Peekskill, dist. 8.....	A. D. Dunbar
Haverstraw.....	L. O. Markham.....	Penn Yan.....	N. Winton Palmer
Hempstead.....	A. H. Courtenay.....	Port Chester.....	E. G. Lantman
Herkimer.....	C. L. Mosher.....	Salamanca.....	Thomas Stone Bell
Hosick Falls.....	Clyde L. Harvey.....	Sandy Hill.....	Frances A. Tefft
Huntington.....	Robert K. Toas.....	Saratoga Springs.....	Thomas R. Kneil
Ilion.....	Frank D. Warren.....	Seneca Falls.....	Frederick J. Medden
Lansingburg.....	George F. Sawyer.....	Solvay.....	C. O. Richards
Lawrence.....	Fred DeL. King.....	Watertford.....	George H. Harten
Malone.....	Lamont F. Hodge.....	Waverly.....	E. B. Robbins
Mamaroneck.....	George J. McAndrew.....	West Seneca.....	A. E. Cook
Mechanicville.....	L. B. Blakeman.....	Whitehall.....	George S. Ellis
Medina.....	J. C. VanEtten.....	White Plains.....	Charles C. Ramsay
Norwich.....	Stanford J. Gibson.....		

aCity school system not organized.

Exhibit F
Examination statistics

TABLE I

Uniform teachers certificates issued by school commissioners

COUNTIES	Commissioner district	First grade	Training class	Elementary	Academic	Special	Temporary licenses
Albany	1	4		5			11
	2	2		15			19
	3	2		9	2		3
Allegheny	1		23	11	2		
	2	4	16	6		8	5
Broome	1	4		19	2	1	15
	2	8	16	3	1	1	4
Cattaraugus	1	5	23	9	12	1	11
	2	8	1	11	2	1	16
	3	2	14	5	1	1	7
Cayuga	1			11	1		3
	2	9	12	7	3		3
Chautauqua	1	7	9	12	6		10
	2	4	21	2		3	
	3	3	2	10	3		19
Chemung		9		16	4		2
Chenango	1	4	15	9			6
	2	1	12	3	2	1	9
Clinton	1	7		11	2		17
	2	6	11	10	2		21
	3	3		1			7
Columbia	1	4		6	1		11
	2	2		8	6		26
Cortland	1	7		15			8
	2	1		8			11
Delaware	1	8	17	12	2		19
	2	2	16	15	1		13
Dutchess	1	4		19			16
	2	2	7	9			18
Erie	1	2	12	15	2		7
	2	5	6	3	4	4	2
	3	4	9	1		1	5
Essex	1	5		7			8
	2	4	10	10	1	1	6
Franklin	1	8	25	2	1		12
	2	1	15	6	1	1	6
Fulton		2	12	5			1
Genesee		1		16	8	1	3
Greene	1	6	14	7	1		17
	2	4		9	1		7
Hamilton		2			1		5
Herkimer	1	4	10	11	1		19
	2	1		12	1		13
Jefferson	1	3	21	7	2		6
	2	6	16	13	2	1	9
	3	3	11	3	6	1	5
Lewis	1	17		5	1		7
	2	5	16	6	3	2	6
Livingston	1			7			7
	2		12	5		1	5
Madison	1	4	8	3	3		13
	2	3		12		3	6
Monroe	1	3	13	4	1	1	1
	2	17		12		2	11
Montgomery		2		13	2	1	11
Nassau		38		4		2	18
Niagara	1	4	13	14			3
Oneida	2	2	8	6	1		3
	1	1		6			4
	2	23	9	18			15
	3	3		10	4		13
	4	5	12	11	2		19

TABLE I (continued)

COUNTIES	Commissioner district	First grade	Training class	Elementary	Academic	Special	Temporary licenses
Onondaga.....	1	8	19	2	.....	.....	8
	2	2	20	4	.....	3	2
	3	3	.....	7	2	.....	6
Ontario.....	1	2	.....	8	1	1	6
	2	4	15	3	1	.....	12
Orange.....	1	7	.....	7	1	.....	21
	2	5	9	7	.....	.....	20
Orleans.....	.....	7	12	9	3	.....	1
Oswego.....	1	.....	7	3	2	1	3
	2	6	.....	15	2	.....	13
	3	.....	18	6	1	.....	6
Otsego.....	1	3	8	12	1	3	12
	2	4	19	4	1	.....	5
Putnam.....	.....	.....	.....	11	.....	.....	13
Rensselaer.....	1	10	.....	10	.....	.....	12
	2	9	.....	21	2	.....	26
Rockland.....	.....	1	.....	4	.....	1	5
St Lawrence.....	1	12	13	26	2	.....	9
	2	3	16	22	4	.....	10
	3	3	.....	7	2	.....	1
Saratoga.....	1	3	6	9	.....	1	15
	2	4	14	8	1	1	18
Schenectady.....	.....	3	.....	16	.....	.....	10
Schoharie.....	1	4	15	8	1	2	19
	2	6	.....	13	1	.....	18
Schuyler.....	.....	6	.....	9	1	.....	3
Seneca.....	.....	.....	13	7	3	.....	3
Steuben.....	1	2	23	8	1	1	5
	2	4	10	19	2	.....	15
	3	3	18	9	.....	.....	8
Suffolk.....	1	1	.....	.....	.....	.....	5
	2	3	.....	10	.....	1	15
Sullivan.....	1	1	6	10	.....	.....	10
	2	7	.....	14	.....	.....	26
Tioga.....	.....	8	21	12	2	1	2
Tompkins.....	1	3	16	6	4	1	.....
	2	3	.....	10	.....	.....	9
Ulster.....	1	4	.....	11	.....	.....	18
	2	5	.....	14	.....	.....	14
	3	5	11	6	.....	.....	24
Warren.....	1	3	6	3	1	2	1
	2	3	.....	5	3	.....	4
Washington.....	1	5	1	15	2	.....	10
Wayne.....	2	10	10	23	.....	.....	13
	1	2	19	6	1	2	1
Westchester.....	2	4	11	6	2	.....	9
	1	1	.....	.....	.....	1	6
Wyoming.....	2	1	.....	1	.....	.....	5
	3	11	.....	10	.....	3	17
	1	2	14	2	2	1	2
Yates.....	1	4	11	4	.....	.....	1
	2	6	20	5	.....	.....	8
Total.....	.....	528	878	1 013	156	65	1 088

TABLE 2
Uniform teachers certificates issued by city superintendents

CITIES	First grade	Training school	Special	Temporary licenses
Amsterdam.....				1
Albany.....		22		
Auburn.....	1	8	1	1
Buffalo.....		24	2	
Cohoes.....		8		
Dunkirk.....			2	1
Elmira.....		7	1	
Geneva.....			1	
Hornell.....			1	3
Hudson.....				1
Jamestown.....		3		
Johnstown.....			2	
Little Falls.....			1	
Lockport.....			2	
Mt Vernon.....			4	
New Rochelle.....				2
New York.....		693		
Niagara Falls.....			4	2
North Tonawanda.....			1	
Ogdensburg.....	2			
Oneida.....	1			
Oneonta.....				1
Plattsburg.....			1	
Poughkeepsie.....			1	1
Rochester.....		24	6	4
Rome.....			1	
Schenectady.....	3	2	6	6
Syracuse.....		5	2	2
Troy.....	6	11		2
Utica.....			2	4
Watertown.....		8	1	1
Yonkers.....			4	1

TABLE 3
Teachers certificates issued by the Commissioner of Education
August 1, 1908 – July 31, 1909

Temporary licenses.....	1125
Temporary normal.....	85
State life.....	54
College graduate life.....	122
College graduate limited.....	183
College professional life.....	60
College professional provisional.....	856

Teachers certificates issued by school commissioners and city superintendents

First grade.....	541
Elementary.....	1013
Academic.....	156
Special.....	111
Training class.....	878
Training school.....	815

Teachers certificates issued by normal schools

Normal diplomas.....	881
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TABLE 4
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Albany county—first district</i>			
6428	Engel, Barbara A.	Port Washington	August 1, 1908
4740	Monahan, Agnes B.	Albany	August 1, 1908
8612	Hallenbeck, Albert H.	Slingerlands	August 1, 1908
6730	Pangburn, Charlotte	Rensselaer	January 1, 1909
<i>Albany county—second district</i>			
6218	Dyer, Adelaide	Berne	August 1, 1908
6291	Snyder, Eunice Hess	Preston Hollow	August 1, 1908
<i>Albany county—third district</i>			
6270	Foster, Florence B.	Albany	August 1, 1908
6429	Maxwell, Kate Louise	Menands	August 1, 1908
<i>Allegany county—second district</i>			
6371	McGinnis, Mary A.	Wellsville	August 1, 1908
6309	Robinson, George S.	Andover	August 1, 1908
6720	Allen, Grace M.	Ellicottville	January 1, 1909
6723	Voorhies, Jenny Ruth	Nile	January 1, 1909
<i>Broome county—first district</i>			
6570	Georgia O. Judd	Great Bend, Pa.	August 1, 1908
6369	Knapp, Sophia Banta, Mrs.	Conklin Station	August 1, 1908
6339	Larrabee, Leva Mary	Great Bend, Pa.	August 1, 1908
6571	Windsor, Harriet Bell	Windsor	August 1, 1908
<i>Broome county—second district</i>			
6290	Baker, Katie I.	Endicott	August 1, 1908
6260	Beeman, Charles R.	Union	August 1, 1908
6410	Decker, Myra E. Mottet	Hunt Corners	August 1, 1908
6422	Hogg, Aimee Elizabeth	W. Chenango	August 1, 1908
6372	Rogers, Daisy M., Mrs.	Union Center	August 1, 1908
6568	Snapp, Jennie F.	Union	August 1, 1908
6430	Sweet, Alice Maude	Lestershire	August 1, 1908
6645	Landers, Sara E.	Whitney's Point	August 1, 1908
<i>Cattaraugus county—first district</i>			
6528	Hogue, Helen E.	Hinsdale	August 1, 1908
6257	Kearns, Teresa Ellnor	Machias	August 1, 1908
6258	Murray, Ellen L.	Allegany	August 1, 1908
6240	Wheeler, Susie E.	Franklinville	August 1, 1908
6629	Newton, Irma E.	Delevan	August 1, 1908
<i>Cattaraugus county—second district</i>			
6286	Champlin, Sarah I.	West Salamanca	August 1, 1908
6285	Larson, Edith	Limestone	August 1, 1908
6323	Swartz, Nina S.	Salamanca	August 1, 1908
6349	Taylor, Lucy	Great Valley	August 1, 1908
6347	Van Winkle, Kittle	West Salamanca	August 1, 1908
6276	Williams, Blanche	Ellicottville	August 1, 1908
6640	Hefer, Kathryn	Steamburg	August 1, 1908
6722	Adams, Minerva A.	E. Aurora	January 1, 1909
<i>Cattaraugus county—third district</i>			
6363	Fancher, La Vay	Cattaraugus	August 1, 1908
6373	Ford, Chloe Gertrude	Otto	August 1, 1908
<i>Cayuga county—second district</i>			
6267	Buckland, Avis G.	Auburn	August 1, 1908
6468	Greenfield, Charles	Niles	August 1, 1908
6225	Hamilton, Ada Belle	Cayuga	August 1, 1908
6514	Kenyon, Mildred	Owasco	August 1, 1908
6572	Karn, Emmet L.	Moravia	August 1, 1908
6310	Peckham, Florence E.	Aurora	August 1, 1908
6573	Richter, Bertha E.	Cayuga	August 1, 1908
6591	Southworth, Leona B.	Aurora	August 1, 1908
6690	Bruton, Elizabeth C.	Genoa	January 1, 1909

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Chautauqua county—first district</i>			
6311	Barmore, Eeler P.	Findley Lake	August 1, 1908
6295	Carver, Florence N.	Panama	August 1, 1908
6223	Smith, Arthur Walter	North Clymer	August 1, 1908
6662	Seekins, Mabelle	Ashville	January 1, 1909
6701	Lindberg, E. Theresa	Ashville	January 1, 1909
6707	Ross, George Artemas	Clymer	January 1, 1909
6759	Ploss, Bertha	Sherman	January 1, 1909
<i>Chautauqua county—second district</i>			
6431	Derby, I. May	Cassadaga	August 1, 1908
6515	Driscoll, Anna E.	Buffalo	August 1, 1908
6623	Harrington, LeRoy H.	Irving	August 1, 1908
6714	Markham, Katie	S. Dayton	January 1, 1909
<i>Chautauqua county—third district</i>			
6264	Fisk, Lynn B.	Kennedy	August 1, 1908
6308	McKee, Walter E.	Ellington	August 1, 1908
6708	Freeman, George Wellington	Sinclairville	January 1, 1909
<i>Chemung county—sole district</i>			
6432	Briggs, Eva Gertrude	Southport	August 1, 1908
4750	Drake, Myrtle H.	Hicks	August 1, 1908
6313	Gibbs, Kathryn G.	Wellburg	August 1, 1908
6312	Green, May	Chemung	August 1, 1908
6374	Griffiths, Kate L.	Pine Valley	August 1, 1908
6245	Personous, Fra.	Horseheads	August 1, 1908
6293	Rumsey, Myrtle	Van Etten	August 1, 1908
6483	Shergur, Ralph O.	Ithaca	August 1, 1908
6728	Breeze, Flossie Edith	Horseheads	January 1, 1909
<i>Chenango county—first district</i>			
6375	Neal, Winifred Slocum	N. Pitcher	August 1, 1908
6376	Newman, Mary T.	Sherburne	August 1, 1908
6613	Beardsley, Ruby	Harpersville	August 1, 1908
6705	Lamb, Earle W.	Lisle	January 1, 1909
<i>Chenango county—second district</i>			
6314	Alcott, M. Gertrude	Sidney	August 1, 1908
<i>Clinton county—first district</i>			
6280	Bryan, Mary I.	Rouse Point	August 1, 1908
6269	Moore, Dora A.	Redford	August 1, 1908
6377	O'Connell, Helen B.	Plattsburg	August 1, 1908
6284	Ryan, Thomas Q.	Harkness	August 1, 1908
6663	Downs, Ellen M.	Peru	January 1, 1909
6664	Lavigne, C. Ross	Plattsburg	January 1, 1909
6699	Kennedy, Jessie	Redford	January 1, 1909
<i>Clinton county—second district</i>			
6434	Barnett, Fannie E. I.	Union Falls	August 1, 1908
6378	Barnett, Mamie M.	Moers	August 1, 1908
6360	Bruss, Cora E.	W. Chazy	August 1, 1908
6294	Legnard, Sarah Alice	Rouse Point	August 1, 1908
6359	Trepazier, Hortense Aashline	Champlain	August 1, 1908
6435	Walsh, Edith Ann	W. Chazy	August 1, 1908
<i>Clinton county—third district</i>			
6691	Gadway, Laura M.	Moers Forks	January 1, 1909
6721	Colton, Carrie E.	Moers Forks	January 1, 1909
6765	Colton, Cora E.	Moers	January 1, 1909
<i>Columbia county—first district</i>			
6484	McDonald, Lelah Simpson	Anram	August 1, 1908
6379	Magley, Kathryn	Copake	August 1, 1908
6254	Strever, Ray W.	Craryville	August 1, 1908
6726	Green, Bessie E.	Pine Plains	January 1, 1909
<i>Columbia county—second district</i>			
6361	Hernance, Margaret A.	Nassau	August 1, 1908
6436	Murphy, Katherine T.	Chatham Center	August 1, 1908

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Cortland county—first district</i>			
6586	Carroll, Anna A.	Pompey	August 1, 1908
6433	Harrington, Lena S.	McDonough	August 1, 1908
6348	Hough, Harriett M.	Ithaca	August 1, 1908
6437	Perkins, Nellie	Harford Mills	August 1, 1908
6380	Reynolds, Bessie M.	Blodgett Mills	August 1, 1908
6381	Stillman, L. Maere	Cortland	August 1, 1908
6684	Raplee, Jay W.	Watkins	January 1, 1909
<i>Cortland county—second district</i>			
6598	Willcox, Harry J.	Forest Home	August 1, 1908
<i>Delaware county—first district</i>			
6552	Boyd, Edna Finch	Granton	August 1, 1908
6544	Bramley, Mary	Shavertown	August 1, 1908
6232	Forester, Grace M.	Hancock	August 1, 1908
6268	Kelsey, Warren E.	Kelsey	August 1, 1908
6424	Smith, Maude A.	Downsville	August 1, 1908
6233	Wannemacher, Jessie L.	De Lancey	August 1, 1908
6738	Saiton, Elizabeth A.	De Lancey	January 1, 1909
6768	Wheat, Wealtha L.	Sidney Center	January 1, 1909
<i>Delaware county—second district</i>			
6665	Peck, Raymond G.	Stamford	January 1, 1909
6693	Taylor, Martha M.	Hobart	January 1, 1909
<i>Dutchess county—first district</i>			
6362	Berney, Agnes E.	Matteawan	August 1, 1908
6315	Deveson, Addie E.	Fishkill-on-Hudson	August 1, 1908
6522	Frost, Anna Elizabeth	Matteawan	August 1, 1908
6631	McGinn, Nellie I.	Glenham	August 1, 1908
<i>Dutchess county—second district</i>			
6438	Estelle, Helen G. H.	Hopewell Junction	August 1, 1908
6203	Tremper, Clara Louise	Rhinebeck	August 1, 1908
<i>Erie county—first district</i>			
6516	Flanagan, Minnie J.	Springville	August 1, 1908
6735	Crego, George Raymond	Akron	January 1, 1909
<i>Erie county—second district</i>			
6524	Burr, Addie E.	Orchard Park	August 1, 1908
6595	Herold, Stella M.	Arcade	August 1, 1908
6337	Redmond, Kathryn V.	Victorhill	August 1, 1908
6316	Sutter, Milton L.	Hamburg	August 1, 1908
6709	Clark, Hazel E.	Hamburg	January 1, 1909
<i>Erie county—third district</i>			
6304	Anthony, Alice Eldred	Colden	August 1, 1908
6500	Neff, Ella Louisa	Ashford	August 1, 1908
6351	Pierce, William E.	Willink	August 1, 1908
6750	Brown, Myrtle	Belmont	January 1, 1909
<i>Essex county—first district</i>			
6425	Dacey, Mary B.	Ausable Forks	August 1, 1908
6650	Sexton, Bernard Patrick	Hurricane	January 1, 1909
6666	Haselton, Mary E.	Haselton	January 1, 1909
6667	Hoffnagle, Edna May	Willsboro	January 1, 1909
6739	Todd, Mamie J.	Elizabethtown	January 1, 1909
<i>Essex county—second district</i>			
6383	Cronin, Rose A.	Minerva	August 1, 1908
6474	Lynch, Esther Anna	Indian Lake	August 1, 1908
6470	McGreary, Elizabeth G.	Morialh Center	August 1, 1908
6718	Bigalow, H. Raeburn, Miss	Port Henry	January 1, 1909
<i>Franklin county—first district</i>			
6317	Allen, Anna M.	Burke	August 1, 1908
6439	Cooney, Elizabeth M.	Malone	August 1, 1908
6384	Langford, Jean McK	Burke	August 1, 1908
6616	Wilcox, Fredus H.	Reynoldston	August 1, 1908
6681	Bonin, Ida Mae	Malone	August 1, 1908
6680	Henry, Mary A.	Malone	August 1, 1908
6682	Stickney, Mary Wood	Saranac Lake	January 1, 1909
6710	Willmarth, Eva M.	Burke	January 1, 1909

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
	<i>Franklin county—second district</i>		
6621	MacKenna, Dora F.	Ft Covington.....	August 1, 1908
	<i>Pulton county—sole district</i>		
6596	Cook, Dora I.	Gloversville.....	August 1, 1908
6557	Topilff, Della S. Mrs.	Cranberry Creek.....	August 1, 1908
	<i>Genesee county—sole district</i>		
6386	Ward, Lewellyn Jay.	Corfu.....	August 1, 1908
	<i>Greene county—first district</i>		
6527	Brandow, Marlon B.	Athens.....	August 1, 1908
6387	Moseman, M. Claude.	Big Hollow.....	August 1, 1908
6556	Yops, Frederica L.	Palenville.....	August 1, 1908
6642	Bogardus, Carrie Estelle.	Catskill.....	August 1, 1908
6648	Bolan, Ethel Irene.	Catskill.....	January 1, 1909
6619	Beach, Louise Avery.	Catskill.....	August 1, 1908
	<i>Greene county—second district</i>		
6574	Adams, Emma L. Mrs.	Windham.....	August 1, 1908
6243	Lockwood, Helen Court.	Aquetuck.....	August 1, 1908
6658	Hoese, Eva Roe.	Greenville.....	August 1, 1908
6719	Hannay, Ward L.	S. Westerlo.....	January 1, 1909
	<i>Hamilton county—sole district</i>		
6475	Earley, Pearl E.	Wells.....	August 1, 1908
6224	Hanley, Charles B.	Wells.....	August 1, 1908
	<i>Herkimer county—first district</i>		
6581	Bauer, Jennie A.	Newport.....	August 1, 1908
6282	Dagenkolb, A. Pearl.	Cold Brook.....	August 1, 1908
6388	Lucy, Jennie M.	Little Falls.....	August 1, 1908
6332	Newberry, Nellie A.	Newport.....	August 1, 1908
	<i>Herkimer county—second district</i>		
6355	House, Grace Lodena.	West Winfield.....	August 1, 1908
	<i>Jefferson county—first district</i>		
4373	Cross, Mattie Maud.	Lorraine.....	August 1, 1908
4719	Gardner, Mary A.	Ellisburg.....	August 1, 1908
5185	Lee, Ruth Hudson.	Adams.....	August 1, 1908
	<i>Jefferson county—second district</i>		
4717	Dumas, Pearle.	Evans Mills.....	August 1, 1908
6477	Gayne, Mable J.	Carthage.....	August 1, 1908
6617	Baldwin, Warren C.	Redwood.....	August 1, 1908
6647	Frost, Grace M.	Antwerp.....	August 1, 1908
6628	Dumas, Christie M.	Evans Mills.....	August 1, 1908
6740	Pennell, Bessie Nina.	Evans Mills.....	January 1, 1909
	<i>Jefferson county—third district</i>		
6440	Comins, Raymond.	Clayton.....	August 1, 1908
6517	Dady, Helen E.	LaFargeville.....	August 1, 1908
6274	Mayer, Elizabeth Linnell.	Clayton.....	August 1, 1908
	<i>Lewis county—first district</i>		
6279	Bidinger, Katherine G.	Lyons Falls.....	August 1, 1908
6319	Botsford, Helen M.	Collinsville.....	August 1, 1908
6441	Brenon, Seraphena Mary.	Turin.....	August 1, 1908
6502	Campbell, Eva Lucinda.	Lyons Falls.....	August 1, 1908
6389	Carroll, Margaret F.	Port Leyden.....	August 1, 1908
6390	Denison, Pearl C.	Port Leyden.....	August 1, 1908
6503	Gaines, Orrey.	Turin.....	August 1, 1908
6504	MacGarry, Rose E.	Port Leyden.....	August 1, 1908
6349	Markham, Sarah E.	Constableville.....	August 1, 1908
6251	Martus, Bertha E.	Constableville.....	August 1, 1908
6306	Merriam, Ella L.	Constableville.....	August 1, 1908
6442	O'Leary, Margaret.	Constableville.....	August 1, 1908
6632	Traxel, Mary E.	Constableville.....	August 1, 1908
6656	Giasby, Edward W.	Constableville.....	August 1, 1908
6657	Beha, Ambrose L.	Lyons Falls.....	January 1, 1909
6686	Carroll, Mae I.	West Leyden.....	January 1, 1909
6715	Powell, Mary E.	Port Leyden.....	January 1, 1909
		Constableville.....	January 1, 1909

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Lewis county—second district</i>			
6391	McMichael, Anna E.	Copenhagen.....	August 1, 1908
6392	Smith, Switzer W.	S. Rutland.....	August 1, 1908
4705	Stevens, Janet Ethyl	Natural Bridge.....	August 1, 1908
6340	Tunny, Virginia J.	Croghan.....	August 1, 1908
6668	Sheldon, Fernie L.	Copenhagen.....	January 1, 1909
<i>Madison county—first district</i>			
6262	Burton, Vivan L.	Brookfield.....	August 1, 1908
6601	Curtis, Flora Hazel	Poolville.....	August 1, 1908
6734	Craine, Maud E.	Valparaiso, Ind.....	January 1, 1909
6736	Clayton, Jessie A.	W. Eaton.....	January 1, 1909
<i>Madison county—second district</i>			
6393	Buell, Harriet S.	New Woodstock.....	August 1, 1908
6297	Eames, Isabella T.	Canastota.....	August 1, 1908
6341	Prosser, Abbie James	Canastota.....	August 1, 1908
<i>Monroe county—first district</i>			
6444	Knapp, Ada G. H.	Penfield.....	August 1, 1908
6394	Rowen, Fannie A.	Honeoye Falls.....	August 1, 1908
6651	Collins, Marguerite A.	Webster.....	August 1, 1908
<i>Monroe county—second district</i>			
6533	Auth, Mary	Rochester.....	August 1, 1908
6534	Corcoran, Janoria	Rochester.....	August 1, 1908
6535	Corcoran, Susanne	Rochester.....	August 1, 1908
6485	Cosgrove, Ada M.	Spencerport.....	August 1, 1908
6234	Daul, Magdalen R. B.	Rochester.....	August 1, 1908
6445	Ellery, Anna Maud	Churchville.....	August 1, 1908
6536	Fuchs, Rose	Rochester.....	August 1, 1908
6353	Kapp, Louise	Rochester.....	August 1, 1908
6537	Kiefer, Anna M.	Rochester.....	August 1, 1908
6597	McNab, Julia Jeffrey	Rochester.....	August 1, 1908
6538	Mace, M. Isabel	Rochester.....	August 1, 1908
6235	McNerney, Anna M.	Rochester.....	August 1, 1908
6539	Nolan, Charlotte E.	Rochester.....	August 1, 1908
6540	Schenck, Julia	Rochester.....	August 1, 1908
6541	Stockschlaeder, Ida	Rochester.....	August 1, 1908
6542	Wurtzel, Josephine	Rochester.....	August 1, 1908
6639	Hill, Lorenzo Wilson	Churchville.....	August 1, 1908
<i>Montgomery county—sole district</i>			
6395	Fonda, Lydia S.	Fort Plain.....	August 1, 1908
6251	Barrett, B. Alice	Cranesville.....	August 1, 1908
<i>Nassau county—sole district</i>			
6350	Backus, Bernardine	Rochester.....	August 1, 1908
6406	Burns, Anna	Brooklyn.....	August 1, 1908
6239	Burns, Elizabeth L.	New York.....	August 1, 1908
6345	Canavan, Mary	Holy Cross.....	August 1, 1908
6231	Clarke, Anna C.	Holy Cross.....	August 1, 1908
6228	Dowling, Margaret T.	Holy Cross.....	August 1, 1908
6408	Eisenhower, Mary E.	Holy Cross.....	August 1, 1908
6578	Felerabend, Cornelia	New York.....	August 1, 1908
6462	Gassinger, Elisabeth	Rochester.....	August 1, 1908
6546	Giner, Elisabeth	New York.....	August 1, 1908
6263	Gleason, Alexia C.	New York.....	August 1, 1908
6561	Grady, Anna	Brooklyn.....	August 1, 1908
6461	Hauser, Frances	New York.....	August 1, 1908
6405	Hurnel, Elizabeth	New York.....	August 1, 1908
6466	Kamp, Margaret A.	Brooklyn.....	August 1, 1908
6354	King, Elizabeth M.	New York.....	August 1, 1908
6409	Lang, Margaret	Holy Cross.....	August 1, 1908
6579	McElroy, Rachael M.	New York.....	August 1, 1908
6564	McGonigle, Susan	New York.....	August 1, 1908
6395	McVeety, Lillian A.	New York.....	August 1, 1908
6229	Madigan, Helen T.	New York.....	August 1, 1908
6530	Meeres, Lillie Josephine	Holy Cross.....	August 1, 1908
6307	O'Donovan, Mary	New York.....	August 1, 1908
6545	Phelan, Annie	Holy Cross.....	August 1, 1908
6598	Fourche, Amelia	New York.....	August 1, 1908

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Nassau county—sole district (continued)</i>			
6346	Sass, Anna M.	Holy Cross	August 1, 1908
6407	Schmandt, Mary M.	New York	August 1, 1908
6238	Shanley, Mary J.	New York	August 1, 1908
6236	Sheehan, Catherine A.	New York	August 1, 1908
6237	Sheehan, Julia E.	New York	August 1, 1908
6230	Zeller, Mary A.	Holy Cross	August 1, 1908
6636	Reynolds, Margaret	New York	August 1, 1908
6702	Campbell, Mary	Astoria	January 1, 1909
6703	Peake, William Edgar	Long Eddy	January 1, 1909
6729	Coakley, Elizabeth	New York	January 1, 1909
6731	Lloyd, Grace E.	New York	January 1, 1909
6741	Dowd, Anna M.	New York	January 1, 1909
6749	Lemmer, Mary	Brooklyn	January 1, 1909
<i>Niagara county—first district</i>			
4698	Johnson, Edith Alice	Lockport	August 1, 1908
6505	Johnston, Sara W.	Lockport	August 1, 1908
6615	Rech, Genevieve Leslie	Tonawanda	August 1, 1908
6717	Koithan, Bessie May	Lockport	January 1, 1909
<i>Niagara county—second district</i>			
6467	Peterson, Nellie Maud	Ransomville	August 1, 1908
6762	Hill, Hattie Belle	Youngstown	January 1, 1909
<i>Oneida county—first district</i>			
6334	Sauter, James T.	Whitesboro	August 1, 1908
<i>Oneida county—second district</i>			
6281	Allwood, Bessie	Vernon	August 1, 1908
6582	Applegate, Grace Viola	Vernon Center	August 1, 1908
6472	Atkinson, Clara J.	West Winfield	August 1, 1908
6449	Claus, Erwin W.	Verona Station	August 1, 1908
6471	Donohoe, Agnes M.	Paris	August 1, 1908
6600	Ecker, M. Flossie	Mohawk	August 1, 1908
6506	Eldred, Ethel M.	Utica	August 1, 1908
6554	Fordham, Leila M.	Heron	August 1, 1908
6478	Grems, Mary Maud	Rome	August 1, 1908
6529	Howard, Florence E.	Bridgewater	August 1, 1908
6583	Leaberry, Nellie	Rome	August 1, 1908
6563	MacDonald, C. Agnes	Clinton	August 1, 1908
6602	Meade, Teresa	Cobleskill	August 1, 1908
6476	Mayhew, Royal H.	Clinton	August 1, 1908
6547	O'Mara, Mae A.	Florence	August 1, 1908
6518	Page, Eva M.	Rome	August 1, 1908
6423	Phipps, Nettie	Dolgeville	August 1, 1908
6584	Pugh, Bessie	West Winfield	August 1, 1908
6447	Ratnour, Edith	Oneida	August 1, 1908
6277	Risley, Sarah C.	Delhi	August 1, 1908
6588	Robson, Myrtice E.	Augusta	August 1, 1908
6501	Snow, A. May	Washington Mills	August 1, 1908
6446	Spellicy, Anna I.	Redfield	August 1, 1908
6448	Spellicy, Mae E.	Redfield	August 1, 1908
6626	Hickox, Florence E.	Clinton	August 1, 1908
6646	Edwards, Harriet E.	Utica	January 1, 1909
6743	Georgia, Grace E.	Treadwell	January 1, 1909
6753	McLaughlin, Rose E.	Camden	January 1, 1909
<i>Oneida county—third district</i>			
6320	York, Floyd D.	Verona	August 1, 1908
6669	Senbert, Willard George	Camden	January 1, 1909
<i>Oneida county—fourth district</i>			
6486	Boyce, Grace A.	Boonville	August 1, 1908
6397	Willson, Carrie A.	Point Rock	August 1, 1908
6634	Plants, Nettie E.	Boonville	August 1, 1908
6671	Burhyte, Charles H.	Barneveld	January 1, 1909
6755	Richardson, Luella Mrs	Boonville	January 1, 1909
<i>Onondaga county—first district</i>			
6272	Adsit, Ora	Baldwinsville	August 1, 1908
6558	Carr, Adelaide M.	Baldwinsville	August 1, 1908
6298	McAuliffe, Anna M.	Warner	August 1, 1908

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
	<i>Onondaga county—first district (concluded)</i>		
6398	McAuliffe, Mary E.	Warner	August 1, 1908
4778	Sandwick, Mabel E.	Syracuse	August 1, 1908
6670	Jones, Clara Eunice	Phoenix	January 1, 1909
6695	Kennedy, Julia V.	Memphis	January 1, 1909
6696	M'Keon, Gertrude M.	Syracuse	January 1, 1909
	<i>Onondaga county—second district</i>		
6494	Bowker, Fred H.	Mandana	August 1, 1908
6761	Henderson, Jessie M.	Skaneateles	January 1, 1909
	<i>Onondaga county—third district</i>		
6507	Maltby, Frances E.	Fayetteville	August 1, 1908
6399	Tiffany, Clara F. B. Mrs.	Syracuse	August 1, 1908
6655	Oley, Katheryn E.	Pompey	January 1, 1909
	<i>Ontario county—first district</i>		
6481	Donley, S. Gertrude	Phelps	August 1, 1908
6560	Fraher, Katheryn Bolger	Stanley	August 1, 1908
	<i>Ontario county—second district</i>		
6321	Goodrich, M. Delos	Naples	August 1, 1908
6266	Parmelee, Mary J.	Albany	August 1, 1908
6660	Deal, Ruth E.	E. Bloomfield	January 1, 1909
6701	Huntley, Lois A.	Cheshire	January 1, 1909
	<i>Orange county—first district</i>		
6548	Greene, Nathaniel F.	Mountain Dale	August 1, 1908
6492	Jackson, Margaret E.	Campbell Hall	August 1, 1908
6400	Kurtz, Hattie	Highland Falls	August 1, 1908
6491	McMunn, Daisy	Campbell Hall	August 1, 1908
6322	Marius, Maybelle M.	Highland Falls	August 1, 1908
6344	Watson, Florence R.	Cornwall-on-Hudson	August 1, 1908
6744	McCarter, Eva E.	Middletown	January 1, 1909
	<i>Orange county—second district</i>		
6244	Arkills, Nellie	Middletown	August 1, 1908
6287	Cleary, Anna Nolan	Port Jervis	August 1, 1908
6289	Crane, Edith F.	Port Jervis	August 1, 1908
6323	Ketcham, Nellie E.	Ottsville	August 1, 1908
6451	Kiernan, Agnes L.	Cuddebackville	August 1, 1908
	<i>Orleans county—sole district</i>		
6523	Brightly, Willis E.	Holley	August 1, 1908
6296	Hullhan, Margaret	Barker	August 1, 1908
6221	Martin, Cora Evelyn	Yates Center	August 1, 1908
5199	Robinson, May Isabelle	Waterport	August 1, 1908
6342	Bacon, Clara	Clarkson	August 1, 1908
6745	Dunwick, Maude I.	Holley	January 1, 1909
6756	Yagge, Albertina L.	Medina	January 1, 1909
	<i>Oswego county—second district</i>		
6592	Spencer, Evelyn L.	Phoenix	August 1, 1908
6453	Thompson, Edna Mae	Phoenix	August 1, 1908
6652	McManus, Julia E.	Phoenix	August 1, 1908
6676	Regan, Mollie A.	Phoenix	January 1, 1909
6747	Edick, Ethel A.	Parish	January 1, 1909
6676	Schumacher, Cassie B.	Parish	January 1, 1909
	<i>Otsego county—first district</i>		
6401	Jaycox, Edna E.	E. Worcester	August 1, 1908
6727	White, Budd H.	Worcester	January 1, 1909
6764	Davis, Lulu Belle	Cherry Valley	January 1, 1909
	<i>Otsego county—second district</i>		
6553	Pomeroy, Flossie B.	Sidney Center	August 1, 1908
6482	Roulston, Agnes Mrs.	Oneonta	August 1, 1908
6324	Squire, Evalena	Otego	August 1, 1908
6712	Gregory, Ida M. Mrs.	Garrattsville	January 1, 1909

TABLE 4 (continued)

First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Rensselaer county—first district</i>			
6338	Bowie, Annie A.	Hoosick Falls	August 1, 1908
6356	Brownell, Edward C.	Buskirk's Bridge	August 1, 1908
6590	Downing, Marvin B.	Johnsonville	August 1, 1908
6497	Engel, Emma S.	Cohoes	August 1, 1908
6402	Hetfield, Mabel F.	Troy	August 1, 1908
6498	Murphy, Maria J.	Rensselaer	August 1, 1908
6495	Knickerbacker, Adaline R.	Schaghticoke	August 1, 1908
6403	McGowan, Margaret M.	Troy	August 1, 1908
6404	Powell, Georgia Maria	Petersburg	August 1, 1908
6635	Allen, James Turner	White Creek	August 1, 1908
<i>Rensselaer county—second district</i>			
6427	Bower, Edward W. Rev.	West Sand Lake	August 1, 1908
6256	Carroll, Helen	Rensselaer	August 1, 1908
6364	Kaiser, Catharine	Albany	August 1, 1908
6226	Knauer, Elsa	Albany	August 1, 1908
6242	McErlie, Margaret	Albany	August 1, 1908
6577	Steele, Gertrude E.	Brainard	August 1, 1908
6672	Smith, Emma A.	Rensselaer	January 1, 1909
6758	Hanlon, Clotilda	Troy	January 1, 1909
6757	Heffernan, Julia Teresa	Rensselaer	January 1, 1909
<i>Rockland county—sole district</i>			
6206	Spratt, Ethel	Nyack	August 1, 1908
<i>St Lawrence county—first district</i>			
6455	Banford, Robert I.	Heuvelton	August 1, 1908
6454	Beach, Leva E.	Gouverneur	August 1, 1908
6299	Bennett, Harriett B.	Gouverneur	August 1, 1908
6303	Hutchinson, George G.	Heuvelton	August 1, 1908
6509	Maloy, Grace A.	Gouverneur	August 1, 1908
6325	Morse, Elizabeth A.	Hammond	August 1, 1908
6510	Parker, Grace A.	Gouverneur	August 1, 1908
6278	Shaw, Jennie M.	Oswegatchie	August 1, 1908
6508	Townsley, Loan E.	Gouverneur	August 1, 1908
6301	Weatherup, Watson A.	DeKalb Junction	August 1, 1908
6452	White, Helena Pearl	Richville	August 1, 1908
6673	Hampton, Agnes C.	Gouverneur	January 1, 1909
<i>St Lawrence county—second district</i>			
6568	Goolden, Bessie Agnes	Canton	August 1, 1908
6689	Kelly, Alice Bernice	Russell	January 1, 1909
6692	Newman, Vera Ethel	Canton	January 1, 1909
<i>St Lawrence county—third district</i>			
6456	Shoen, E. S. Mrs.	Brasher Falls	August 1, 1908
6569	Welch, Ada J.	Canton	August 1, 1908
6653	Minkler, Eva Leona	Massena Springs	August 1, 1908
<i>Saratoga county—first district</i>			
6496	Anderson, Rose M.	Galway	August 1, 1908
6713	Livingston, Arabella S.	Ballston Lake	January 1, 1909
6766	Markham, Julia A.	Ballston Lake	January 1, 1909
<i>Saratoga county—second district</i>			
6412	Brown, Carrie Alma	Northville	August 1, 1908
6366	Paul, Henry Hamilton	Day	August 1, 1908
6413	Savage, Emily F.	S. Glens Falls	August 1, 1908
6697	Larmon, Nina L.	Schuylerville	January 1, 1909
<i>Schenectady county—sole district</i>			
6414	Brown, Lottie R.	Rotterdam	August 1, 1908
6680	Stearns, A. Mabelle	Schenectady	August 1, 1908
6594	Wilber, Nina Ethel	Delanson	August 1, 1908
<i>Schoharie county—first district</i>			
6326	Champlain, Pearl A.	Stamford	August 1, 1908
6318	Long, Agnes Van Loan	Tannersville	August 1, 1908
6335	Poultney, Robert	Potter Hollow	August 1, 1908
6751	Smith, Alice A.	Central Bridge	January 1, 1909

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Schoharie county—second district</i>			
6457	Herron, Elizabeth.....	E. Cobleskill.....	August 1, 1908
6241	Hoese, Martin W.....	Vintonton.....	August 1, 1908
6416	Nichols, Daisy Campbell.....	Jefferson.....	August 1, 1908
6674	Best, Bertha E. Foland.....	Seward.....	January 1, 1909
6676	Jump, Harold.....	Summit.....	January 1, 1909
6706	Carl, Luman.....	W. Fulton.....	January 1, 1909
<i>Schuyler county—sole district</i>			
6246	Baker, Olin James.....	Beaver Dams.....	August 1, 1908
6499	Fairchild, Lena E.....	Valots.....	August 1, 1908
6271	Phelps, Edna C.....	Watkins.....	August 1, 1908
6426	Dean, Della Mae.....	Newfield.....	August 1, 1908
6614	Van Lone, Ethel M.....	Alpine.....	August 1, 1908
6732	Durkee, Nellie Lee.....	Montour Falls.....	January 1, 1909
<i>Steuben county—first district</i>			
6370	Lounsberry, Jennie C.....	Branchport.....	August 1, 1908
6585	Fogal, Roy E.....	Cohocton.....	August 1, 1908
6302	Stinson, Katharine J.....	Bath.....	August 1, 1908
<i>Steuben county—second district</i>			
6549	Gifford, Ethel B.....	Corning.....	August 1, 1908
6416	Hopper, Henrietta.....	Corning.....	August 1, 1908
6525	Walrath, Nina.....	Woodhull.....	August 1, 1908
6638	Reasor, Raymond E.....	Addison.....	January 1, 1909
<i>Steuben county—third district</i>			
6343	Fisher, Michael C.....	Greenwood.....	August 1, 1908
6275	Litchard, Rog. G.....	Canaseraga.....	August 1, 1908
6687	Waight, Judia.....	Jasper.....	January 1, 1909
<i>Suffolk county—first district</i>			
6417	Jones, Aaron M.....	Phoenix.....	August 1, 1908
<i>Suffolk county—second district</i>			
6469	Pearsall, Estella.....	Babylon.....	August 1, 1908
6265	Stepanek, Charles B.....	Bohemia.....	August 1, 1908
6677	McDonald, Mary Agnes.....	Ronkonkoma.....	January 1, 1909
<i>Sullivan county—first district</i>			
6550	Starr, Edna E.....	Bethel.....	August 1, 1908
<i>Sullivan county—second district</i>			
6418	§Benedict, Wilbur S.....	Stevensville.....	August 1, 1908
6604	Freer, Arden.....	Neversink.....	August 1, 1908
6251	Hodge, Myra C.....	Livingston Manor.....	August 1, 1908
6587	Lewis, Walter W.....	White Sulphur Spa.....	August 1, 1908
6603	§Manion, Lucy M.....	White Sulphur Spa.....	August 1, 1908
6637	§Mitchell, Harold S.....	Callicoon.....	August 1, 1908
6725	§O'Keefe, Alice.....	DeBruce.....	January 1, 1909
<i>Tioga county—sole district</i>			
6456	Bingham, Mary A.....	Lockwood.....	August 1, 1908
6220	Oakes, Grace G.....	Newark Valley.....	August 1, 1908
6520	Stowe, Juanita Mae.....	Spencer.....	August 1, 1908
6518	Walters, Lillian Edgerton.....	Lockwood.....	August 1, 1908
6419	§Wilson, Charlie M.....	Candor.....	August 1, 1908
6716	Terpenning, Fannie E.....	Newark Valley.....	January 1, 1909
6733	§Griffin, Maude E. Dorn.....	Candor.....	January 1, 1909
6760	§Ford, N. Ethel.....	Owego.....	January 1, 1909
<i>Tompkins county—first district</i>			
6367	Hine, Iva Emma.....	Ithaca.....	August 1, 1908
6627	Lewis, Theodore LaVerne.....	W. Danby.....	August 1, 1908
6752	Whitney, Mary O.....	Newfield.....	January 1, 1909
<i>Tompkins county—second district</i>			
6555	Apgar, Clara I.....	Groton.....	August 1, 1908
6411	Chevalier, Gracia B.....	Harford.....	August 1, 1908
6283	Hyde, Dibble Townley.....	Groton.....	August 1, 1908

TABLE 4 (continued)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
<i>Ulster county—first district</i>			
6420	Brown, Ethel Belle	Saugerties	August 1, 1908
6421	Crawford, Mary G.	Saugerties	August 1, 1908
6654	O'Marra, Anastasia	Kingston	January 1, 1909
6748	Legg, Adella Monteith	Saugerties	January 1, 1909
<i>Ulster county—second district</i>			
6368	Munnely, Carolyn M.	Port Ewen	August 1, 1908
6551	Schoonmaker, Joanna Herrick	Rondout	August 1, 1908
6300	Service, Robert John	Kingston	August 1, 1908
6630	Lynch, Anna E.	Poughkeepsie	August 1, 1908
6754	Zelt, Josephine	Kingston	January 1, 1909
<i>Ulster county—third district</i>			
6261	Chase, Edwin C.	Oliveres	August 1, 1908
6328	Wands, Evelyn Davis	Shokan	August 1, 1908
6649	Hartwig, Mary Warren	Ellenville	January 1, 1909
6659	McMullen, Teresa	Ellenville	January 1, 1909
6683	Bennett, Reuben J.	Liberty	January 1, 1909
<i>Warren county—first district</i>			
6678	Surprenant, Mary L.	Glens Falls	January 1, 1909
6688	Spaulding, Elsie Delle	Morish	January 1, 1909
6737	Bull, Mary B.	Glens Falls	January 1, 1909
<i>Warren county—second district</i>			
6543	Minahan, Basil T.	Amawalk	August 1, 1908
6252	Waldron, Clara A.	North Creek	August 1, 1908
6700	Davison, Anna M.	Johnsburg	January 1, 1909
<i>Washington county—first district</i>			
6565	Barber, Mary Isabella	Greenwich	August 1, 1908
6459	Richards, Mattie Martin	Cambridge	August 1, 1908
6679	Green, Alma M.	Fort Edward	January 1, 1909
6685	Carr, Annie Eliza	Salem	January 1, 1909
6658	Roe, Eva	Greenville	January 1, 1909
<i>Washington county—second district</i>			
6487	Barker, Agnes K.	Whitehall	August 1, 1908
6288	Doyle, M. Bertha	Sandy Hill	August 1, 1908
6511	Gibbs, Edna	Hartford	August 1, 1908
6365	King, Carroll Preston	Ticonderoga	August 1, 1908
6352	McHenry, Alice B.	Middle Granville	August 1, 1908
6209	Morse, Etta Reed	Hartford	August 1, 1908
6512	Ryan, Margaret A.	Whitehall	August 1, 1908
6362	Sheldon, Minnie E.	Rupert, Vt.	August 1, 1908
6479	Tolman, Mary Fannie	Hartford	August 1, 1908
6698	White, Elizabeth Louise	Salem	January 1, 1909
<i>Wayne county—first district</i>			
6208	Miner, Lydia Jane	Wolcott	August 1, 1908
6659	Putnam, Olive Lucy	Lyons	August 1, 1908
<i>Wayne county—second district</i>			
6329	Libbert, Jennie Pettis	Pheips	August 1, 1908
6330	Rogers, Agnes C.	Marion	August 1, 1908
6676	Van Male, Jennie M.	Port Gibson	August 1, 1908
6704	Fisher, Margaret C.	E. Palmyra	August 1, 1908
<i>Westchester county—first district</i>			
6661	Burke, Alice	Mt Loretto, S. I.	January 1, 1909
<i>Westchester county—second district</i>			
6689	Boylan, Mary J.	Mt Loretto, S. I.	August 1, 1908
<i>Westchester county—third district</i>			
6358	Billor, Emil Joseph	Sacred Heart	August 1, 1908
6532	Burkert, Fred Joseph	Pocantico Hills	August 1, 1908
6336	Cornelle, Gerald	Shrub Oak	August 1, 1908
6562	Dugan, Mary E.	Mt St Vincent	August 1, 1908
6460	McGovern, Margaret R.	Peekskill	August 1, 1908
6488	Skelly, Christina C.	Mt St Francis	August 1, 1908
6357	Wilkinson, William	Amawalk	August 1, 1908

TABLE 4 (concluded)
First grade certificates issued by school commissioners

Number of certificate	COUNTY, DISTRICT AND NAME	Post office address	Date of certificate
	<i>Westchester county—third district (concl'd)</i>		
6624	Quigley, Mary	New York	August 1, 1908
6625	Welmar, Charlotte	New York	August 1, 1908
6638	McCarthy, Henry A.	Amawalk	August 1, 1908
6641	Tripp, Alice	North Castle	August 1, 1908
	<i>Wyoming county—first district</i>		
6493	Munger, N. Gertrude	Warsaw	August 1, 1908
6463	Smith, Viola Agnes	Pavillon	August 1, 1908
	<i>Wyoming county—second district</i>		
6222	Merrill, Anna M.	Rushford	August 1, 1908
6513	Murphy, Frances E.	North Java	August 1, 1908
6473	Stryker, Lillian Hughes	Arcade	August 1, 1908
6618	Watkins, Esme	Arcade	August 1, 1908
	<i>Yates county—sole district</i>		
6599	Blodgett, Mary C.	Rushville	August 1, 1908
6464	Cornish, Thomas C.	Naples	August 1, 1908
6465	Hayes, M. May	Dresden	August 1, 1908
6480	Miller, Emma H.	Saunders	August 1, 1908
6331	Tyler, Arthur Ira	Pulteney	August 1, 1908
6724	Wetherby, Anne V.	Italy	January 1, 1909

TABLE 5
First grade certificates issued in cities

Number of certificate	NAME AND CITY	Post office address	Date of certificate
	<i>Auburn</i>		
6694	Lawton, Mariam	Auburn	January 1, 1909
	<i>Ogdensburg</i>		
6567	Mallon, Anna	Ogdensburg	August 1, 1908
6253	Quigley, Louise	Ogdensburg	August 1, 1908
	<i>Oneida</i>		
6643	Deering, Mary Gertrude	Oneida	August 1, 1908
	<i>Schenectady</i>		
6620	Relyea, Della	Schenectady	August 1, 1908
6622	Lester, Alice Gasking	Altamont	August 1, 1908
6644	Esselstyn, Florence C.	Schenectady	August 1, 1908
	<i>Troy</i>		
6526	Conroy, Jane M.	Troy	August 1, 1908
6576	Delsney, Mary C.	Troy	August 1, 1908
6531	Hannan, Margaret E.	Troy	August 1, 1908
6265	Wellworth, Mary G.	Troy	August 1, 1908
6744	Dolan, Mary R.	Troy	January 1, 1909
6763	Murphy, Catherine T.	Troy	January 1, 1909

TABLE 6
Examinations for State certificates, August 1908

PLACE	EXAMINER	Number of candidates	Certificates issued
Albany	John J. Cannon	46	5
Binghamton	J. Edward Banta	23	2
Buffalo	James M. Cassety	16	4
Buffalo (Sacred Heart Academy)	Helen K. Lytle	26	1
Chautauque	Hiram C. Case	11	2
Cortland	W. A. Cornish	42	2
Elmira	W. J. Deans	20	2
Kingston	S. R. Shear	69	5
Liberty	C. A. Mider	10	2
New York	M. A. Bailey	44	9
Ogdensburg	S. S. Southwick	5	1
Peekskill (Mt. Florence)	Lida C. Ryan	4	1
Plattsburg	George K. Hawkins	15	1
Rochester	K. P. Shedd	22	5
Rochester (Nazareth Academy)	Fred W. Hill	34	1
Salamanca	E. A. Stratton	11	1
Syracuse	Charles E. White	24	6
Troy (St Joseph's Convent)	Mary K. Hamilton	20	3
Utica	M. G. Benedict	41	4
Watertown	Frank C. Tisdale	23	2
Total		506	54

TABLE 7

Successful candidates for State certificates, 1908

Anderson, Raymond	Hick, Charles S.
Baker, Elizabeth H.	Kaiser, Gesina
Belleu, Christine C.	Kettel, Mary Monica
Bluestone, Mary L.	Leueher, John H.
Boyce, Evelyn Marie	Lytle, Ruth L.
Braman, Wallace J.	McCloskey, Kate A.
Brown, Nellie I.	Marsh, Cassie
Butterfield, Roy L.	Martin, Helen I.
Chassagneux, John P.	Nightingale, Lucie Marie
Clark, Lena M.	Noble, Georgia
Conolly, Etta G.	Nolan, Anna M.
Cooper, Ada L.	Oakes, Grace G.
Cullen, Margaret C.	Phalan, James T.
Dunham, Harriet B.	Reagan, Sara E.
Fairchild, Cornelia M.	Revollon, Matthew
Ferry, Charles F.	Richmond, Edward E.
Finnegan, Susanna L.	Ricks, Mayme
Fish, Ada Z.	Rooney, Mary B.
Four, Paul A.	Schnecker, Elizabeth S.
Fowler, Christine Cecilia	Smith, Claude V.
Francis, Adah J.	Stocking, Vaughn D.
Francis, Grace M.	Stoecker, Lena
Frisbie, William G.	Tait, Bertha
Gilbert, Emily B.	Waterbury, Lucy A.
Girard, Arthur L.	Watson, Ella K.
Heist, Charles A.	Yeomans, Laura E.
Helmer, Grace C.	Young, Louise A.

TABLE 8
Teachers training classes

COUNTY	Place	No. of teachers employed	STUDENTS REPORTED FIRST TERM			STUDENTS REPORTED SECOND TERM			Visits by school commissioners	Inspections by Department	Certificates granted	APPORTIONMENT OF MONEY		Total cost of classes to school
			Men	Women	Total	Men	Women	Total				From training class appropriation	Teachers' quotas	
Allegany	Alfred	1	2	10	12	3	12	15	1	4	\$500	\$100	\$600	
	Angelica	1	2	10	2	12	3	11	2	6	500	100	600	
	Belfast	1	15	15	15	15	15	15	1	17	500	100	600	
	Friendship	1	16	17	16	18	18	18	1	12	500	100	600	
Broome	Union	1	1	14	15	2	12	14	1	10	500	100	600	
	Cattaraugus	1	12	12	12	12	12	12	3	14	500	100	600	
	Delevan	1	16	16	16	16	16	16	2	11	500	100	600	
	Olean	1	20	20	19	18	18	18	4	12	500	100	600	
Cayuga	Salamonica	1	19	19	19	18	18	18	5	13	500	100	600	
	Mora via	1	20	22	22	17	19	13	5	12	500	100	600	
	Forestville	1	4	6	10	5	8	13	3	11	500	100	600	
	Sherman	1	3	13	16	3	14	17	2	9	500	100	600	
Chemung	Westfield	1	2	21	23	2	22	24	4	10	500	100	600	
	Horsesheds	1	14	14	16	13	15	14	10	12	500	100	600	
	Greene	1	14	14	14	14	14	14	8	12	500	100	600	
	Norwich	1	18	18	18	18	18	18	1	16	500	100	600	
Chenango	Moorea	1	12	12	12	13	13	13	1	11	500	100	600	
	Circunastus	1	2	10	12	1	10	11	1	11	500	100	600	
	Delhi	1	15	15	15	15	15	15	1	7	500	100	600	
	Delaware	1	3	14	17	3	11	13	1	7	500	100	600	
Dutchess	Stamford	1	19	19	19	20	21	21	1	9	500	100	600	
	Walton	1	1	17	18	1	18	19	1	17	500	100	600	
	Pine Plains	1	10	10	10	10	10	10	5	6	500	100	600	
	Angola	1	20	20	20	16	16	16	4	7	500	100	600	
Essex	Clarence	1	16	16	16	16	16	16	3	12	500	100	600	
	Springville	1	1	10	11	1	10	11	3	9	500	100	600	
	Fort Henry	1	3	14	17	2	14	16	2	4	500	100	600	
	Westport	1	22	22	22	19	19	19	1	6	500	100	600	
Franklin	Brushton	1	10	10	10	2	11	13	7	15	500	100	600	
	Chateaugay	1	18	18	18	18	18	18	1	10	500	100	600	
	Malone	1	1	1	1	1	1	1	1	16	500	100	600	

Fulton.....	1	14	16	18	3	1	12	100	650
Greene.....	1	27	20	22	2	2	14	100	650
Herkimer.....	1	27	19	19	6	2	14	100	650
Jefferson.....	1	16	12	13	2	2	21	100	692 60
	1	16	13	13	2	2	7	100	725
	1	8	5	6	2	2	11	100	550
Lewis.....	1	17	5	6	1	1	7	100	600
Livingston.....	1	17	17	19	2	2	7	100	600
Madison.....	1	13	11	13	4	2	12	100	575
De Ruyter.....	1	10	11	13	3	3	8	100	590
Hamilton.....	1	10	9	10	3	2	8	100	775
Monroe.....	1	16	15	15	3	1	13	100	500
Fairport.....	1	19	17	17	18	2	13	100	520
Niagara.....	1	13	10	10	8	1	18	100	550
Wilson.....	1	12	17	19	2	1	12	100	500
Oneida.....	1	17	16	16	7	1	9	100	728 20
Clinton.....	1	10	8	8	6	1	9	100	600
Baldwinsville.....	1	12	13	14	3	1	10	100	600
Jordan.....	1	17	21	22	2	1	9	100	600
Onondaga Valley.....	1	17	16	17	4	1	11	100	700
Tully.....	3	9	12	14	4	1	6	100	582 35
Naples.....	1	11	11	11	1	1	12	100	730
Fort Jervis.....	1	22	19	19	10	2	12	100	600
Albion.....	1	11	10	11	5	2	7	100	675
Fulton.....	1	21	25	25	5	1	18	100	608 50
Pulaski.....	1	9	10	13	2	1	8	100	550
Morris.....	3	9	12	13	2	1	8	100	550
Schenevus.....	1	17	20	25	3	1	11	100	600
Unadilla.....	1	15	17	20	5	1	8	100	650
Colton.....	1	16	18	20	2	1	11	100	600
Madrid.....	3	21	22	22	1	1	8	100	600
Ogdensburg.....	1	24	22	22	1	1	13	100	650
Ballston.....	1	11	15	16	9	1	14	100	600
Corinth.....	1	20	16	16	1	1	13	100	720
Schoharie.....	1	10	6	6	2	1	13	100	650
Waterloo.....	1	12	11	11	8	2	13	100	650
Canastota.....	1	22	19	20	2	1	18	100	600
Cornwall (Northside).....	1	13	22	23	2	2	10	100	660
Hammondsport.....	1	13	11	16	2	2	18	100	600
North Cohocton.....	1	5	5	5	1	1	9	100	600
Monticello.....	1	13	7	10	3	1	6	100	715 95
Newark Valley.....	1	9	20	21	1	1	8	100	600
Owego.....	1	18	17	17	2	1	8	100	510
Spencer.....	1	16	17	17	1	1	5	100	550

TABLE 8 (concluded)
Teachers training classes

COUNTY	Place	No. of teachers employed	STUDENTS REPORTED FIRST TERM			STUDENTS REPORTED SECOND TERM			Visits by school commissioners	Inspections by Department	Certificates granted	APPORTIONMENT OF MONEY		Total cost of class to school
			Men	Women	Total	Men	Women	Total				From training class appropriation	Teachers' quota	
Tompkins	Ithaca	1	12	12	24	10	10	20	5	1	11	\$500	\$100	\$1 000
Ulster	Ellenville	1	12	13	25	11	12	23	6	1	11	500	100	600
Warren	Glens Falls	1	20	20	40	20	20	40	6	6	12	500	100	750
Washington	Sandy Hill	1	16	16	32	15	15	30	3	2	10	500	100	600
Wayne	Clyde	1	11	11	22	12	12	24	1	1	2	500	100	600
	Palmyra	1	13	13	26	12	12	24	10	1	11	500	100	600
	Wolcott	1	12	12	24	17	17	34	1	1	2	500	100	600
Wyoming	Arcade	1	12	12	24	1	17	18	2	1	11	500	100	600
	Warsaw	1	17	17	34	15	15	30	3	1	14	500	100	700
Yates	Dundee	1	12	13	25	10	10	20	5	1	10	500	100	600
	Penn Yan	1	17	19	36	12	14	26	1	1	10	500	100	600
Total		85	82	1 227	1 309	85	1 205	1 290	275	117	6842	\$39 500	\$8 500	\$48 000

The following schools which failed to maintain a class of 10 during 1907-8 were apportioned a pro rata amount during 1908-9 as follows:

Allegheny	Angelica	450
Broome	Whitney's Point	450
Essex	Port Henry	400
	Westport	425
Onondaga	Jordan	475
Ontario	Naples	350

TABLE 9
Training schools and kindergartens

LOCATION	No. of teachers employed	STUDENTS REPORTED FIRST TERM			STUDENTS REPORTED SECOND TERM			Visits by school commissioners	Inspections by Department	Certificates granted	APPORTIONMENT OF MONEY		Total cost of class to school
		Men	Women	Total	Men	Women	Total				From training class appropriation	Teachers' quota	
Albany	3		38	38		36	36			22	\$1 352 72	\$200	\$3 032 45
Albany (kindergarten department)			6	6		6	6						
Auburn	1		12	12		11	11			8	363 57	100	1 065 89
Auburn (kindergarten department)			1	1		1	1						
Buffalo	3		48	48		31	31			24	1 346 37	400	3 350 00
Buffalo (kindergarten department)			1	1		1	1						
Cohoes	1		29	29		24	24			8	890 32	100	900 00
Cohoes (kindergarten department)			1	1		1	1			7	301 92	100	900 00
Elmira	1		6	6		6	6			3	208 53	100	700 00
Elmira (kindergarten department)			1	1		1	1						
Jamestown													
Jamestown (kindergarten department)			29	916	945	29	863	892		299	31 818 66	3 800	
The Brooklyn Training School	45												
The Brooklyn Training School (kindergarten department)			11	11		11	11			32			
The Jamaica Training School	17		230	232		9	167	176		85	6 293 01	1 700	
The Jamaica Training School (kindergarten department)			12	12		9	9			263	28 433 28	3 200	278 580 82
The New York Training School	37		701	774		73	692	765					
The New York Training School (kindergarten department)			73	774		73	692	765					
Rochester	8		18	18		18	18			14			
Rochester (kindergarten department)			27	37		30	36			11	1 861 34	700	31 545 05
Rochester (kindergarten department)			2	21		21	21			13			
Schenectady	2		19	19		16	16			9	572 09	200	2 614 00
Schenectady (kindergarten department)			2	19		16	16			2	715 36	200	5 400 00
Syracuse	4		13	13		13	13			3			
Syracuse (kindergarten department)			13	13		13	13			7	1 000 03	200	2 056 00
Troy	2		33	33		32	32			4			
Troy (kindergarten department)			10	10		10	10			8	334 56	100	900 00
Watertown	1		10	10		10	10						
Watertown (kindergarten department)			10	10		10	10						
Total	126	114	2 156	2 270	111	2 014	2 125			815	\$75 491 75	\$11 100	\$330 984 21

TABLE 10
Summary of training class examinations 1909

	Examined	0-74	75-79	80-89	90-100
Reading.....	I 254	95	564	519	76
Writing.....	I 394	104	I 166	124	.....
Spelling.....	I 465	266	142	435	632
English.....	I 399	277	581	465	76
Arithmetic.....	I 389	296	309	493	291
Geography.....	I 270	179	661	388	42
History.....	I 329	188	371	492	278
Physiology.....	I 183	108	465	555	55
Drawing.....	I 223	99	352	530	242
History of education.....	I 320	206	436	423	255
Psychology.....	I 402	307	570	362	163
Agriculture.....	I 280	154	444	611	71
School management.....	I 356	260	510	464	122
School law.....	I 201	22	160	512	507
Total.....	18 475	2 561	6 731	6 373	2 810

TABLE 11
Summary of training school examinations 1909

	Examined	0-74	75-79	80-89	90-100
Phonics, reading and spelling.....	I 269	35	344	702	188
Language, composition and grammar.....	I 176	67	390	610	109
Arithmetic.....	I 255	448	528	253	26
Geography.....	I 167	230	385	392	160
Drawing.....	978	74	443	413	48
History of education.....	I 068	141	253	449	225
Psychology and principles of education.....	849	48	233	371	197
Nature study, physiology and hygiene.....	I 202	17	117	555	513
School management.....	I 049	84	373	471	121
History, civics and school law.....	970	13	81	412	464
Total.....	10 983	1 157	3 147	4 628	2 051

TABLE 12
Kindergarten examinations 1909

	Papers written	Papers accepted
History of education.....	109	96
Psychology and principles of education.....	74	70
School management.....	101	82
Special kindergarten methods.....	153	95
Special primary methods.....	102	83
Total.....	539	426

TABLE 13
Examinations for teachers State certificates 1908

	Papers written	Papers accepted
Algebra.....	215	112
Arithmetic.....	248	168
American history.....	206	86
Geography.....	216	177
Grammar.....	253	193
Orthography.....	229	131
Physiology and hygiene.....	192	177
Astronomy.....	25	19
Bookkeeping.....	179	169
Botany.....	154	146
Chemistry.....	121	103
Civil government.....	224	193
Composition and rhetoric.....	208	203
Drawing.....	184	176
General history.....	136	125
General literature.....	136	118
Geology.....	56	53
Methods and school economy.....	187	184
Plane geometry.....	130	104
Physics.....	192	186
School law.....	224	220
Zoology.....	52	48
Latin.....	62	48
French.....	30	22
German.....	53	42
History of education.....	178	144
Total.....	4 090	3 347

TABLE 14
Examinations for drawing teachers certificates 1909

Papers submitted.....	31
Papers accepted.....	25

Orwego.....	1863	1863	258	.....	214	.....	19	.....	4	96	100	262	2 908	3 170
			Academic.....	97	.....	79	.....	.....	.....	.....	.....	.....	.....	.....
			Intermediate.....	266	.....	252	.....	.....	.....	.....	.....	.....	.....	.....
			Primary and kindergarten.....	187	808	674	.....	.....	.....	.....	.....	.....	.....	.....
Plattsburg.....	1889	1890	Normal.....	81	.....	66	19	.....	45	45	37	465	502	.....
			Academic.....	37	.....	31	.....	.....	.....	.....	.....	.....	.....	.....
			Intermediate.....	242	.....	112	.....	.....	.....	.....	.....	.....	.....	.....
			Primary.....	151	511	295	.....	.....	.....	.....	.....	.....	.....	.....
			Normal.....	131	.....	123	20	18	6	72	78	508	1 791	2 299
			Academic.....	194	.....	144	.....	.....	.....	.....	.....	.....	.....	.....
			Intermediate.....	163	.....	133	.....	.....	.....	.....	.....	.....	.....	.....
			Primary and kindergarten.....	206	694	558	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	.....	.....	.....	6 494	6 494	5 331	.....	.....	38	829	867	2 823	17 304	20 127

TABLE 2
Normal schools — Financial statement from reports of local boards for the year ending July 31, 1909

SCHOOL	VALUE OF SCHOOL PROPERTY					RECEIPTS					Total
	Lot and buildings	Furniture	Library and apparatus	Total	Balance with local boards Aug. 1, 1908	FROM THE STATE		From academic, kinder-garten and primary tuition	From other sources		
						Maintenance appropriation	Special appropriation				
Brockport.....	\$275 000	\$10 000	\$15 000	\$300 000	.....	\$34 394 43	\$1 476 20	\$782 39	\$47 37	\$36 700 39
Buffalo.....	239 500	9 000	15 000	263 500	.....	30 921 23	3 353 77	364 50	.....	34 639 50
Cortland.....	253 590	28 050	32 758	314 398	\$9 091 58	45 000 ..	11 000 ..	.....	27 25 ..	65 118 83
Fredonia.....	325 000	15 000	10 000	350 000	4 324 66	45 000 ..	9 157 87	464 51	653 69	50 000 73	
Geneseo.....	260 000	30 200	19 000	309 200	3 806 45	45 000 ..	.....	572 ..	89 38	49 487 83
New Paltz.....	200 000	8 234	11 569	219 803	2 975 74	36 000 ..	25 000 ..	846 64	1 446 83	66 269 21	
Oneonta.....	225 000	31 000	20 834	276 834	215 38	41 818 25	4 046 71	200 ..	2 500 ..	48 780 34	
Oswego.....	125 000	11 000	12 000	144 000	.....	38 600 58	1 499 92	155 70	.....	40 256 20
Platasburg.....	145 000	.....	8 750	164 750	.....	33 144 61	1 689 89	.....	.....	34 834 50
Potsdam.....	261 000	28 700	24 500	314 200	4 246 20	42 000 ..	6 000 ..	.....	.....	52 246 20
Total.....	\$2 309 080	\$178 184	\$169 411	\$2 656 685	\$24 660 01	\$382 879 10	\$63 224 36	\$3 385 74	\$4 764 52	\$478 913 73	

TABLE 2 (concluded)
 Normal schools — Financial statement from reports of local boards for the year ending July 31, 1909

SCHOOL	Teachers' salaries	Library, textbooks and apparatus	Salaries of janitors and engineers	Repairs of buildings and improvements of grounds	Other expenses	Balance July 31, 1909	Total
Brockport.....	\$26 780 ..	\$865 71	\$3 160 ..	\$931 21	\$4 933 47	.....	\$36 700 39
Buffalo.....	24 300 ..	767 28	500 ..	2 860 82	5 911 40	.....	34 639 60
Cortland.....	33 560 ..	2 338 36	1 491 66	7 267 20	5 434 83	\$15 036 69	65 118 53
Fredonia.....	27 595 ..	948 09	1 139 92	10 566 86	5 741 53	4 599 33	50 600 73
Geneseo.....	31 010 ..	635 30	1 500 ..	1 836 98	7 737 12	7 049 43	49 467 83
New Paltz.....	26 165 ..	12 376 40	1 000 ..	12 312 95	9 089 97	5 325 89	66 289 21
Oneonta.....	35 580 ..	999 66	1 650 ..	3 343 94	6 934 16	272 58	48 750 34
Owego.....	28 745 ..	1 393 37	1 254 ..	1 481 17	7 342 66	.....	40 286 20
Plattsburg.....	26 850 ..	558 62	1 520 ..	1 689 89	4 216 99	.....	34 834 50
Potsdam.....	31 885 ..	1 500 ..	1 503 99	2 756 24	8 318 01	6 253 96	52 246 20
Total.....	\$292 460 ..	\$22 361 78	\$15 059 57	\$44 815 26	\$65 659 24	\$38 537 88	\$478 913 73

Brockport

LOCAL BOARD

Alfred M. White, of Brockport, was appointed a member of the local board by Commissioner Draper in June 1908, in place of Wilson H. Moore, deceased. Mr White took his seat as a member of the board on the twenty-third of June aforesaid. There are no other changes. The following comprise the board as at present constituted: John D. Burns, president; Daniel Holmes, secretary and treasurer; Elijah C. Chriswell; Thomas H. Dobson; George B. Harmon; Edward Harrison; Henry Harrison; Alfred M. White and Henry S. Madden.

FACULTY

The following changes have taken place during the current year:

On September 19, 1908, the following appointments were made: Miss Alletta C. Edwards was appointed assistant in English, in place of Miss Louise Glennie, resigned; Miss Effie M. Wilson was appointed teacher of vocal music in place of Miss Edith Sharpe, resigned; Miss Florence I. Blades was appointed critic of the fourth grade in place of Miss Elta Loomis, resigned; Miss Lucy N. Tomkins was appointed critic of the third grade, in place of Miss J. Florence Gilliland, resigned; Miss Lilian L. Crafts was appointed critic of grade 2; the term of each appointee to commence at the beginning of the succeeding school year. On January 16th, 1909, the resignation of Miss Jane A. Barnard, teacher in the domestic science and art department was received, and on recommendation of the principal, Miss Margaret L. Barnard was elected to the same position. On the fifth of February, Charles Fleetwood, rated on the salary list a laborer, resigned, and Daniel C. Himes was chosen for the same position. On the 28th day of February, 1909, the resignation of Miss Hannah V. Harding, critic in grade 6, was accepted by the board. On the second of April, the resignation of Miss Lois B. White, assistant teacher of science, was received and accepted to take effect at the close of the current school year. On the seventh day of May, the resignation of Misses Mary F. Coble, Ruth E. Russum, and Effie M. Wilson, were received and accepted to take effect at the end of the school year. On the 18th day of August, the following appointments were made by the local board for the ensuing school year: Miss Nina M. Gage, as assistant teacher of science; Miss Eleanor

B. Forman, as critic of grade 4; Miss Caroline E. Blodgett, as teacher of music; Miss Catherine Cavanaugh, as critic of grade 8; Miss Nellie A. Lewis, as teacher of French and German

Each appointment has been approved by the Department.

The following is a list of the faculty, with their positions: C. T. McFarlane, principal and pedagogy; William H. Lennon, science; Charles D. Seely, Latin and Greek; William L. Vosburgh, mathematics; Fred A. Belland, physical culture and manual training; Miss Mary P. Rhoades, preceptress and English; Miss Sara A. Saunders, superintendent training department; Miss Flora C. Willsea, German and history; Miss Ermina Tucker, elocution and physical training; Miss Alletta C. Edwards, assistant in English; Miss Elizabeth F. Palmer, drawing; Miss Nellie A. Lewis, French and assistant in German; Miss Caroline E. Blodgett, music; Miss Ruth K. Todd, assistant in Latin and history; Miss Nina M. Gage, assistant in science; Miss Margaret Barnard, domestic science and art; Miss Catherine Cavanaugh, critic grade 8; Miss Mabel W. Vanderhoof, critic grade 7; Miss Florence I. Blades, critic grade 6; Miss Mabel Wombough, critic grade 5; Miss Eleanor B. Forman, critic grade 4; Miss Lucy N. Tomkins, critic grade 3; Miss Lilian L. Crafts, critic grade 2; Miss Amy F. Arey, critic grade 1; Miss S. Janette Reynolds, library science.

OTHER EMPLOYEES

Miss Helen E. Kirby, clerk; Silas H. Holbrook, janitor; William P. Elwell, engineer; Daniel E. Himes, laborer; Daniel Holmes, secretary and treasurer.

GRADUATES

Normal department

Classical course

Lucy May Breckenridge, Clarkson
Violette Hale Hornsby, Clarkson

Bertha May Knapp, Manchester
Beatrice Winne, Brockport

Two year professional course

Phila Estella Babcock, Albion
Catherine Anne Barrett, Pittsford
Sarah M. Blott, Albion
Golda Mae Dalrymple, Sinclairville
Margaret Daisy Dee, Brockport
Edith Adelle Deming, South Greece
Elizabeth Augusta Ellis, Dundee
Dorothy Alice Giddings, Savannah
Alice May Gilman, Manchester
Maud Sarah Hale, Palmyra
Florence Fannie Hunt, New Berlin
Ethel May Hutton, Chili Station
Bertha Ada Kelley, Newark
Beatrice Franc La Salle, 33 Upton Park,
Rochester
Julia Aloysia Lavery, 113 University
ave., Rochester

Grace Evangelina Leavens, Albion
Linna May Lincoln, Spring Lake
Carrie Alberta Little, Argusville
Arlena Mae Lockwood, Monterey
Clare Emily Mason, Spencerport
Dora Lee McGurk, Shortsville
Helen Ruth Ottley, Phelps
Frank Mark Post, Lockport
May Louise Rogers, Spencerport
James Henry Rowe, Holley
Helen Laing Scribner, Victor
Anna Whitney Smith, Savannah
Elsie Anna Stewart, Holley
Pauline Vail, Geneva
Nellie Awilda Vosburgh, Canajoharie
Alice Ruth Waldner, Medina
Amy Walker, Lockport

*High school department***Normal preparatory**

Ethel B. Corbett, Brockport
Ina Leonette Root, Brockport

Ruth Harriet Millener, Brockport

College preparatory

Ephraim Clarence Crippen, Brockport
Robert Ray McCormick, Clarkson

Sherman Merritt Smith, Clarkson
Jean Rose Stewart, Brockport

Buffalo

LOCAL BOARD

No change has occurred in the local board since the last report. The members of the local board and its organization are as follows: Edward H. Butler, president; Henry W. Hill, secretary and treasurer; Henry Lapp; Charles W. Goodyear; Stephen M. Clement; Robert L. Fryer; George A. Davis.

FACULTY

The faculty during the past year has been as follows: James M. Cassety Ph.D., principal; Mark M. Maycock, Pd.M., drawing and physical geography; Marcus A. G. Meads, mathematics and logic; Irving P. Bishop, nature study and science; Joseph Mischka, vocal music; Mark E. Reed, assistant in drawing and library; Gertrude M. Bacon, supervisor of teaching; Isabella Gibson, history of education and records; Helen L. Dunston, civics, school law and English; Lucy C. Mott, mathematics; Grace Viele, rhetoric, composition and ancient history; Maud T. Lovejoy, reading, elocution and calisthenics; Georgina E. Chamot, manual training; Susan F. Chase, psychology and English literature; Bessie L. Bishop, assistant in science department; Ida L. Kempke, grammar and English; Louise M. Cassety, principal kindergarten department; Ernina S. Smith, assistant kindergarten department; Mary E. Janes, assistant kindergarten department.

TRAINING DEPARTMENT

The teachers in the training department or school of practice during the past year and its organization are as follows: Edith L. Huson, superintendent of school of practice in charge of grade 9; Carrie Benson, assistant superintendent of school of practice in charge of grade 4; Mary P. Fowler, critic in grade 8; Annie E. Davies, critic in grade 7; Lillian W. Walker, critic in grade 6; Margie P. Shuman, critic in grade 5; Ella M. Smith, critic in grade 3; Teresa Roeschler, critic in grade 2; Ernina S. Smith, critic in grade 1.

RESIGNATION OF PRINCIPAL CASSETY

Principal James M. Cassety resigned as principal of the State Normal School at Buffalo, to take effect August 1, 1909, and thereafter Mr Daniel Upton was nominated for the position of principal of the State Normal School at Buffalo and his nomination was approved and confirmed by the Hon. Andrew S. Draper, State Commissioner of Education, on July 30, 1909.

Mr Edward P. Cassety resigned his position as secretary to the principal, to take effect on August 1, 1909 and thereafter the name of Dean R. Hill was presented by the board of managers, with the approval of Mr Daniel Upton, principal of the State Normal School at Buffalo, and his appointment as secretary to the principal of the State Normal School at Buffalo was approved by the State Commissioner of Education on August 10, 1909.

The resignation of Dr James M. Cassety, who had been the principal of the State Normal School at Buffalo for 25 years, was received by this board with deep regret. An effort was made to persuade Dr Cassety to postpone the period of his retirement from the service of the State in that capacity. When it became known, however, that his decision was not to be delayed and was final, proper action was taken to put on record a due appreciation of his long and excellent service at the head of the school.

Dr Cassety was at once a highly accomplished instructor in the special field for which normal schools are created, but he was in addition endowed with the faculties of the able man of business. All the books and records of the school were kept with faultless accuracy. The accounts were never out of balance. He gave his whole mind and heart and time to the duties of his position. It satisfied his ambition, it occupied his mind, it engaged his attention and he gave the best of himself without stint to the welfare of the institution. He knew all the students by name. He was interested in their advancement after leaving the school. His large experience before coming to Buffalo had taught him the needs of those who are to make teaching their profession and he met that need to a degree that is unusual in schools devoted to the training of teachers.

His own profound mastery in mathematics led him to feel the need of a thorough grounding in essentials as the true base of all excellence in teaching, and he spared no pains to teach his students habits of accuracy, the patient acquisition of learning

and the habit of looking things squarely in the face before judgment about them. He held the teaching profession in the highest honor and imparted to those who sat at his feet the same spirit that animated himself, and the effect of his teaching has made the graduates of the Buffalo Normal School notable among teachers for their high estimate of the profession, their appreciation of its value, especially in a free country where education is one of the sheet-anchors of the security of the State. He thus, as it were, marked his graduates so that everywhere they have borne excellent reputation for knowledge of their profession and at the same time for enthusiasm in its pursuit.

No other school has been more successful than his in the placing of teachers in positions as soon as they were ready and fit for their tasks. It had become understood that his graduates were at least thoroughly trained and knew their business. And thus from year to year he led his corps of young people to an equipment that gave the school so fine a reputation as to draw students from every state in the Union and even from some foreign countries.

The board of trustees of the school feel that this tribute to Dr Cassety's career and his personal worth is but a feeble statement in comparison with his merits but it is added to this report with the feeling that, if it is less than his due, it is at least a sincere expression of the feeling of every member of the board and especially of those who were longest in contact with him in an official capacity.

GRADUATES, JANUARY 26, 1909

Classical course

Margaret Conley, Barker

Francis D. Leopold, Buffalo

*English course*Louisa Menge, Buffalo
Catherine J. Ryan, Sloan

Cora Belle Treat, Tonawanda

Normal course

Martha Anderson, Akron
Mabel D. Austin, Gowanda
Lulu L. Barker, Niobe
Annie Mary Bryan, Salamanca
Grace Florence Conrad, Frankfort
Julia Ida Conrad, Frankfort
Eunice Elderkin Crocker, Stafford
Jennie F. Dick, East Aurora
Viola E. Donatelli, Delevan
Elizabeth M. Forbes, Niagara Falls
Marguerite Veronica Groves, Port Chester
Katherine Lucille Keleher, Port Chester
Kathryn M. Kooman, Buffalo

Charlotte M. Kraemer, Buffalo
Gertrude E. Lapp, Williamsville
Emma C. Nalor, Williamsville
Adelaide Carolyn Ott, Lancaster
Helena Louise Peckes, Buffalo
Helen Louise Pollard, Buffalo
Edna P. Prince, Buffalo
Emma Baker Renagel, Eden Center
Hattie E. Smith, Naples
Emogene Phoebe Stiles, Corfu
Lillian E. Upson, Orchard Park
Lillian I. Veness, Millers
Edith Wells, Gowanda

Primary and kindergarten course

Gertrude A. Adelman, Buffalo
Gertrude Roberta Davies, Buffalo

Edna Lena Hankinson, Sinclairville
Clara M. Kiefer, Buffalo

GRADUATES, JUNE 22, 1909

Classical course

Pearle Marie Veness, Millers

English course

Genevieve Amy Dayton, Collins Center

Freida Carolyn Nuese, Buffalo

Normal course

Cathryn O. S. Atkinson, Buffalo
Clarinda Evelyn Avery, Buffalo
Marie Louise Barber, Olean
Helen Elizabeth Bivins, Buffalo
Caroline M. Bouwhuis, Buffalo
Charlotte Viola Boysen, Buffalo
Nellie M. Brainard, Ellington
Frances M. Brooks, Wayland
Augusta M. Campbell, Batavia
Juvenilia Caseman, Buffalo
Lillian Chilcott, Buffalo
Bessie Chretien, Buffalo
Olive Coffed, Depew
Mary Alice Condren, Gasport
Marie Clara Dahlman, Buffalo
Florence Burwell Deihl, Buffalo
Kate Duncan, Buffalo
Elizabeth Barton Durkee, Buffalo
Elizabeth Perpetua Dwyer, Painted Post
Edith E. Eldred, Akron
Katherine H. Elton, Palmyra
Edna M. Gates, Buffalo
Florence Isabelle Gaudy, Port Jervis
Kathryn G. Gavin, Buffalo
Agnes Anastasia Gerrity, Lockport
Elsie J. Grant, Buffalo
Morna E. Hall, Akron
Rose A. Hartwick, Tonawanda
Bernice B. Hatch, Delevan
Flora J. Hauck, Hamburg
Mabelle Allene Heath, Hamburg
Adelia A. Heitman, Buffalo
Marie Irene Holahan, Barker
Ruth Holly, Westfield
Teresa V. Horsch, Batavia
Ethel Alice Hoschke, Niagara Falls
Alice Maud Humphrey, Ransomville
Florence Frances Johnston, Buffalo
Winnifred Lorena Keeler, Union
Ada May Kidder, Buffalo
Alice A. King, Buffalo

Barbara Mary Kohn, North Collins
Florence M. Kuster, East Aurora
Florence Chase Lamb, Buffalo
Catherine Louise Lane, Buffalo
Pearle Ethel Lennox, Collins Center
Mabelle Adel Lewis, Savona
Mary Elizabeth Lynch, Buffalo
Alice Sadie McArthur, Williamsville
Hazel Bernice Mandaville, Lockport
Marguerite Martin, Buffalo
Mabel Lucille Mason, Varysburg
Helena Stockton Mead, Buffalo
Millie Cornelia Metcalf, Rushford
Jennie B. Minns, Buffalo
Ida May Morton, Attica
Mary Josephine Nelligan, Buffalo
Anna Elizabeth Quinn, North Collins
Louise Frances Rees, Lockport
Myra Florence Richardson, Orchard Park
Mary G. Rothballe, Buffalo
Lily Frances Rush, Niagara Falls
Hattie E. Schwert, Buffalo
Matilda Pauline Seidhoff, Lockport
Mabelle Rose Sharick, Darien Center
Mary Lois Simons, Bliss
Nettie Monica Skimin, Niagara Falls
Gertrude Margaret Slatestone, Buffalo
Grace M. Smith, Wilson
Jessie Maud Smith, Ransomville
Mina Alta Smith, Buffalo
Rachael Jane Smith, Corfu
Anna Mary Speidel, Buffalo
Edith Elmerta Stringer, Buffalo
Madaline C. Taylor, Westfield
Ethel Mae Torrance, Buffalo
Edith E. Washburne, Pulteney
Gladys R. Whiting, Buffalo
Ada Louise Whitney, Holland
Jennie Edith Willet, Orchard Park
Lena Mary Wulff, Ellicottville
Lauretta M. Wyman, Buffalo

Primary and kindergarten course

Irene Frances Durk, Niagara Falls
Jane Elizabeth Joslin, Camden

Elsie Hattie Newman, Poland

Cortland

LOCAL BOARD

William H. Clark, chairman; Theodore H. Wickwire, secretary;
Lawrence J. Fitzgerald, treasurer; Hugh Duffy; Orris U. Kellogg;
Israel T. Deyo; James M. Gilbert; John W. Suggett.

FACULTY

Louis F. Snow Ph.D., who was appointed a member of the faculty in September 1908, after one year of most satisfactory service was called to the deanship of the department of education of the University of Kentucky and, therefore, tendered his resignation to take effect at the close of the school year.

Principal Ulysses F. Axtell of Tuxedo Park was appointed to fill the place thus made vacant. Mr Axtell has had several years' experience in public school work. He is a graduate of Colgate University and comes to us well recommended. Lotta L. Stiles, who for three years had held the position of critic and model teacher in our primary department, resigned at the close of the school year. Her resignation was accepted and Alice C. Gifford, a graduate of Bridgewater Normal School and Wellesley College, was appointed to the position. Emily C. Ormsby, critic and model teacher in the primary department, on account of ill health requested a year's leave of absence without pay. Because of Miss Ormsby's long and faithful service this request was readily granted and her place was filled by the appointment of Jean Y. Ayer, a graduate of Bridgewater (Mass.) Normal School. Miss Ayer has had large and successful experience in the public schools of the State of New York. Owing to the reorganization of the courses of the normal school and the addition of a kindergarten department, Minnie M. Alger's work in music had grown to such an extent that it was deemed advisable to give her an assistant. For this position Jenny L. Robinson, a graduate of the Cortland Normal School and Syracuse University, was selected.

Owing to the above changes the faculty for the coming year is as follows: Francis J. Cheney A.M. Ph.D., principal; William A. Cornish A.B, mathematics and arithmetic methods; Charles B. Robinson A.B. A.M., methods and superintendent of the school of practice; Leyton S. Hawkins A.B., science and science methods; R. Elliott Owens A.B., Latin, Greek and Latin methods; Daniel R. Campbell A.B., assistant in science; Ulysses F. Axtell A.B., logic, elocution and literature methods; Clara E. Booth, German; Helen M. Goodhue, drawing; Caroline M. C. Hawkins A.B., Latin, English and grammar methods; Minnie M. Alger, music and music methods; Mary W. Butler, physical training and methods; Agnes Orr-Carson, French; Harriet Day A.B., high school English; M. Elizabeth Mason Ph.B., history, civics and methods of American history; Mary A. Lattimer, manual training; Emma J. Davies, assistant in physical training; George O. Moore A.B., principal and

critic intermediate department; Ella Gale, critic and model teacher intermediate department; Katherine E. Moran, critic and model teacher intermediate department; Jenny L. Robinson, critic and model teacher intermediate department; Ella M. Van Hoesen, principal and critic primary department; Lela E. Wilson, critic and model teacher primary department; Jean Y. Ayer, critic and model teacher primary department; Alice C. Gifford, critic and model teacher primary department; Ellen C. Lombard, principal kindergarten department; Bertha L. Hill, assistant kindergartener; Edith F. Rainey, stenographer and confidential clerk.

GRADUATES

Classical course

Liona J. Beebe, Alpine
Helen Jennie Bowker, Homer
Margaret Ruth Bull, Cortland
Erwin W. Cole, Freeville
Maude T. Costello, Cortland
Myra Emeline Dudley, Maine
Ruth L. Egan, Stephenstown
Ellen Gallagher, Myers
Edna Constance Glover, Cortland
Grace A. Howard, Cortland

Eva Lindsey, Dryden
Elmer A. McAllister, Cortland
Mabel Blanche Miller, Cortland
Cecile J. Mott, Cortland
Lena Emeline Spencer, Blodgett Mills
Senora A. P. Stedman, Cortland
Laura Lydia Strowbridge, Cortland
Juna Tillotson, Hartford
Ruth A. Tyler, Homer
Maud Wells, Freeville

English course

Maud Mae Ames, Binghamton
William Kirk Patrick, Cuyler

Robert E. Shea, Fabius
Fannie Elizabeth Sheakley, Cortland

Professional course

Louise Alden Adams, Slingerlands
Aimee D. Arnold, Seneca Falls
Helen Marie Billings, Earlville
Florence May Bosworth, Truxton
Florence Olive Bradley, Binghamton
Grace Breadon, Cuba
Edward J. Buckley, Cortland
Margaret E. Bump, Cortland
Margaret May Burke, Jamesville
Elizabeth V. Caveney, Ithaca
Agnes Belle Chandler, Pitcher
Alpha F. Clark, Ensenore
Georgia Avis Coleman, Trumansburg
E. Gertrude Comerford, Truxton
Agnes B. Connelly, Lisle
Minnie Lena Conrad, Cortland
Helena M. Cooper, Elmira
Florence M. Doolittle, Cortland
Frances E. Duffy, Clinton
Jeanette England, Palatine Bridge
Ernie Florine Epley, Port Chester
Minnie Coleman Esten, Tioga Center
Maud Amy Evans, Norwich
Bertha May Ferris, Atwater
Grace Mary Garfield, Binghamton
Nina I. Gaston, Etna
Wilhelmina Gerard, Elmira
Minnie W. Gilmore, Cato
Lillian Veronica Ging, Greenport
Agnes Kathryn Grace, Binghamton
Florence Elizabeth Groff, Fort Plain
Ada Belle Hamilton, Cayuga
Anna Josephine Hanly, Clinton
Clifford L. Harding, Breesport

Dorothy C. Heffernan, Moravia
Jane Stevens Higham, Rome
Elsie Belle Hillis, Binghamton
Ella A. Horton, Walworth
Libbie Aletta Howard, Sherburne
Grace A. Howell, Riverhead
Vedah Maud Howland, Homer
Cora Jane Humphrey, Rome
Grace E. Huntington, Baldwinsville
Phebe C. Hurlburt, Cohocton
Bernice A. Jakway, Cato
Nena May Jones, Norway
Winifred Belle Kellogg, Brewerton
Georgian F. Lason, Homer
Jennie A. Loomis, Hubbardville
Edna L. Lotridge, Cincinnati
Josephine W. Lynch, Cortland
Marguerite Alice Lynch, Utica
Marie K. Lynch, Owego
Mary A. Lyons, Cortland
Anna P. Mack, Marathon
Mary Electa Mason, Manlius
Eugenie Celestia Maybury, McGraw
Kate Maycumber, Cortland
Wilma F. McDowell, Savona
Mary E. Meagher, Kirkville
Frances R. Miles, Greenport
Harriet J. Monks, Big Flats
Lillian Lucie Monks, Big Flats
Edith Elizabeth Monson, Deposit
Nellie E. Morse, Levanna
Adah M. E. Newton, Cortland
Mary Elizabeth Niver, McGraw
Caroline Louisa Oakes, McGraw

Ella Louise O'Connell, Earlville
 Florence C. O'Neill, Binghamton
 Charles Henry Owen, Burdett
 Bonnylin Padgett, Cuyler
 Hazel R. Peck, Cortland
 Florence E. Pidge, Baldwinville
 Anna E. Preston, De Ruyter
 Ellen A. Quinn, Cuba
 May Esther Riley, Cortland
 Linnie E. Robbins, Cortland
 Mabel Genevieve Robson, Rome
 Sarah Jane Roethig, Cortland
 Nina Rose Rowe, McGraw
 Mary Agnes Ryan, Jamesville
 Rosa Genevieve Ryan, Cortland
 Cora M. Sager, Spencer
 M. Geneva Sexton, Utica

Mary Elizabeth Smith, Freeville
 Maude A. Smith, Bath
 Stella Agnes Stark, Greenport
 Agnes E. Sweeney, Ceylon
 Lillian A. Tracy, Tully
 Florence Jane Travis, Hale Eddy
 Florence E. Tucker, Homer
 Elsie M. Van Duyn, Moravia
 Ethel Irene Walrath, Fayetteville
 Daisy W. Whiting, Jordan
 Isabelle M. Whitmore, Cortland
 Lola Agnes Wildman, McGraw
 Mabel E. Williams, Ithaca
 Martha T. Wilson, Valois
 Minnie B. Wood, Ogdensburg
 Lucy C. Woodburn, Canajoharie

Primary-kindergarten course

Jessie Bartholomew, Cortland
 Maude E. Colby, Owego

Charlotta A. Herring, Gloversville

Kindergarten course

Sarah G. Armstrong, Cortland
 Julia F. Burns, Watertown
 Helen J. Burroughs, Seneca Falls
 Nellie E. Darlington, Rome
 Irene Elizabeth Erhardt, Rome
 Florence Louise Goodrich, Dryden
 Anna C. Gudmundsen, Ithaca
 Maud Winifred Hankins, Binghamton

Mary Elizabeth Hogan, Oxford
 Ethel M. Hogg, Franklinville
 Dora Angeline Holmes, Apalachin
 Marie Elizabeth McLean, Rome
 Lucia F. E. Sherman, Pompey
 Clara M. Stull, Binghamton
 Edith I. White, Syracuse

High school course

William C. Allard, Cortland
 Christa M. Alley, Groton
 Albert J. Bartholomew, Cortland
 Elsie M. Burt, Blodgett Mill
 Frances Butler, Cortland
 Helen Clark, Cortland
 Ethel M. Cummings, Preble

Louise Woodburn Duffy, Cortland
 Lavinia K. Haynes, Preble
 William S. Hernon, Cortland
 James Edward Lanigan, Cortland
 Harry A. Mason, McLean
 Gerald Dayton Peet, Cortland
 Morris G. Shepard, Cortland

Fredonia

LOCAL BOARD

Samuel H. Albro Ph.D., president; Howard M. Clarke, secretary and treasurer; Samuel C. Crandall; W. A. Holcomb; William S. Stearns.

FACULTY

At the close of the school year 1908-9, Miss Grace McKinstry, teacher of French and German, was granted leave of absence for one year by the board, which action was subsequently approved by the Department. The board also received, at the close of the last school year, the resignation of Mr Glenn W. Woodin, teacher of history. On June 12 Miss Mina L. Nitschke was elected by the board to teach French and German for one year to cover period of leave of absence granted to Miss McKinstry. On July 27 Miss Rachel M. Jarrold was elected teacher of history. Both elections were subsequently approved by the Department.

The faculty for the coming year is as follows:

Myron T. Dana Ph.B. Pd.D., principal, pedagogy; Andrew Y. Freeman, superintendent of practice; Franklin N. Jewett A.M., sciences; Homer L. Holcomb A.B., ancient languages; George G. McEwen A.M. Pd.B., mathematics; John L. Dahl A.B., assistant in sciences; Anna McLaury B.S. Ph.M., English; Grace McKinstry B.S. A.M., modern languages; Julia J. Shepard, drawing and Manual training; Edna Fuller, director of physical training; Carrie L. Record, primary methods and principal of junior department; Jessie E. Hillman, instrumental music; Edith N. Curtis, assistant in drawing and manual training; Margaret H. Start, vocal music; Mina L. Nitschke A.B., French and German; Rachel M. Jarrold A.M., history; Julia D. Sherman, principal of senior department; Jennie M. Merrill, criticism and model teaching; Clara M. Dailey, criticism and model teaching; Harriet E. Putnam, criticism and model teaching; Laura E. Treadway, criticism and model teaching; Frances H. Killen, criticism and model teaching; Jessamine Ellison, criticism and model teaching; Ethel L. Kilts, criticism and model teaching; Edith Graves, supervisor of kindergarten; Ama L. Lester, director of kindergarten; Clara A. Ross, principal's clerk.

GRADUATES

Professional course

Agnes Francis Adams, Forestville	Alice M. Oberg, Frewsburg
Esther Elizabeth Clark, Jamestown	Nina Belle Oehser, Dunkirk
Grace May Cookingham, Cherry Creek	Josephine Ogniben, Fredonia
Erle Edward Crane, Portland	Florence C. Parker, Mayville
Margaret W. Crane, Dunkirk	Florence Ellen Parsons, Dunkirk
Rose J. Harley, Frewsburg	Alice McClanathan Rolph, Fredonia
Hilda Morse Hequeubourg, Dunkirk	Genevieve Anna Ryan, Steamburg
Winifred Ingersoll, South Dayton	Corabel Shannon, Perrysburg
Neva Tracy Kingsley, Falconer	Mildred R. Shenfield, Knapps Creek
Sadie E. Markham, Dunkirk	Jessie Caroline Sullivan, Brocton
Gertrude Matters, Dunkirk	Mary Thornton, Frewsburg
Dora Bladell Merrill, Dayton	A. Ella Williams, Verona Mills
Edith B. Nason, Portland	Julia E. Winchester, Fredonia
Mabel M. Newlove, North East	Laura Dysa Worster, North East

Kindergarten course

Mabel Harriett Jackett, South Dayton	Laura Beatrice Schwartz, Youngstown
Olive Helen Lovell, Fredonia	

Normal preparatory course

Dorothy Lampert Beebe, Fredonia	Ellen May Shero, Fredonia
Harvey M. Harrington, Frewsburg	

College preparatory course

Flora Edith Benjamin, Fredonia	Lawrence David Johnson, Fredonia
Clara Durlin Dana, Fredonia	Edith Smith, Fredonia
Ruth Eleanor Flanklin, Fredonia	James A. Valone, Fredonia
Ethel Adelaide Gould, Fredonia	

Piano music course

Maude Baumgartner, Dunkirk
 Hildegard Bohn, Dunkirk
 Sidney E. Clark, Fredonia
 Susan K. Dieffenbach, Dunkirk
 Suzette Flagler, Westfield

Frances Loomis Knight, Westfield
 Florence C. Parker, Mayville
 Mildred Rogger, Dunkirk
 Jesse McLean Sidey, Dunkirk

Geneseo**LOCAL BOARD**

Since the last report John R. Strange resigned from the local board and his place was filled by Frank K. Cook. The membership of the board is now as follows:

William A. Brodie, president; Lockwood R. Doty, secretary; Lloyd W. Crossett, treasurer; James W. Wadsworth; William A. Wadsworth; Frank K. Cook; George B. Adams; Walter E. Lauderdale; Otto Kelsey.

FACULTY

Mr Bailey was excused during the first half of the year in order to complete his course at Syracuse University and his place was filled during that time by Joseph L. Briggs jr. Miss Rebecca S. Knight resigned about the first of March to take a position in the Bellingham Normal School, Bellingham, Wash., and her work was finished by Miss Harriet Bushnell. The following is the faculty for 1908-9.

James V. Sturges M.A., principal, didactics; Frank E. Welles Ph.D., vice principal, Latin and Greek; W. Fowler Bucke Ph.D., principal of training school and pedagogy; Charles J. Campbell B.A., science; Reuben L. Countryman, mathematics; Guy A. Bailey, biology; Byron S. Whitney, physical training; Lydia I. Jones Ph.B., methods; Ida M. Mendenhall M.A., methods; Christabel Abbott Ph.B., English and expression; Annie O. Collins B.A., English; Alfaretta L. Curry, vocal music; Mary E. Day, drawing; Emeline S. Curtiss, history; Emily A. Beseler, French and German; Cassandra Harmon, physical training; Georgia H. Reeve, principal intermediate department and methods; M. Louise Russell, principal primary department and methods; Elizabeth J. Burlingame, criticism and model teaching; Rebecca S. Knight, criticism and model teaching; Florence P. Tuttle, criticism and model teaching; Grace Frechette, criticism and model teaching; Anna J. Gannett, criticism and model teaching; Mary H. Knight, criticism and model teaching; May E. Lanpher, criticism and model teaching; Mary E. Wilcox, criticism and model teaching; Maude Bussing, kindergarten; Mary A. Thompson, assistant in kindergarten; Anna D. Beitzel B. Pd., secretary.

GRADUATES

Professional course

Bessie Gregg Abbey, East Bloomfield
 Ethel Armstrong, Savona
 Mabel F. Barrett, Castile
 Sara Jay Beattie, Goshen
 Ellen Shaw Bell, Westmoreland
 M. Alleyne Benson, Rushford
 Sylvia M. Bickle, Oakfield
 Jessie May Blake, Arkport
 Louisa A. Boyer, Coudersport, Pa.
 Jane M. Brownell, Caledonia
 Edna H. Brundage, Bath
 M. Magdalene Carmody, Belfast
 Grace Ella Charles, South Wales
 Wilhelmina May Clark, Penn Yan
 E. Genevieve Connors, Belfast
 Lewis W. Crawford, Cameron Mills
 Frances Harriette Curry, Phelps
 Katherine Josephine Daley, Angelica
 Helen De Sales Darcy, Rochester
 Mary Edith Dennis, Bradford, Pa.
 Margaret Louise Donahue, Geneva
 Mary Caroline Durkan, Watertown
 Claribel Emily Dutcher, Naples
 Grace F. Eggersdorf, Mt Morris
 Nora B. Evans, Angelica
 Helen M. Ferry, Almond
 Leora Edna Foster, Baldwinsville
 Mae A. Fowler, Avon
 Marguerite Fox, New Rochelle
 Cornelia L. Fraser, Alexander
 Inez Elizabeth Garratt, Naples
 Mary Mae Green, Tuscarora
 Bessie Maude Hall, New Rochelle
 Nina G. Hammond, Angelica
 Maude Kentfield Hanlon, Caledonia
 Mabel Esther Hart, Olean
 Harriett J. Haviland, Rushville

Minerva May Hoag, Poughkeepsie
 Adda Hockenbery, Bradford, Pa.
 Alice Nolasco Hughes, Rochester
 Carrie L. Jamison, Canisteo
 Dora Annabel Kellerman, Blanchester, O.
 Rhea C. Kittell, Baldwinsville
 Bertha Kyle, Mt Morris
 Sarah Claudine Law, Morris
 Iva Mac Link, Mt Morris
 Mary Belle Leete, East Bloomfield
 Evelyn MacAlpin, Bradford, Pa.
 Mary Idella McFarland, Farmersville Sta-
 tion
 Helen Fuller Mason, Hamburg
 Isabelle H. Mason, Hornell
 Winifred Merrill, Rushford
 Mabel Evelyn Monroe, New Rochelle
 Minnie Moran, Olean
 Lena E. Morsheimer, Lyons
 Millie Olmstead, Livonia
 Maud E. R. Phalen, Penn Yan
 Etta May Plummer, Lyndonville
 Cornelius D. Regan, Wellsville
 Teresa Ryan, Mt Morris
 Mary Van Santvoord Sanford, Kendall
 Bertha Estelle Semans, Naples
 Ida Marie Semans, Naples
 Bertha L. Shafer, Cohocton
 Clara F. Sinclair, Caledonia
 Edith Vivian Teets, Hornell
 Lois Louise Tripp, Avon
 Pearl A. Tripp, Oakfield
 Mabel E. Van Orsdale, Mt Morris
 Hazel Ward, Mumford
 Irene Ward, Livonia
 Mary Alice Whalen, Clyde
 Grace Austin Wixom, Hammondsport

Classical course

Earl W. Bennett, Groveland
 Frances A. Brown, Geneseo
 Raymond Arthur Brown, Geneseo
 Julia E. Cahill, Geneseo
 Richard T. Costello, Geneseo
 Austin William Erwin, Geneseo

Wright R. Henty, Avon
 Herbert G. Honeywell, Geneseo
 E. Ola Miller, York
 Elmina Curtice Robinson, Geneseo
 Alice H. Sampson, Geneseo
 Marie L. Schueler, Geneseo

English course

Ruth Elizabeth Jackman, Atlanta
 Mary E. Totten, Geneseo

Mary E. Wheeler, Geneseo

Primary-kindergarten course

Alice J. Bryan, Savona
 Mary E. Coddington, Geneseo
 Edith Margaret MacEwen, Leroy
 Maude O'C. McGrath, Rochester

Sadie E. Morse, Rochester
 Bessie Frances Rhodes, Palenville
 Bertha A. Rogers, Castile
 Lillian S. Ward, New Rochelle

New Paltz

LOCAL BOARD

Albert K. Smiley, president; Alton B. Parker; Jacob D. Wurts;
 Josiah J. Hasbrouck, treasurer; John Schmid, secretary; Charles M.
 Harcourt; G. D. B. Hasbrouck; Daniel Smiley; Frank J. LeFevre.

The year has been important in the history of the school, marking as it does, the completion of the new building and the consequent reorganization of the school. The new building is well adapted to meet the needs of the school, while the work of the school has been so planned as to make the most of the building. Some radical changes in organization have been effected. The arbitrary division between the primary and grammar departments has been removed, three principalships have been abolished, and all the departments of the school have been brought into close relationship. The one session day has been replaced by the two session day and the elaborate scheme of student self-government has been done away with. The course of study has been simplified, waste of time and effort is reduced, and increased efficiency results.

FACULTY

There have been a number of changes in the faculty during the year. Early in the fall Miss Burgess resigned on account of poor health, and Miss Morgan to accept a better position elsewhere. In November Doctor White passed away quite suddenly. He was a most estimable man as well as an efficient teacher, and his loss is not only that of the school but also of the profession.

The faculty for the year just closed follows: John C. Bliss A.B. Pd.D., principal; Elmer E. Arnold A.B., mathematics; Angie E. Badger, drawing supervisor; Luna E. Bigelow B.S., geography, grade supervisor; Grace V. Brown, grade supervisor; ¹Lillian M. Burgess, grade supervisor; Alix S. Cameron, drawing; Michalena Carroll, history; John B. Corcoran, manual training; Inez F. Damon, Mus.B., music; Grace M. Drake, clerk; Ida Evans, grade supervisor; Ella A. Fallon, reading, assistant in charge of practice work; William G. Fuller Ph.G., science; Kitty A. Gage A.B. A.M., Latin and French; Letitia Harris, physical director; Anna B. Herrig, general method, in charge of practice work; Maud Keator, penmanship, grade supervisor; Cora M. Littlefield, history of education, grade supervisor; ¹Anna M. Morgan, physical director; Sarah A. Nichols, domestic science; May H. Noyes, kindergarten; Charlotte E. Reeve, arithmetic, grade supervisor; Ellen E. Shaw B.S., nature study, grade supervisor; Blanche B. Shelp, assistant in training school; Margaret K. Smith Ph.D., psychology, logic and German; Alva T. Southworth A.B., English; ²William F. White A.B. A.M., mathematics.

¹ Resigned.

² Deceased.

GRADUATES

Normal course

Alfreda Anderson, Newburgh
 Martha Anderson, New Paltz
 Caridad Arteaga, Camaguey, Cuba
 Elizabeth Berney, Matteawan
 Christina C. Boyd, Newburgh
 Nona H. Brooks, Great Neck
 William S. Caffrey, Yonkers
 May G. Collins, Larchmont
 Frances M. Creighton, Gloversville
 Mollie B. Cullen, Kingston
 Sara C. Davis, High Falls
 Eva J. DeWitt, New Paltz
 Elsie DuBois, Forest Glen
 Marjorie DuBois, New Paltz
 Caroline A. DuMond, Yonkers
 Daisy M. Ellsworth, Port Ewen
 Edith M. Gaskell, Ellenville
 Katherine F. S. Glenn, Glenham
 Florence E. Gorse, Kingston
 Eupheme J. Guernsey, Yonkers
 Florence L. C. Harrison, Jamaica
 Cora C. Inman, New York
 Gladys B. Jones, Gloversville
 Lucy C. Kelly, Matteawan
 Mabel W. Krause, Yonkers
 Beatrice P. Leonard, Kingston

Maud S. Livingston, Clintondale
 Mary H. Lyman, Pelham
 Elizabeth A. McBrien, Huntington
 Mollie McKeon, Kingston
 Ruth R. Murphy, Gloversville
 Norma F. Patsells, Ellenville
 Marion E. Patten, Highland
 Mary M. Peacock, Newburgh
 Sara E. Ryan, Peekskill
 Maud C. Ryder, Monroe
 Mabel Schoonmaker, Lake Mohonk
 Ethel D. Schoppe, New York
 Edna M. Schultze, Unionville
 Hazel A. Silvernail, Poughkeepsie
 Mabel Snyder, High Falls
 Margaret K. Stewart, Newburgh
 Arrietta Stilwell, New Paltz
 Mabel Talada, Rhinebeck
 Mary J. Thomas, Ovid
 Carrie Van Syckle, New Paltz
 Adele Duryee Van Wagenen, New Paltz
 Lela M. Wilkins, Yonkers
 Ola Wissing, Staatsburg
 Elizabeth V. Wynn, Rosendale
 Elizabeth Young, Newburgh

Primary-kindergarten course

Eunice M. Browning, Hyde Park
 Jennie L. Dann, Monticello

Alice M. Ford, Highland
 Bertha Given, Dumont, N. J.

Oneonta

LOCAL BOARD

The presidency of the local board of managers is made vacant by the death of William H. Morris. Mr Morris had been president since the establishment of the school in 1889, and a large part of the success of the institution has been due to his abilities, his wise counsel, and his zealous devotion. In his death the school has suffered great loss, and the members of the local board and the faculty mourn for him as a wise and able official and a warm personal friend.

The present membership of the board consists of the following gentlemen:

Henry Bull, secretary and treasurer; Walter L. Brown; James Stewart; George I. Wilber; Eugene Raymond; Willard E. Yager; George Kirkland; Frederick A. Mead; Hobart Krum; Harry W. Lee.

FACULTY

In June, Howard Lyon, for 16 years professor of science, resigned. Miss Ada K. Smith, graduate of the State Normal and Training School at Oneonta, and of Syracuse University, and a teacher with several years of experience, was appointed to the position made vacant by the resignation of Professor Lyon. In April, Miss Helen

Grant Irving, for four years critic and model teacher, resigned. Miss Sarah M. Walker, graduate of the State Normal and Training School at Brockport, with several years of experience in the schools of Yonkers, was appointed to the position made vacant by the resignation of Miss Irving. In April, Miss Florence M. Richards, for three years critic and model teacher, resigned. Miss Mabel Parsons, graduate of the State Normal and Training School at Plattsburg, with several years of experience in the schools of Yonkers, was appointed to the position made vacant by the resignation of Miss Richards. In June, Miss Bertha M. Loveland, for two years critic and model teacher resigned. Miss Katharine H. Tobey, graduate of Wellesley College and Columbia University, was appointed to the position made vacant by the resignation of Miss Loveland. In July, Miss Ida E. Bach, for one year teacher of music, resigned. Miss Elizabeth Gleason, graduate of Mount Holyoke College, was appointed to the position made vacant by the resignation of Miss Bach. In December, Miss Helen M. S. Sanborn, for 10 years teacher of elocution, resigned. Miss Lotta A. Jones, graduate of the Emerson College of Oratory, and a teacher of successful experience, was appointed to the position made vacant by the resignation of Miss Sanborn. In November, Miss Jessie M. Whallay, for two years teacher of drawing, resigned. Miss Caroline Jenkins, graduate of Syracuse University, with several years of experience in the Utica Free Academy, was appointed to the position made vacant by the resignation of Miss Whallay.

The faculty for the year 1909-10 is as follows: Percy I. Bugbee A.M., D.Sc., principal; Arthur M. Curtis B.S., mathematics and methods; Edwin F. Bacon Ph.D., modern languages; Frank D. Blodgett, A.B. A.M., logic, history and science of education; Charles A. Schumacher A.B. Ph.D., psychology and methods of literature; Ada K. Smith B.A., sciences and methods; Kate M. Denison, methods and English; Elizabeth Gleason B.A., music; Caroline Jenkins, drawing; Lotta A. Jones, reading and elocution; Florence M. Matteson B.S., history and methods; Louisa P. Hicks, physical training; Frank G. Sanford, manual training; Eliza E. Gee, principal intermediate department, model teaching and criticism; Cora H. Petit, principal primary department, model teaching and criticism; Sarah M. Walker, model teaching and criticism; Helen C. Fritts Pd.B., model teaching and criticism; Frances Alice Terrill, model teaching and criticism; Caroline D. Hurlbutt, model teaching and criticism; Katharine H. Tobey B.A. M.A., model teaching and criticism; Mabel Parsons, model teaching and criticism; Kate B. Cristman, model

teaching and criticism; Mary V. Donnellan B.A., model teaching and criticism; Jessie Scott Himes, kindergarten; Edith H. Murray, kindergarten assistant; E. May Hurlbutt, principal's clerk; Claire A. Hurlbut, special assistant.

At the Center Street School:

Addie E. Hatfield, principal; Estella Matteson, model teaching and criticism, grade 7; Anna B. Seaver, model teaching and criticism, grade 6; Mabelle M. Boynton, model teaching and criticism, grade 5; Alice L. Esmond, model teaching and criticism, grade 4; Blanche C. Fuller, model teaching and criticism, grade 3; Jennie M. Greene, model teaching and criticism, grade 2; Ellen E. Hitchcock, model teaching and criticism, grade 1.

GRADUATES 1909

Normal course

Ethel M. Alexander, Croton-on-Hudson	Ava Jenks, Oneonta
A. Louise Andrew, Corinth	Grace B. Jones, Utica
Ethel A. Atkin, Patchogue	Beulah G. Judd, Oneonta
William H. Austin, Bedford Statton	Helena F. Kelley, Hamilton
Grace L. Avery, Iliou	Anna S. Kentzel, Sandy Hill
Mary Elizabeth Baer, Oriskany	Lou Knapp, Narrowsburg
Dora L. Baker, Ballston	Ellen F. Lawler, Richfield Springs
Pearl C. Baldwin, Leonardsville	Lillian S. Lent, Mont Rose
Hazel M. Ballard, Walton	Florence E. Lewis, Pownal, Vt.
May E. Barrett, Bullville	Claude L. McCabe, Oneonta
Edward Everett Baum, Roxbury	Mary H. McCarthy, Utica
Grace B. Binley, Albany	Margaret McDougal, Walton
Marie H. Blanchet, Philmont	Ellen M. McLoughlin, Mamaroneck
H. Augusta Boardman, Essex	Marguerite M. McMahon, New Hartford
Lydia M. Brown, Stamford	Marguerite MacDuff, Schenevus
Madeline D. Bryant, Saratoga Springs	Cornelia Mackey, Gilboa
Jessie Buckmaster, Corinth	Elizabeth K. MacMillan, Schenectady
Sadie E. Butler, Sea Cliff	Hazel E. Makeley, Hensonville
Edyth Huntley Carr, Oneonta	Margaret E. Malaney, Ticonderoga
Rose Cashion, Corinth	Anna M. Malloy, Iliou
Ida Chave, Far Rockaway	Winifred M. Mayers, New Rochelle
Hallie M. Clark, Roxbury	Alice E. Miller, Oneonta
Elizabeth T. Cotter, Glens Falls	Carolyn M. Miller, Oneonta
Anna Coughlin, Kingston	Elizabeth J. Miller, Argyle
Ina B. Crosier, Salem	Alma J. Miner, West Oneonta
Grace L. Daymon, Mamaroneck	Anna B. Moon, Cooperstown
Emily Dersey, Rome	Nellie A. More, North Harpersfield
Nelle E. Dowie, Andes	Grace O. Moshier, Utica
Ethel A. Eddy, West Wardsboro, Vt.	Alice E. Munson, Windham
Anna E. Ehrenfels, Oneonta	Jessie H. Murray, Seneca Falls
Nina J. Elphick, Earlville	Marcia B. Nellis, Oneonta
Minnie L. Emmons, Worcester	Jennie E. Northup, Moriah
Marjorie M. Failey, Utica	Reba E. Owen, Remsen
Maude L. Farant, Ticonderoga	Mary A. Palmer, Delhi
Elizabeth J. Fiske, Unadilla	Myrtle E. Parker, Edmeston
Pearl E. Gage, Gilbertsville	Grace Peck, Camden
Catharine B. Garnar, Luzerne	Edith D. Peet, Laurens
Corena Pauline Garrow, Ticonderoga	Edna Earle Penney, Port Chester
Catherine N. Goodrich, East Worcester	Irene L. Pfeeger, Deerfield
Marjorie L. Goodsell, Oneonta	Emma A. Pierson, Lake Mahopac
Grace E. Groff, Schenevus	Helen T. Potter, Marcy
Clara L. Hall, Hamilton	Anna M. Rauscher, Vernon
Nellie D. Hamilton, Stamford	Mabel M. Reed, Cooperstown
Alice Haslett, Oneonta	Ellsworth H. Robinson, Center Moriches
Grace Hill, Bainbridge	Lillian M. Surdam, Hoosick Falls
Minnie R. Hoffman, Utica	Ethel Sarah Teachout, Oneonta
Ethel L. Holcomb, Glens Falls	Sadie J. Teetsell, Saugerties
Virginia M. Holmes, Walden	Lillian D. Robb, Norwich
Mary E. Hosford, Richfield Springs	Helen Rowe, Oneonta
Esther L. Hume, Port Jervis	Celia C. Royles, Utica

Maud V. Ryder, Goulds
 Janet L. Sayles, Mohawk
 Lucy M. Seltzer, Wellsville
 Margaret M. Seymour, Center Moriches
 Nellie Barber Shippy, Sandy Hill
 Iva G. Smith, Oneonta
 Mildred H. Smith, Milford
 Stephen V. Smith, Port Washington
 Golda B. Snell, Utica
 Lillian Stack, Oneonta
 Mary F. Steen, Blue Point
 Marcia F. Stewart, Norwich
 Lillian St. John, Port Jervis
 Nina Tilden, Brooklyn
 Martha B. Tobey, Walton

Mercye E. Traver, Corinth
 Mae Truman, Oneonta
 Virgil Joel Ullman, Sharon Springs
 Mary Vanwoert, Bainbridge
 Ursula L. Vogt, Utica
 Irene Walker, Utica
 Mary E. Walters, Prospect
 Martha Eliza Ward, Poultney, Vt.
 Nellie V. Wedderspoon, Cooperstown
 Henrietta K. Wheeler, Interlaken
 Margaret White, Utica
 Ethel M. Whiting, Middleville
 Ethel P. Wilcox, Milford
 Pearl E. York, New Berlin

Kindergarten — primary course

Eva H. Breese, Gouverneur
 Marcia Z. Brown, Remsen
 Elizabeth P. Dickinson, Oneonta
 Margaret Durfee, Gloversville
 Inez L. Gordon, Patchogue
 Stella A. Hackley, Bridgewater
 L. Hazel Hall, Richmond Hill
 Mary A. Haynes, Patterson
 Nellie L. Hull, Fort Edward
 Ivah Kniakern, Bainbridge
 Frances T. Manion, Herkimer

Mabel E. Manion, Herkimer
 Maude Elizabeth Miller, Utica
 Bessie C. Porter, Gloversville
 A. Hope Robertson, New York
 Eunice E. Shearer, Mineville
 Jessie B. Sherwood, Binghamton
 Ruth Vanwoert, Bainbridge
 Bertha H. Wesel, Nyack
 Olive H. Westcott, Fairhaven, Vt.
 Edith Young, Camden

Classical course

Claire B. Ackley, West Oneonta
 Maida Blanchard, Oneonta
 Grace M. Heath, Middle Granville
 Frank Charles Huntington, Oneonta

Iva L. Ottaway, Oneonta
 Cora M. Quackenbush, Oneonta
 Florence Z. Shafer, Argusville

English course

Pearl Bradshaw, Schenectady

Luzerne Westcott Crandall, Oneonta

Kindergarten course

Mary B. Sizeland, Syracuse

Academic course

Marian Lois Carr, Oneonta
 George Nelson Eddy, Pleasant Valley
 Wesley Hanford, Oneonta

Harry Mull, Oneonta
 George Scatchard, Oneonta
 Harvey A. Strong, Laurens

Oswego

LOCAL BOARD

Gilbert Mollison, president; John Dowdle, secretary; Robert A. Downey, treasurer; Cadwell B. Benson; Laurence Clancy; Frederick O. Clarke; S. Mortimer Coon; Francis E. Cullen; P. W. Cullinan; Thomas D. Lewis; Merrick Stowell.

FACULTY

Isaac B. Poucher A.M. Pd.D., principal; Walker G. Rappleye B.S., methods of arithmetic, algebra and geometry, also algebra and geometry; Charles S. Sheldon, botany, physiology, zoology, nature

methods, and criticism of teaching same in the training school; Amos W. Farnham A.M., physical geography, methods of teaching geography, criticism of teaching same in the training school, school economy and school law; Richard K. Piez Pd.D., psychology, history of education, form and drawing methods; David Gibbs Ph.D., superintendent of the training school, and general method; Joseph C. Park, manual training, criticism of teaching same in the training school, and drawing; Chester Higbee Tether Ph.B., methods of advanced and elementary science, criticism of teaching same in the training school, physics, and chemistry; Herbert J. Smith A.M., Greek, Latin, methods of Latin, and logic; Caroline L. G. Scales Ph.B., methods in literature, ancient history, English history, English composition, and English fourth year; Lydia E. Phoenix M.A., methods in reading, physical culture, vocal music; Mary H Mac Elroy, methods American history, Teacher in English third year, story work methods and criticism of teaching same in the training school; Madame Jeannette Grossen, French, German, Spanish, Italian; Carrie V. Sinnamon, principal of grammar department of training school, critic in training school, teacher of English first year, and methods in grammar; Mary L. O'Geran, principal of intermediate department in training school, methods in penmanship, sewing, basketry, weaving, and critic in the training school; Harriet E. Stevens, principal of primary department, supervisor of clay modeling, methods of primary reading, and critic in the training school; Katherine A. Hayes, general assistant, critic in arithmetic, and methods in number; Amanda P. Funnelle, principal of the kindergarten department and teacher of kindergarten methods; Elizabeth G. Holmes, assistant in kindergarten; Sarah I. Brown, A grammar grade, teacher of English second year, assistant librarian; Florence Bunker, supervisor of drawing, American history, librarian, assistant in vocal music; Allen W. Poucher, private secretary to the principal.

GRADUATES, JANUARY 1909

Normal course

M. Gertrude Cahill, Utica
Lottie H. Case, Marcellus
Bertha E. Cuyler, Red Creek
Catherine Loretta Fitzgerald, Oneida
Mary Martina Hayes, Syracuse
Margaret C. Heagerty, Oswego
Marie R. Keefe, Syracuse
Nellie Stewart Kettle, Oswego
Agnes Kirwan Lee, Oswego
Marcella Martin, Oswego
Edith M. Mac Vicar, Syracuse

Sadie A. McFerran, Ilion
Ellen A. McGraw, Syracuse
Emma McWilliams, Middletown
Katherine Murray, Syracuse
Ella Elizabeth Nodda, Oswego
Bertha F. Penny, Adams
Amy E. J. Seelye, Yorkville
Alice Rose Stevenson, Oswego, R. F. D. 5
Mattie Elaine Swesty, Patchogue
Margaret King Welsh, Oswego
Elizabeth Whitcombe, Knoxboro

Kindergarten-primary course

Roberta Jackson Ayres, Middletown
Josephine Helen Bough, Oswego
Mary Evelyn Carroll, Oswego
Bertha Louise Comings, Middletown
Ruth Anna Coughlin, Fayetteville
Mabel Louise Culklin, Duluth, Minn.
Lulu Farrell, Oswego
Mabel Alice Hamlin, Baldwinsville
Veronica Margaret Hanson, Oswego

Evelyn Rose Healy, Oswego
Carrie Calista Jackson, Syracuse
Emma Mary Kanzog, Little Falls
Emma Dorothea Kirahner, Oswego
Ethel Augusta Lawrence, Middletown
Charlotte Norton, Oswego
Catherine Winifred Roche, Oswego
Jane Taylor, Oswego
Sadie E. Whittemore, R. F. D. 4, Oswego

Kindergarten course

Marea R. Brandt, Syracuse

GRADUATES, JUNE 1909

Normal course

Edna Rozina Andrews, Oswego
Stella May Bennett, Milford
Jean Betzner, Hornell
Nellie Edith Bitz, Plainville
Mary Florence Buckley, Utica
Florence Bunker, Oswego
Claire L. Cook, Syracuse
Margaret Frances Cullinan, Yonkers
Helen Marion Decker, Oswego
Margaret Helena Depew, Peekskill
Ella M. Dickerman, Peekskill
Efa Louise Dillin, Adams Center
Mary Adelaide Failey, Auburn
Nellie Mabel Fitch, Pulaski
Frances Theodora Fleming, Syracuse
Bertha Margaret Hager, Auburn
Nellastine G. Hartshorne, Hamilton
Edythe Snyder Hill, Greenwich
Jessie Etola Holley, Mexico
Catharine Agnes Keating, Rome
Clara Josephine Kelly, Oswego
Irene Gertrude Kelly, Oswego
Clarence F. Lamy, Constableville
Mary Ethel Macklin, Oswego
Catherine Monica Major, Peekskill
Anna Agatha Manning, Red Creek
Agnes Mansfield, Syracuse
Blanche M. Maynard, Fair Haven

Harold Leishman McCall, Oswego
Bessie C. McDay, Iliion
Marguerite Connelly McEnery, Syracuse
Elizabeth A. McKeon, Iliion
Mary Thynne McLane, Hamilton
Anna M. Melody, Oswego
Agnes Maria Morgan, Trenton Falls
Blanche L. Morgan, Parish
Kathryn May Morgan, Parish
Ethel M. Orvis, Mexico
Helen S. Osborne, Fulton
Regina Josephine O'Shea, LeRoy
Ella Mae Ralph, Belleville
Emma Marion Regan, Oswego
J. Clive Reynolds, Red Creek
Sarah K. Riley, Oneida
Vera Luella Roberts, South Iliion
Helen B. Rose, Patchogue
Myrtie Folsom Scofield, Spencer
Isabelle Boardman Smith, Chateaugay
Bertha Inez Spaulding, Marcellus
Everett Milton Stanley, South W. Oswego
Estelle Dumont Stone, Trumansburg
Gladys L. Summers, Oswego
Celeste Catharine Ward, Seneca Falls
Veda M. Ward, Seneca Falls
Mac Martin Weeks, Patchogue

Kindergarten-primary course

Marina M. Gardner, Oswego
Ruth F. Lamoree, Oswego
Olive M. Rosser, Marcellus

Clara Cadwell Still, Middletown
Josephine L. Worts, Herkimer

Kindergarten course

Carrie Grace Barrus, Fair Haven

Critic course

Paul Howard Galvin, Oswego

Carrie V. Sinnamon, Oswego

Manual training and mechanical drawing course

Marea R. Brandt, Syracuse
Clarence F. Lamy, Constableville

Harold Leishman McCall, Oswego
J. Clive Reynolds, Red Creek

Plattsburg

LOCAL BOARD

Since submitting the last report the local board has been decreased by the deaths of the treasurer, Alfred Guibord and of Alex. Bertrand. E. C. Baker has been appointed treasurer in place of Mr Guibord, still retaining the position of secretary.

The present composition of the local board is as follows: John B. Riley, president; E. C. Baker, secretary and treasurer; David Sherwood Kellogg A.M.; Rowland C. Kellogg; John H. Moffitt; John F. O'Brien; James Rogers; George S. Weed; John M. Wever.

FACULTY

At the close of the school year the resignation of Jenny Lind Robinson, model teacher and critic for the seventh grade and Lillian C. Dunn, model teacher and critic for the sixth grade, were presented and the places filled by the appointment of Anna M. Powers of Ilion, and Kate E. Hull of Plattsburg, respectively.

The faculty is now composed of the following persons: George K. Hawkins M.A. D.Sc., principal; George H. Hudson, sciences; A. N. Henshaw Ph.D., ancient languages and pedagogy; O. W. Kitchell D.Sc., mathematics and logic; Guy W. Shallies, English; Henry F. Feuering A.M., modern languages; Elizabeth W. Bump Ph.B. Pd.B., history; Genevieve Andrews, drawing; Alice L. O'Brien, reading and elocution; Margaret M. Garrity, music; Anna L. Carroll, assistant in sciences; Edward A. Parks, principal of model school; Anna M. Powers, critic grade 7; Kate E. Hull, critic grade 6; Lucy E. Tracy, critic grade 5; Sarepta E. Ross, critic grade 4; Mabel L. Chase, critic grade 3; Louise A. Perry, critic grade 2; Harriette A. Ingalls, critic grade 1; M. Alice Martin B.S., kindergarten; Charlotte E. Chase, assistant in kindergarten; Alice A. Crouch, physical director; Edwin L. Taylor, manual training; Anne J. O'Brien, librarian; Ollie H. Amsden, secretary.

GRADUATES 1909

Classical course

Frances Eleanor Bellegarde, Plattsburg
Una Marion Bigwood, Plattsburg
Olive Wood Culver, Plattsburg
E. Mabel Davison, Plattsburg
Mary M. Hood, Ausable Forks
Edna M. Jacques, Morrisville
Ethel L. McIntyre, Peru

Harriet Elma McIntyre, Peru
Minnie Eleanor Manning, Half Moon
Mary Agnes Potter, Stephentown
Alma N. Trombley, Plattsburg
Mary Elizabeth Trudo, Altona
Anna Mary Vogan, Plattsburg

English course

Emma Mae Doyle, Plattsburg
Gertrude Frances Ryan, Jay

Marion Catherine Thew, Morrisonville
Alice Eliza Weaver, Morrisonville

General professional

Agnes Helena Butler, Plattsburg
Mae Ellen Calhoun, Middlebury, Vt.
Olive Ada Deming, Elizabethtown
Margaret Esther Finch, Lake Placid Club
Martha Mary Finch, Lake Placid Club
Valeda Alma Gagnon, Dannemora
Mary Agnes Geary, Ausable Forks
Nona Agnes Grey, Ticonderoga

Irene Elsie Hogue, Plattsburg
Georgia Ethel Lewis, Ticonderoga
Genevieve S. McCannah, Ticonderoga
Marion Powell Mickle, New York
Kathryn Minerva Nolan, Willsboro
Gertrude Mary O'Meara, Plattsburg
Sara Louise Smith, Saratoga Springs

Primary and kindergarten

Harriet Mary Banfield, Plattsburg
Lottie Louana Beiden, Plattsburg
Rose Mary Black, Fort Edward
Margaret Anna Carmody, Plattsburg
Florence Martha Fisher, Burlington, Vt.
Kittie Mae Galvin, Clintonville
Helen Prescott Lansing, Plattsburg

Anna Elizabeth Leonard, Whitehall
Ethel Mae Sleight, Whitehall
Mae Walker, Plattsburg
Mary Emily Wilkins, Lake Placid
Cora Amelia Wilson, Whitehall
Margaret Mollie Wolfe, Plattsburg

Potsdam

LOCAL BOARD

Edwin A. Merritt LL.D., president; George W. F. Smith A.B., treasurer; George H. Sweet A.M. LL.B., secretary; William R. Weed; Thomas Spratt; Frederick L. Dewey A.M. Ph.D.; Charles H. Leete A.M. Ph.D.

FACULTY

At the close of the first semester Professor Ara E. Ball resigned as assistant in mathematics. The vacancy was filled by the election of Miss Myrtle G. Bond A.B. Miss Bond is a classical graduate of this normal school, also a graduate of the University of Michigan and a teacher of successful experience. Miss Elizabeth Adams tendered her resignation as teacher of German for continued study abroad. Miss Alice M. Grandey Ph.B. was elected to fill the vacancy. Professor J. C. Tressler A.B. resigned to accept a position in New York city. Professor William Hawley Davis A.M., of Harvard, was elected as his successor. At the opening of the spring semester Miss Myra Hitchcock was elected as assistant in drawing.

The faculty for 1908-9 was composed as follows: Thomas B. Stowell A.M. Ph.D., principal, psychology and pedagogy; Katherine M. Kellas Ph.B., preceptress, English, methods; Edward W. Flagg A.M., history, English literature, history of education; Julia Etta Crane, vocal music, methods; Freeman H. Allen A.M., arithmetic, American history, methods; Willis

E. Bond A.B., mathematics, logic; C. A. Rosegrant A.B., Latin, methods; Adelaide Norris, principal of intermediate department, geography, methods; Wilhelmina Caldwell, principal kindergarten department, kindergarten methods; Elizabeth M. Adams Ph.B., German; Jessie M. Leith, drawing methods; Edward D. Curtis A.M., Latin, French; Fayette T. Owen A.M., physics, chemistry; Rose E. Reeve, model teacher; Jennie C. Johnson, model teacher; Clara C. Russell, kindergarten assistant; Desalee Ryan, model teacher; Alice H. Damon A.B., principal primary department, primary methods; Mabel J. Cousins, model teacher; Anna P. Draime, Ph.B., English; Ernest W. Blood, director of physical training; Minnie E. Plank, principal's secretary; J. C. Tressler A.B., English, public speaking; Ralph E. Wager A.M. Ph.D., physical geography, biology; Margaret B. Hawley Ph.B., English, librarian; Mildred Simonds, kindergarten assistant; Ara E. Ball, assistant mathematics; F. E. Hawthorne, director, piano, organ, harmony; Harriet Crane Bryant, voice culture; Edith M. Austin, assistant vocal music; Richard M. Tunnicliffe, assistant vocal music; Irma Rassmussen, assistant vocal music; George A. White, janitor; John Forster, engineer and fireman.

GRADUATES 1909

Classical

Adella Veronica Broderick
Mary M. Common
Maude Hazel Emerson
Marguerite Louise Gurley
Florence Elizabeth Hunter
Adelaide May Poole
Margaret M. Regan

Nora Frances Regan
Elizabeth Reynolds
Howard Rollin Sanford
Mary Margaret Sullivan
Myrtle Jeanne Thompson
Sallie Allen Wright

English

Dennis Emmett Dullea
John Bernard Guiney
Ruth Margaret Lawrence
Theresa Mary Looby
Martha Louise Kendall

Harold Franklin Martin
Charlotte Catherine Morgan
Irene Bridget Morgan
William McNulty
Anna Teresa Sullivan

Normal

Effie Georgia Ballou
Elizabeth Marion Bicknell
Hazel Jean Brown
Ethel Mae Burton
Genevieve Blanche Cardiff
Catherine Louise Carey
Lucy Maude Carmichael
Charles Bridges Carruthers
Margaret Estella Claffey
Leda Leone Cline
Florence Elizabeth Culver
Mary Una Dandy
Floctta Davis
Winifred Davis
Ethel Amanda Gilmour
Ruby Mason House
Freida Isabelle Hurst
Edna Mae Ives
Irene Jenkins
Amy Brown Jones

Margaret Kelley
Mary Ethel Lazenby
Margaret Mathilde Liston
Emma Luther
Elizabeth Mary Mannix
Mabel McCadam
Grace Emma Messer
Gladys Mary Louise Potter
Agnes D. Randall
Helen Marriette Rogers
Elva Gertrude Sawyer
Elizabeth Mae Smith
Virginia Electa Snell
Sarah Edith Sprague
Mabel Edith Stanciff
Veda Belle Tanner
Cynthia J. Thomas
Minnie Elizabeth Tracey
Blanche May Wainwright
Floy Lois Williams

Primary and kindergarten

Bertha Althea Constine
 Ercile Mae Farwell
 Nina Elizabeth Jeffers
 Agnes Gertrude Kellogg
 Mary Eleanor McCarter
 Elsie Shepard Miller

Celia Palow
 Marguerite Quigley
 Alice Nancy Rodger
 Ruth Hamblin Salls
 Mabelle Sayles
 Anna Teresa Sullivan

Kindergarten

Agnes Gertrude Kellogg
 Ercile Grace Lawrence

Eva May Peacock

Classical academic

Herbert Richmond Bicknell

Harry Leroy French

English academic

William Henry Joy

Special music teachers

Verna Belle Austin
 Mildred Gladys Boomhower
 Emma Caroline Diehm
 Florence Felton
 Cora Evelyn Fuller
 Mary Elizabeth Haynes
 Harriett Louise James

Edward Frederic Joncas
 Flora Morrill
 Minnie A. Persons
 Zelia Reed
 Ethel Amice Wager
 Jessie May Wickham
 Cora Williams

Piano course

Bessie Mabel Avery
 Leah Marie Hayward

Ora Phrenetta Lomber

The Thomas S. Clarkson prize in pedagogics (\$100) was awarded to Miss Adelaide Poole of the February class, and to Mr Howard Sanford of the June class.

Exhibit H
Teachers Institutes 1908-9

COUNTY	Districts	Place	Conductor	Date	TEACHERS IN ATTENDANCE			AVERAGE ATTENDANCE			Aggre- gate days attendance	AVERAGE NUMBER OF TERMS TAUGHT			Local ex- poses
					Men	Women	Total	Men	Women	Total		Men	Women	Total	
Chautauq.	1-2-3	Chautauq.	Shaver	1908	63	370	433	62	389	450	2	140	14	9	943 06
Herkimer	1	Dolgeville	Hull	Aug. 31	16	91	107	16	82	98	1	48	14	7	18
Lewis	1	Lyon Falls	Williams	Sept. 7	19	87	106	19	80	99	1	67	8	10	15 76
Franklin	1-2	Milne	Stanford	Sept. 7	28	317	345	27	302	329	1	846	20	10	10
Saratoga	1	Mechanicville	Thompson	Sept. 7	13	197	210	12	185	197	1	83	13	11	12
Cayuga	2	Malaga	Shaver	Sept. 7	22	186	208	21	181	196	1	78	16	10	11
Schoharie	1	Windsor	Shaver	Sept. 7	12	137	149	19	131	150	1	69	9	7	9
St. Lawrence	1	Windsor	Hull	Sept. 7	19	230	249	26	229	255	1	272	9	8	9
Jefferson	2	Canton	Thompson	Sept. 14	27	182	209	26	180	208	1	130	13	9	10
Schoenbrary	2	St. Johnsville	Shaver	Sept. 14	40	130	170	40	130	170	1	890	18	12	14
Seneca	1	Watertown	Stanford	Sept. 14	15	122	137	15	120	135	1	674	18	11	12
Essex	2	Westport	Williams	Sept. 14	17	150	167	17	145	162	1	521	19	9	10
Jefferson	1	Adams	Shaver	Sept. 14	15	131	146	18	130	145	1	740	14	10	10
Jefferson	1	Cape Vincent	Hull	Sept. 21	31	144	175	31	142	173	1	864	8	8	8
Schoenbrary	3	Ellenboro	McDonald	Sept. 21	13	71	84	13	70	83	1	416	14	9	9
Ulster	3	Ellenboro	Stanford	Sept. 21	19	106	125	18	106	124	1	632	12	10	11
St. Lawrence	1	Gouverneur	Thompson	Sept. 21	29	131	160	21	143	163	1	816	10	9	9
Lewis	2	Lowville	Williams	Sept. 21	21	145	166	21	143	163	1	816	8	8	8
Schoharie	1	Middleburg	Albro	Sept. 21	24	79	103	24	78	102	1	542	15	11	12
St. Lawrence	3	Potsdam	Jones	Sept. 21	16	194	210	16	193	209	1	936	9	8	8
Greene	1-2	Athens	McDonald	Sept. 28	63	146	210	61	146	197	1	856	21	10	13
Oneida	4	Boonville	Stanford	Sept. 28	19	160	169	19	149	168	1	542	17	9	10
Madison	1-2	Canastota	Thompson	Sept. 28	38	259	297	35	252	287	1	838	16	11	11
Putnam	1	Coldspring	Jones	Sept. 28	15	70	85	15	70	85	1	425	28	12	15
Clinton and Essex	1	Keeseville	Williams	Sept. 28	36	166	202	35	163	196	1	990	19	13	14
Chenango	1-2	Norwich	Shaver	Sept. 28	25	246	271	25	246	271	1	972	17	10	11
Wyoming	1	Ferry	Hull	Sept. 28	32	945	977	32	944	976	1	379	13	8	8
Rockland	1	Piermont	Hayward	Sept. 28	24	121	145	24	120	144	1	717	20	14	15
Suffolk	1	Greenport	Hull	Oct. 6	32	150	182	32	149	181	1	905	19	11	12
Chemung	1-2	Horseheads	Stanford	Oct. 6	20	146	166	20	143	163	1	829	12	10	11
Cortland	1	Martinsburg	Thompson	Oct. 6	25	144	174	26	144	172	1	859	12	10	11
Orleans	2	Medina	Williams	Oct. 6	22	183	205	21	180	201	1	1002	20	11	11
Rensselaer	2	Nassau	Albro	Oct. 6	11	86	97	11	86	97	1	461	14	10	10
Fulton	1	Northville	Shaver	Oct. 6	17	111	128	17	110	127	1	636	21	12	12
Ulster	1	Saugerties	McDonald	Oct. 6	8	58	66	8	58	66	1	328	22	14	16
Wayne	1	Sodus	Merrill	Oct. 6	24	191	215	23	188	211	1	1055	26	14	16
Essex	1	Alden	Shaver	Oct. 12	21	185	206	21	184	205	1	1025	18	7	8
Suffolk	2	Babylon	Hull	Oct. 12	39	195	234	39	193	232	1	138	23	13	14
Genesee	2	Batavia	Williams	Oct. 12	30	168	198	29	167	197	1	228	18	14	15
Ontario	2	Chateaufort	Thompson	Oct. 12	30	274	304	30	271	301	1	501	14	12	13
Delaware	2	Hessville	Merrill	Oct. 12	12	97	109	12	96	108	1	540	14	10	10
Orwego	3	Margaretville	Albro	Oct. 12	43	190	233	40	184	224	1	119	16	9	9
Orwego	3	Sandy Creek	Stanford	Oct. 12	16	117	133	16	117	133	1	663	9	7	9

Title II

SECONDARY EDUCATION

Among matters of especial importance that have recently engaged the attention of those who are concerned with secondary education are the growing interest in education for vocational ends, the quinquennial revision of the Academic Syllabus, and the rapidly extending acceptance of the diplomas granted by the New York State Education Department for purposes of admission to colleges and universities. In their proper order these subjects will be considered in this section of the annual report.

INDUSTRIAL ARTS IN THE HIGH SCHOOL

Until recent years instruction in industrial arts in the United States has been left to private enterprise and beneficence. Here and there in most of the states the larger cities have established public manual training high schools, mostly during the last two decades, and private enterprise has provided abundant opportunities for such education in the secondary grades. Prior to July 1908 four manual training or technical schools had been organized in the State of New York with teachers and students as represented by the following tabulation:

Manual training and technical high schools

HIGH SCHOOL	TEACHERS			STUDENTS		
	Men	Women	Total	Boys	Girls	Total
Manual Training (Brooklyn)	46	58	104	1 528	1 622	3 150
Stuyvesant (Manhattan)	37	.....	37	1 236	.....	1 236
Technical (Buffalo)	6	9	15	365	10	375
Washington Irving (Manhattan)	10	83	93	.....	3 895	3 895
Totals	99	150	249	3 129	5 527	8 656

In addition to the opportunities offered by the above named schools, departments for manual training or domestic science or both have been established in the high schools of Albany, Binghamton, Glens Falls, Gloversville, Long Island City, Olean, Poughkeepsie, Saratoga Springs and Syracuse which doubtless swell the number of students taking such work in public secondary schools of the State to a total of 10,000. Similar courses in private institutions of secondary grade with highly specialized vocational courses provide for the instruction of more than 10,000 students, so that the grand total of boys and girls, young men and women of the State taking courses in industrial arts exceeds 20,000. It is true that the majority of these students by special and extended training aspire to become directors of labor rather than laborers in the ordinary sense; but most of them must win their way to directive positions by promotion from the ranks, and although they may ultimately cease to be counted among the ranks of laborers, their progress through a shortened period of apprenticeship and their final promotion to managing positions will serve as a wholesome stimulus to their fellow workers.

So great and general has become the appreciation of secondary education for vocational ends that several states have recently undertaken to make provision for training boys and girls directly for effective and profitable manual labor. As early as 1894 Louisiana established the Industrial Institute at Ruston for the education of white children of Louisiana in the arts and sciences together with such practical industries as from time to time may be suggested by experience or such as will tend to promote the general object of said institute, to wit, the fitting and preparing of such children, male and female, for the practical industries of the age. This institution now has property valued at \$400,000 and maintains a five year course of instruction for about 600 pupils. Within the current decade the following named states have enacted laws for the promotion of industrial education, that is for the training of craftsmen as distinguished from manual training for general efficiency and culture: California 1907, Connecticut 1907, Maryland 1908, Michigan 1907, New Jersey 1907, New York 1908, and Wisconsin 1907. In Connecticut legislation has not resulted in the establishment of a single school. In Massachusetts the operation of the law and of the commission appointed in accordance with its provisions has resulted in the establishment of many evening trade schools widely distributed

over the State and of a few industrial day schools. In New Jersey the result of the law of 1907 seems to have been mainly the collecting and compiling of data in regard to existing institutions, although the law makes generous provision for the establishment and maintenance of new schools for industrial education, duplicating all moneys raised by local subscription or taxation to any amount not exceeding seven thousand dollars for any municipality.

**MODIFICATIONS OF REQUIREMENTS FOR ACADEMIC AND COLLEGE
ENTRANCE DIPLOMAS**

By action of the Regents on April 1, 1909 the requirements for academic and college entrance diplomas were modified so as to provide that the lowest grade of diploma shall be based upon a minimum passing mark of 60 per cent in each subject. This action was taken after much discussion in the Department and in the State Examinations Board and after many conferences and prolonged correspondence with college authorities relative to the following requirements for academic and college entrance diplomas:

1 In general, candidates for diplomas must prepare for examinations in schools that have complied with the requirements of the State Education Department in respect to buildings, laboratories, laboratory equipment, libraries, and courses of study.

2 In the public high schools of the State, instruction must be given by teachers of ascertained qualifications, licensed by the State Education Department or by local authorities, in accordance with regulations prescribed by the Department.

3 In all secondary schools recognized by the State Education Department methods of instruction must have the approval of the Department based upon the reports of official inspectors who regularly visit the schools.

4 The syllabuses or outlines in accordance with which studies are pursued have been prepared under the direction of the State Education Department by committees of well known teachers in secondary schools and colleges.

5 All question papers for the semiannual examinations are prepared by committees consisting of three members each, viz, a representative of the secondary schools, a representative of the colleges and a representative of the State Education Department. These committees are appointed by the Commissioner of Education upon nomination of the New York State

Examinations Board. All question papers are carefully reviewed by a committee of the State Examinations Board, known as the Committee on Final Revision, which consists of four representatives of the State Education Department, two representatives of colleges and two representatives of secondary schools.

6 All answer papers are read originally by teachers of the school in which they are written and then forwarded to the Examinations Division of the State Education Department in Albany for rereading and rating by the examiners of the Department. No paper is accepted or assigned credit for a diploma if its final rating falls below 60 per cent.

Papers written by students who are unable to produce certificates of instruction within approved schools for adequate time are not accepted upon a final rating of less than 75 per cent.

In view of the above described exacting requirements, it was maintained that the academic and college entrance diplomas issued by the New York State Education Department are worthy of recognition by the colleges and universities for purposes of admission; and in recognition of the high standards of instruction and scholarship demanded by these requirements the following named institutions have agreed to accept, for purposes of admission, diplomas issued by the New York State Education Department in accordance with the amendment of the Regents Revised Rules, in so far as the qualifications for those diplomas meet the requirements for admission to the several institutions.

NAME OF COLLEGE	LOCATION	PRESIDENT
Adelphi College	Brooklyn, N. Y. . . .	Charles H. Levermore Ph.D.
Alfred University	Alfred, N. Y.	Boothe C. Davis Ph.D. D.D.
Amherst College	Amherst, Mass.	George Harris LL.D.
Bates College	Lewiston, Me.	George C. Chase D.D. LL.D.
Boston University	Boston, Mass.	William E. Huntington LL.D.
Bowdoin College	Brunswick, Me.	William DeWitt Hyde D.D.
Canisius College	Buffalo, N. Y.	Rev. Augustine A. Miller S.J.
Colgate University	Hamilton, N. Y.	Elmer Burritt Bryan
College of the City of New York	New York city	John H. Finley LL.D.
College of St Francis Xavier	New York city	Rev. Thomas J. McCluskey S.J.
Columbia University	New York city	Nicholas Murray Butler LL.D.
Cornell University	Ithaca, N. Y.	Jacob Gould Schurman LL.D.
Dartmouth College	Hanover, N. H.	Ernest Fox Nichols Sc. D. LL.D.

NAME OF COLLEGE	LOCATION	PRESIDENT
Dickinson College...	Carlisle, Pa.	George Edward Reed S.T.D. LL.D.
Elmira College.	Elmira, N. Y.	A. Cameron MacKenzie D.D. LL.D.
Fordham University, Franklin & Marshall College.	New York city.	Rev. Daniel J. Quinn S.J.
Hamilton College.	Lancaster, Pa.	John S. Stahr D.D. LL.D.
Hiram College.	Clinton, N. Y.	M. Woolsey Stryker D.D. LL.D.
Holy Cross College.	Hiram, Ohio.	Miner Lee Bates M. A.
Keuka College.	Worcester, Mass.	Rev. Thomas E. Murphy S.J.
Manhattan College.	Keuka Park, N. Y..	Arthur Braden B.A.
Middlebury College. .	New York city.	Rev. Brother Jerome
New York State Nor- mal College.	Middlebury, Vt.	John M. Thomas D.D.
New York University Normal College of the City of New York. .	Albany, N. Y.	William J. Milne Ph.D. LL.D.
Polytechnic Institute.	New York city.	Henry M. MacCracken LL.D.
Rensselaer Polytech- nic Institute.	Brooklyn, N. Y.	George S. Davis LL.D. Frederick W. Atkinson Ph.D.
St Bonaventure's Col- lege.	Troy, N. Y.	Palmer E. Ricketts C.E.
St Francis College.	Allegany, N. Y.	Rev. Joseph F. Butler
St Lawrence Univers- ity.	Brooklyn, N. Y.	Brother Stanislaus
St Stephen's College. .	Canton, N. Y.	Almon Gunnison LL.D.
Simmons College.	Annandale, N. Y. . .	William C. Rodgers S.T.D.
Swarthmore College. .	Boston, Mass.	Henry Lefavour Ph.D. LL.D.
Trinity College.	Swarthmore, Pa.	Joseph Swain M.S. LL.D.
Tufts College.	Hartford, Ct.	Flavel S. Luther Ph.D. LL.D.
Union University.	Medford, Mass.	Frederick W. Hamilton D.D. LL.D.
University of Maine. .	Schenectady, N. Y..	Charles A. Richmond D.D.
University of Penn- sylvania.	Orono, Me.	George E. Fellows Ph.D. LL.D.
University of Roch- ester.	Philadelphia, Pa.	Charles C. Harrison LL.D.
Wesleyan University.	Rochester, N. Y.	Rush Rhees LL.D.
Williams College.	Middletown, Ct.	William A. Shanklin D.D.
Worcester Polytech- nic Institute.	Williamstown, Mass.	Harry A. Garfield LL.D.
	Worcester, Mass.	Edmund A. Engler Ph.D. LL.D.

The above list includes the names of 43 colleges and universities as against 31 included in the report of the preceding year, or a gain of nearly 40 per cent.

ACADEMIC EXAMINATIONS

During the year persistent care has been taken to make the academic examinations reasonable in severity without becoming unduly lenient. Questions have been based upon fundamental principles of the subjects under examination and upon the ordinary

and regular aspects of the subject such as are thoroughly taught and carefully reviewed in the course of instruction. Questions which deal with exceptions and unusual forms, conditions and constructions have been sparingly used and have been made as subordinate in the examinations as the facts or conditions which they represent are subordinate in the body of instruction. While questions involving constructions or demonstrations which require independent and original thinking have not been wholly excluded from the examinations, especially in mathematics and science, it has been recognized that such questions must not predominate in examinations which must be written within a limited time by students who are under the stress of a prolonged mental effort and confronted with the consequences of success or failure.

Especial care has been taken to arrange questions in such groups that candidates are required to cover every major division of a subject outlined in its syllabus.

For the excellent content and form of the question papers much credit is due to Superintendent Edward L. Stevens, Principal Lamont F. Hodge, President Daniel J. Quinn, and President John H. Finley, who devoted their time unsparingly, with the Assistant Commissioners and the Chief of the Examinations Division to the final revision of the question papers. Credit is also due to the following committees of representative teachers and members of the Department who prepared the original drafts of the question papers.

English

Gilbert S. Blakely, first assistant in English, Morris High School,
New York city

Dartmouth, B. A., M. A.; Harvard, M. A..

George R. Carpenter, professor of rhetoric and English composition, Columbia University

Harvard, B.A.; University of the South, D.C.L.

Mae E. Schreiber, instructor in English, State Teachers Institutes

Latin

Hiram H. Bice, first assistant in Latin and Greek, DeWitt Clinton
High School, New York city

Johns Hopkins, B.A.; Hamilton, M.A.

Henry F. Burton, professor of Latin, University of Rochester
University of Michigan, M.A.

Vera Thompson, examiner in Latin, Education Department
Cornell, Ph.B.

Greek

Ernest L. Meritt, principal of high school, Gloversville
Wesleyan University, B.A.; Yale, M.A.

Newton Lloyd Andrews, professor of Greek, Colgate University
Colgate, B.A., M.A.; Hamilton, Ph.D.; Chicago, LL.D.

Annie T. Keyser, State Education Department
Vassar, 1 year; Cornell, 2 years

Hebrew

Max Radin, first assistant, Newtown High School, New York
city
College of the City of New York, B. A.; New York University, LL.B.;
Columbia University, Ph.D.

Charles P. Fagnani, associate professor of Old Testament lan-
guage and literature, Union Theological Seminary, New
York city

College of the City of New York, B.A., B.S.; Columbia University,
LL.B.; Western Reserve University, D.D.

Loring W. Batten, professor of Old Testament literature and
interpretation, General Theological Seminary, New York city
Harvard, B.A.; University of Pennsylvania, Ph.D.; Hobart College,
S.T.D.

German

Helen M. Knox, head of German department, Ithaca High School
Cornell, B.A.; University of Berlin, special course

Herman C. G. Brandt, professor of German, Hamilton College
Hamilton, B.A., Ph.D.

Horace L. Field, examiner, State Education Department
Cornell, B.A.; Columbia, M.A.

French

Elwin A. Ladd, principal high school, Batavia
Cornell, Ph.B.

Charles A. Downer, professor of Romance languages, College of
the City of New York

College of the City of New York, B.A.; Columbia University, Ph. D.

Agnes O. Carson, teacher of French, Cortland Normal School
Student in Paris, 1898-1901

Spanish

Earl S. Harrison, instructor in Spanish, Commercial High School,
Brooklyn
University of Toronto, B.A.

Clarence K. Moore, professor of the Romance languages, University of Rochester

Harvard, B.A., M.A., Ph.D.

John T. Fitzpatrick, Education Department

Cornell, B.A.

Italian

Harry A. Potter, Girls High School, New York city

Harvard, B.A.

Everett Ward Olmsted, professor of Romance languages and literatures, Cornell University

Cornell, Ph.B., Ph.D.

Francesco Ettari, instructor of Romance languages, College of the City of New York

Royal University of Naples, B.A., M.A., Ph.D., Lit.D.

History and economics

William Fairley, first assistant in history, Commercial High School, Brooklyn

Amherst, B.A., M.A.; University of Pennsylvania, Ph.D.

Frederic C. Foster, professor of history and acting professor of political science, St Lawrence University

Wabash College, B.A., M.A.

Eugene W. Lyttle, State inspector of schools, Education Department

Hamilton, B.A., Ph.D.

Mathematics

Arthur M. Scripture, principal of high school, New Hartford

Hamilton, B.A., M.A.

Thomas S. Fiske, professor of mathematics, Columbia University

Columbia, B.A., M.A., Ph.D.

Mary E. Shaw, examiner of mathematics, State Education Department

Cornell, B.A.

Physics

George M. Turner, head of science department, Masten Park High School, Buffalo

Amherst, B.S.

John S. Shearer, professor of physics, Cornell University

Cornell, B.S., Ph.D.

Howard Lyon, teacher of science and science methods, State Normal School, Oneonta
Lafayette College, M.S.; Harvard, B.A.

Chemistry

Robert W. Fuller, first assistant in physics and chemistry, Stuyvesant High School, New York city
Harvard, B.A., M.A.

Arthur P. Saunders, professor of agricultural and general chemistry, Hamilton College.

Toronto University, B.A.; Johns Hopkins, Ph.D.

Charles N. Cobb, State inspector of schools, Education Department
Syracuse, B.A., M.A.

Biology

Arthur E. Hunt, first assistant in biology, Manual Training High School, Brooklyn
Syracuse, Ph.B.

William D. Merrell, assistant professor of biology, University of Rochester
Rochester, B.A.; University of Chicago, Ph.D.

Arthur G. Clement, State inspector of schools, Education Department
Rochester, B.A.

Physical geography

Edward P. Smith, principal of high school, North Tonawanda
Rochester, B.A.

Thomas C. Hopkins, professor of geology, Syracuse University

De Pauw University, B.S., M.S.; Leland Stanford Jr University, M.A.;
Chicago University, Ph.D.

Charles T. McFarlane, principal State Normal School, Brockport
Michigan State Normal College, Pd.M.; New York State Normal College, Pd.D.

Commercial subjects

William E. Weafer, principal commercial department, Central High School, Buffalo

Henry H. Denham, principal Business High School, Syracuse
Michigan, B.S.; Cornell, graduate student, 1893-95

Grace D. Allen, examiner, State Education Department

Drawing

Harold H. Brown, Stuyvesant High School, New York city
Student, one year, Lowell School of Design, Boston; diploma, four
years, Massachusetts Normal Art School, Boston; student, two years,
École des Beaux Arts, Paris

Julia A. Hill, head of the normal art department, Syracuse
University
University of Oregon, B.A.; Columbia University, B.S., diploma in fine
arts

Mark M. Maycock, head of the drawing department, State
Normal School, Buffalo
Syracuse, B.P., M.P.

Music

Hollis E. Dann, professor of music, Cornell University
Alfred University, Mus.D.

For college graduate professional certificate

**Psychology, history of education, principles of education and
methods of teaching**

Jacob R. Street, dean Teachers College, Syracuse University
Victoria University, B.A.; Toronto University, M.A.; Clark University,
Ph.D.

Thomas M. Balliet, dean New York University, New York
city
Franklin and Marshall, Ph.D.

Edward N. Jones, principal Training School for Teachers,
New York city
Hamilton, B.A., M.A., Ph.D.

Preacademic

English, history and spelling

Erle S. Ackley, principal of high school, Richfield Springs
Syracuse University, Ph.B., Ph.M., Pd.B.

John D. Wilson, principal of Putnam School, Syracuse
Mae E. Schreiber, Education Department

Arithmetic and geography

Seward S. Travis, principal of high school, Greenport
Columbus N. Millard, supervisor of grammar grades, Buffalo
public schools

Jeremiah M. Thompson, principal State Normal School, Potsdam
Colgate, Ph.B.; State Normal College, Pd.D.

STATISTICS OF ACADEMIC EXAMINATIONS

Held in schools	1906	1907	1908	1909
Answer papers written...	270 546	263 526	327 326	385 113
Answer papers claimed...	218 282	215 623	261 467	315 225
Answer papers allowed...	180 411	181 975	229 014	280 680
Percentage of all papers allowed	66.6	69.1	70	72.9
Held for professional students in Buffalo, Syracuse, Albany and New York				
Answer papers written...	31 938	27 474	33 922	32 795
Answer papers allowed...	14 239	11 628	16 102	14 662
Percentage of all papers allowed	44.6	42.3	47.5	44.7

The total increase in the number of papers written in schools over the number for the previous year is 63,800, and over the number for 1907 the increase is 121,587. The percentage of papers allowed based upon the total number of papers written is 72.9 per cent as against 70 per cent for the previous year. It is probable that the slight increase in the percentage of success is due in part to the recommendation of the Examinations Board that question papers be shortened and in part to the conscientious effort of the examiners to make questions based more upon the commonplace body of subject-matter thoroughly taught and well drilled and less upon unusual and exceptional matter.

Of the papers claimed by the schools 89.2 per cent were allowed by the Department as against 87.6 per cent allowed during the previous year. This seems to indicate that the standards maintained in the schools are more and more nearly approximating the standards established by the Department.

RESULTS OF ACADEMIC EXAMINATIONS IN SCHOOLS

The following table will show the results of examinations held in secondary schools during the entire year 1908-9. Results of the examinations held for professional students will be found in the complete tabulation under Exhibit I.

Academic examinations in schools, January and June 1909

	NUMBER OF ANSWER PAPERS WRITTEN	PER CENT OF THOSE WRITTEN RATED 90-100	PER CENT OF THOSE WRITTEN RATED 80-89	PER CENT OF THOSE WRITTEN RATED 70-79	PER CENT OF THOSE WRITTEN RATED 60-69	PER CENT OF THOSE WRITTEN RATED 50-59	PER CENT OF THOSE WRITTEN CLAIMED BY SCHOOLS (60-100)	PER CENT OF THOSE WRITTEN ALLOWED BY DEPARTMENT (60-100)
English								
1st year.....	26 335	2.3	15.1	32.0	30.4	20.2	85.6	80.0
2d ".....	13 613	3.0	17.8	36.0	30.9	12.3	92.0	87.7
3d ".....	10 091	3.6	15.0	33.0	33.2	15.2	88.5	84.8
three years.....	6 299	1.3	8.3	27.9	42.4	20.1	84.0	79.9
4th year.....	10 487	6.8	20.0	34.0	31.2	8.0	95.6	92.0
four years, N. Y. C. grammar.....	8 284	2.3	12.2	18.8	23.2	43.5	74.2	56.5
hist. Eng. language & lit.....	628	10.7	24.8	27.4	22.6	14.5	93.0	85.5
	76 036	3.2	15.4	31.3	31.2	18.9	87.2	81.1
German								
1st year.....	9 716	4.3	17.4	26.7	26.0	25.6	85.1	74.4
2d ".....	9 234	2.6	11.6	19.3	27.1	39.4	76.0	60.6
3d ".....	4 372	0.8	8.0	20.7	36.9	33.6	84.2	66.4
4th ".....	371	1.6	11.6	21.3	36.1	29.4	87.3	70.6
	23 693	3.0	13.3	22.6	28.6	32.5	81.4	67.5
French								
1st year.....	4 189	3.0	13.8	24.2	27.2	31.8	81.1	68.2
2d ".....	4 404	1.2	10.9	28.0	32.1	27.8	86.5	72.2
3d ".....	1 935	0.7	7.8	23.5	31.8	36.2	78.6	63.8
4th ".....	258	2.3	11.6	16.3	27.2	42.6	80.9	57.4
	10 786	1.8	11.5	25.4	30.1	31.2	82.8	68.8
Spanish								
1st year.....	110	3.6	10.0	11.8	18.2	56.4	70.9	43.6
2d ".....	183	4.9	18.0	19.7	19.1	38.3	74.3	61.7
3d ".....	23	21.7	8.7	21.7	00.0	47.9	73.9	52.1
	316	5.7	14.5	17.1	17.4	45.3	73.1	54.7
Italian								
1st year.....	8	00.0	00.0	12.5	12.5	75.0	62.5	25.0
2d ".....	12	00.0	33.4	25.0	8.3	33.3	91.7	66.7
	20	00.0	20.0	20.0	10.0	50.0	80.0	50.0
Latin								
1st year..	17 641	5.0	13.8	20.0	23.2	38.0	71.1	62.0
grammar.....	9 641	2.8	11.8	23.2	27.3	34.9	74.1	65.1
elem. composition...	10 584	1.9	8.2	17.8	25.5	46.6	64.7	53.4
Caesar's Com.....	12 776	4.2	17.3	25.4	26.2	26.9	84.2	73.1
Cicero.....	4 255	2.5	16.2	33.5	28.3	19.5	91.1	80.5
intermediate, N. Y. C.	1 935	0.9	10.0	27.3	39.0	22.8	82.9	77.2
Virgil's Aeneid.....	2 275	2.4	20.6	38.2	26.0	12.8	94.7	87.2
advanced, N. Y. C....	534	1.7	12.0	33.0	35.0	18.3	86.0	81.7
prose composition...	2 910	1.8	15.3	30.6	24.5	27.8	82.2	72.2
prose at sight.....	2 052	17.0	31.1	24.3	13.0	14.6	92.4	85.4
poetry at sight.....	1 123	15.6	26.0	24.1	15.0	19.3	92.3	80.7
	65 726	4.0	14.4	23.7	25.3	32.6	77.2	67.4

Academic examinations in schools, January and June 1909 (continued)

	NUMBER OF ANSWER PAPERS WRITTEN	PER CENT OF THOSE WRITTEN RATED 90-100	PER CENT OF THOSE WRITTEN RATED 80-89	PER CENT OF THOSE WRITTEN RATED 70-79	PER CENT OF THOSE WRITTEN RATED 60-69	PER CENT OF THOSE WRITTEN RATED 50-59	PER CENT OF THOSE WRITTEN CLAIMED BY SCHOOLS (60-100)	PER CENT OF THOSE WRITTEN ALLOWED BY DEPARTMENT (60-100)
Greek								
1st year.....	237	10.5	18.2	22.8	23.2	25.3	84.4	74.7
grammar.....	321	6.2	18.1	26.2	22.1	27.4	77.9	72.6
elem. composition...	226	9.3	23.9	29.6	19.9	17.3	88.5	82.7
Xenophon's Anabasis	315	10.08	22.88	28.6	19.4	18.4	88.9	81.6
Homer's Iliad.....	188	8.5	37.8	29.8	10.6	13.3	92.0	86.7
advanced, N. Y. C....	60	6.7	30.0	35.0	20.0	8.3	96.7	91.7
prose composition...	149	9.4	25.5	28.9	18.1	18.1	89.3	81.9
prose at sight.....	95	6.3	30.5	24.2	21.1	17.9	92.6	82.1
Homer ".....	61	21.3	32.8	27.9	9.8	8.2	95.1	91.8
	1 652	9.3	24.4	27.5	19.2	19.6	87.2	80.4
Hebrew								
grammar.....	1	00.0	100.0	00.0	00.0	00.0	100.0	100.0
Psalms of David....	1	00.0	100.0	00.0	00.0	00.0	100.0	100.0
	2	00.0	100.0	00.0	00.0	00.0	100.0	100.0
Mathematics								
advanced arithmetic..	1 160	8.9	15.4	17.7	23.1	34.9	75.3	65.1
elementary algebra..	31 639	19.0	17.9	20.6	16.9	25.6	78.6	74.4
intermediate " ..	7 016	13.9	16.5	15.9	15.7	38.0	74.0	62.0
advanced " ..	1 177	26.9	18.9	16.3	15.1	22.8	83.7	77.2
plane geometry.....	18 562	12.2	14.9	17.7	19.5	35.7	71.8	64.3
solid " ..	2 676	15.9	20.4	18.3	16.7	28.7	75.7	71.3
plane trigonometry..	1 541	25.9	20.8	14.1	15.2	24.0	82.2	76.0
spheric " ..	629	11.1	15.3	16.5	16.9	40.2	75.0	59.8
	64 400	16.4	17.0	18.8	17.6	30.2	76.1	69.8
Science								
physics.....	11 092	7.0	16.8	24.3	27.3	24.6	81.9	75.4
chemistry.....	3 195	6.7	18.6	27.0	26.1	21.6	84.6	78.4
biology.....	10 629	7.0	21.1	29.6	27.0	15.3	90.0	84.7
elem. botany.....	9 284	6.9	20.1	26.3	26.6	20.1	87.5	79.9
adv. " ..	473	5.7	14.6	24.3	23.9	31.5	83.1	68.5
elem. zoology.....	4 270	9.9	28.2	29.9	19.8	12.2	94.1	87.8
adv. " ..	337	0.3	6.5	16.3	19.9	57.0	77.2	43.0
physiology.....	14 236	4.3	14.5	27.2	25.2	28.8	82.2	71.2
physical geography..	3 287	3.8	16.5	30.2	29.5	20.0	89.4	80.0
	56 803	6.3	18.4	27.2	26.0	22.1	85.9	77.9
History & social science								
ancient, 3 hour.....	5 811	5.9	16.3	23.7	32.5	21.6	88.6	78.4
" 5 " ..	8 882	6.9	16.3	22.5	28.7	25.6	82.8	74.4
European, 3 hour...	118	2.5	9.3	16.2	46.6	25.4	92.4	74.6
" 5 " ..	255	5.5	7.1	22.7	29.0	35.7	80.4	64.3
Great Britain, 3 hour	5 556	5.5	17.5	24.3	30.5	22.2	84.7	77.8
" 5 " ..	4 122	4.0	18.0	27.1	27.3	23.6	86.4	76.4
American history &	8 690	3.1	15.6	27.3	31.4	22.6	86.4	77.4
civics.....	1 439	1.6	9.0	16.8	19.7	52.9	79.3	47.1
economics.....	907	8.3	26.0	33.9	20.3	11.5	99.0	88.5
	35 780	5.1	16.3	24.7	29.6	24.3	85.6	75.7

Academic examinations in schools, January and June 1909 (concluded)

	NUMBER OF ANSWER PAPERS WRITTEN	PER CENT OF THOSE WRITTEN RATED 90-100	PER CENT OF THOSE WRITTEN RATED 80-89	PER CENT OF THOSE WRITTEN RATED 70-79	PER CENT OF THOSE WRITTEN RATED 60-69	PER CENT OF THOSE WRITTEN RATED 50-59	PER CENT OF THOSE WRITTEN CLAIMED BY SCHOOLS (60-100)	PER CENT OF THOSE WRITTEN ALLOWED BY DEPARTMENT (60-100)
Commercial subjects								
business corresp.	733	2.6	11.3	20.9	20.7	44.5	88.5	55.5
" arithmetic.	1 853	1.2	4.3	9.0	13.6	71.9	44.1	28.1
com'l geography.	1 963	3.6	10.4	19.6	30.8	35.6	72.0	64.4
" law.	867	10.3	24.5	29.6	24.9	10.7	92.2	89.3
history of commerce.	153	11.7	17.7	23.5	17.7	29.4	83.0	70.6
stenography, 1st test.	1 570	25.3	27.8	13.6	8.8	24.5	80.0	75.5
" 2d test.	809	22.0	24.2	8.9	5.7	39.2	88.4	60.8
bookkeeping.	6 135	12.7	20.1	21.0	21.5	24.7	83.9	75.3
adv. bookkeeping.	860	6.8	11.6	20.2	23.1	38.3	79.7	61.7
business practice.	191	2.6	15.7	32.0	25.1	24.6	91.1	75.4
" writing.	3 302	1.7	15.8	27.9	23.4	31.2	91.4	68.8
typewriting.	1 320	6.4	23.5	27.1	24.0	19.0	91.1	81.0
	19 756	9.0	17.4	20.7	20.7	32.2	81.7	67.8
Drawing								
elementary.	20 652	2.2	12.0	24.2	25.9	35.7	75.8	64.3
advanced general.	6 362	7.7	22.4	27.9	21.7	20.3	87.8	79.7
" art.	252	1.2	12.3	13.1	28.6	44.8	86.9	55.2
" mechanical.	528	4.7	18.2	21.0	18.2	37.9	77.5	62.1
	27 794	3.5	14.4	24.9	24.9	32.3	78.7	67.7
Other subjects								
psychology and prin. of ed.	531	7.4	20.7	36.3	21.5	14.1	94.5	85.9
history & prin. of ed.	1 080	6.3	18.0	28.5	23.9	23.3	94.8	76.7
harmony & counterpoint.	14	7.1	14.3	21.4	28.6	28.6	85.7	71.4
rudiments of music.	663	0.5	2.1	4.8	9.2	83.4	31.4	16.6
ear train. & mus. dict.	17	17.7	23.5	17.7	11.7	29.4	88.2	70.6
musical form & analysis.	17	23.5	17.6	17.7	23.5	17.7	94.1	82.3
acoustics & hist. of music.	27	3.7	14.8	18.5	7.4	55.6	81.5	44.4
	2 349	5.1	14.1	23.3	18.9	38.6	76.6	61.4
Total.	385 113	6.5	15.8	24.9	25.7	27.1	81.9	72.9

The following tabulations and summaries show the volume of business accomplished by the Examinations Division during the year:

Papers rated in the Department 1909

Preliminary	98 949
Academic (schools)	315 225
Professional	32 795
Training class	18 475
Training school	10 983
Cornell scholarship	2 447
State certificate	4 090
Other teachers	1 926
<hr/>	
Total 1909	484 890
Total 1908	391 848
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Increase	93 042

Papers reported to the Department and recorded by the Examinations Division

Preliminary	256 196
Academic	348 020
Cornell scholarship	2 747
Training class	18 475
Training school	10 983
State teachers	4 090
Other teachers	1 926
Medical	5 192
Dental	1 890
Veterinary	218
C.P.A.	306
Nurse	5 634
Optometry	121
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Total 1909	655 798
Total 1908	593 415
<hr/>	
Increase	62 383

Credentials issued

Teachers certificates of all kinds.....	6 880
College entrance diplomas.....	172
Diplomas for high school subjects.....	1 307
Academic diplomas.....	1 336
Advanced diplomas.....	562
Preliminary certificates.....	25 650
Professional licenses on examination.....	1 368
Professional licenses without examination.....	2 134
Qualifying certificates.....	2 948
	<hr/>
	42 357

The total number of days' work spent in reading answer papers was 5492. The total number of days spent in clerical and other work of various kinds was 14,272½. It thus appears that the work of rating answer papers constitutes only 28% of the work of the Examinations Division.

A summary of the work of the division for the year would be as follows:

Printing and distributing about 2,000,000 question papers; rating 463,039 answer papers; issuing and recording 42,357 credentials, including diplomas, licenses and certificates of all kinds; indexing and recording under the names of about 1200 institutions 633,946 answer papers.

Even these tables and summaries do not give an adequate account of the work. The correspondence of the division occupying the entire time of four stenographers and some of the time of more than four, in answering the endless variety of questions, the giving of special information related to the work, passing upon admissions to examinations, especially the professional examinations, and the large variety of things that can not be classified, are all to be considered in this connection, although they do not admit of classification and tabulation.

Qualifications of principals in tax-supported public secondary schools

	Total number of academic departments	Total number of principals	HOLDING COLLEGE GRADUATE LICENSES			Normal graduates	Holding life State certificates	Holding other licenses	Graduates of both college and normal school
			College graduates	College graduate licenses	College professional licenses				
Cities	74	67	63	56	6	9	1	.....	5
High schools outside of cities		384	236	111	61	164	42	17	47
Senior schools		124	33	15	14	65	10	22	3
Middle schools	615	38	9	3	2	19	6	8	1
Junior schools		65	10	4	3	29	8	22	2
Total	689	678	351	189	86	286	67	69	58
Percentage		100%	51.8%	27.9%	12.7%	42.2%	9.9%	10.2%	8.6%

The above tabulation does not include the Normal College of the City of New York, the College of the City of New York or the schools for the blind.

College graduates	351
Normal graduates	286
Total	637
Duplicates	58
	<u>579</u>

The above shows the actual number of different principals graduated from colleges or normal schools to be 579.

Qualifications of assistant teachers in tax-supported public secondary schools

	Total number of teachers excluding principals	College graduates	HOLDING COLLEGE GRADUATE LICENSES.		Normal graduates	Holding life State certificates	Holding special licenses	Holding other licenses	Graduates of both college and normal school
			College graduate licenses	College professional licenses					
Cities.....	2 274	1 435	440	179	271	127	73	1 184	.....
High schools outside of cities.....	1 506	699	367	249	543	52	115	185	36
Senior schools.....	186	52	30	19	89	2	2	45	2
Middle schools.....	37	9	5	4	21	.....	.....	7	.....
Junior schools.....	51	12	12	.....	22	1	.....	16	.....
Total.....	4 054	2 207	864	451	946	182	190	1 437	37
Percentage.....	100%	54.4%	21.1%	11.1%	23.3%	4.5%	4.7%	35.5%	8.9%

The above tabulation does not include the Normal College of the City of New York, the College of the City of New York or the schools for the blind. Teachers employed for but a few days as substitutes have been omitted.

College graduates.....	2 207
Normal graduates.....	946
Total.....	3 153
Duplicates.....	37
	<u>3 116</u>

The above shows the actual number of different teachers graduated from colleges or normal schools to be 3116.

STUDENTS

The whole number of academic students reported for the year is 121,600 including 107,090 in public high schools, 14,510 in academies and the preparatory departments of colleges. The net increase of academic students for the year is 14,181 indicating a normal and wholesome growth in this department of the educational system.

Registration of secondary students 1908-9

	IN PUBLIC HIGH SCHOOLS	& IN PRIVATE ACADEMIES
First year	49 025	5 594
Second year	27 908	3 654
Third year	17 205	2 876
Fourth year	11 335	1 777
Unclassified	1 617	609
	<hr/>	<hr/>
Total	107 090	14 510
Graduated 1908-9	8 837	1 935

DISTRIBUTION OF PUBLIC HIGH SCHOOL STUDENTS IN CITIES, TOWNS AND VILLAGES

In cities	72 203
In villages over 5000	6 113
In villages between 2000 and 5000	7 634
In villages under 2000	18 599

SPECIAL

Normal College, New York city	2 495
New York Institution for the Blind, New York city...	20
New York School for the Blind, Batavia	26

107 090

The gain in the enrolment in public high schools over that of the previous year was 11,920 or 11 per cent. The total number of graduates from secondary schools was 10,772 or 8.9 per cent of all students enrolled as against 8.5 per cent for the previous year.

^a Includes academies departments of colleges (not included last year).

Students entering higher institutions

	Colleges	Normal schools and normal colleges	Training classes and professional and technical schools	Total
From public secondary schools...	2 147	648	2 139	4 934
From private academies (including preparatory departments of colleges).....	736	81	231	1 048
Total	2 883	729	2 370	5 982
Per cent gain over previous year.	38	50	51	44

The total number of students entering higher institutions is 55.5 per cent of the total number of graduates as compared with 45.7 per cent for the previous year. From the above figures it would seem that the secondary schools of the State are rapidly gaining in efficiency to retain their students for the completion of courses and to inspire them to seek the advantages of higher education. This increase of efficiency in connection with a decreased per capita cost of maintenance amounting to about 10 per cent is gratifying to the officers of the Department as it must also be to legislators and taxpayers.

APPORTIONMENT FOR FREE TUITION

	Boys	Girls	Total	Amount paid
To cities	620	830	1 450	\$25 754 88
To villages of at least 5000 inhabitants	469	630	1 099	19 045 87
To villages of at least 2000 inhabitants	908	1 331	2 239	39 059 37
To villages of fewer than 2000 inhabitants	2 623	4 139	6 762	114 184 01
	4 620	6 930	11 550	\$198 044 13

CHANGES IN LIST OF SECONDARY SCHOOLS

Academic departments of union free school districts have been admitted to the University during the year at Croton-on-Hudson, Dickinson Center, Freeville (Hunt Memorial School), Griffin Corners, Jeffersonville, Manhasset, Mattituck, Morrisonville, Rotterdam Junction, Syracuse (North High School) and Wallkill. The academic departments of the following unincor-

porated schools were admitted: St Clara's Academic School, East Aurora; St Clare's School, Mt Hope; St Joseph's Academic School, Schenectady; and St Mary's High School, Lancaster.

Provisional charters were granted to Chamberlain Military Institute of Randolph, to the Dickinson-Hurst School of Syracuse, to The Homestead School for Girls of Flushing and to the Travis Preparatory School of Syracuse. The provisional charter heretofore granted to Staten Island Academy (new organization, nonstock corporation) has been replaced by an absolute charter.

The Barlow School of Industrial Arts, Binghamton; Cary Collegiate Seminary, Oakfield; Easton Union School; Hogsburg Academy; St Brigid's Academy, New York city; St Philomena's School of Brushton, and Staten Island Academy, New Brighton (old organization, stock corporation) were dropped and discontinued from the University roll.

During the year the names of academic institutions were changed as follows: Augustinian Institute, Carthage to "Augustinian Academy of Carthage"; Callicoon Depot Union School to "Callicoon Union School"; Despatch Union School to "East Rochester Union School"; Syracuse Business High School to "Syracuse Technical High School"; and Ursuline Convent, Bedford Park, New York city, to "Academy of Mount Saint Ursula, Bedford Park, New York city."

The following named schools have been registered as giving approved instruction: Wood's Business School of Brooklyn and Irving School, West 84th street, New York city.

One junior and 14 senior schools have been advanced to high school grade; seven junior and six middle schools have been advanced to senior grade; and 12 junior schools to middle grade. The Altmar Union School was reduced from senior to junior grade, Buchanan Union School from middle to junior and Fishkill Union School from senior to middle.

EXPENDITURES

The total amount expended for secondary schools during the year was \$9,397,268.16, of which \$7,060,314.72 was expended for public high schools and \$2,336,953.44 for private academies. This represents an increase of \$88,329.60 for public high schools and an increase of \$166,000.32 for private academies, or a total net

increase of \$254,329.92 in the total expenditures for secondary education.

The estimated value of grounds and buildings for public secondary schools is \$25,075,416; for private academies \$9,757,366. These amounts represent an increase of \$1,193,402 for public high schools, and an increase of \$2,859,016^a for the academies, or a total increase of \$4,052,418^a.

For building sites, repairs and furniture, the sum of \$580,966.29 was expended for the tax-supported high schools, representing a decrease of \$534,977.62. The amount expended for the same purposes by academies was \$581,271.50, an increase of \$351,172.36^a.

In the tax-supported schools \$4,768,578.38 was expended for teachers' salaries, an increase for the year of \$364,779.58, the expenditure for the wages of teachers in academies was \$618,541.02, an increase of \$159,010.17^a.

The following table shows the per capita expenditure for secondary education based upon registration in public high schools and in private academies. Both classes of institutions have materially reduced the cost per pupil.

	1904-5	1905-6	1906-7	1907-8	1908-9
Public secondary schools	\$76 97	\$80 08	\$79 62	\$73 26	\$65 93
Private academies.	154 41	196 85	179 97	171 80	149 ..

APPROPRIATION OF ACADEMIC AND LIBRARY FUND

The amounts apportioned from the academic and library fund to the schools of the State for the fiscal year ending September 30, 1909, were as follows:

For quota of \$100 to each nonsectarian secondary school	\$64 700 ..
For library books, apparatus and pictures	141 479 18
For tuition of nonresident students	165 566 78
For attendance of academic students	204 616 21
Total	\$576 362 17

NUMBER AND GRADE OF SECONDARY SCHOOLS

The following table shows the number and grades of the secondary schools for the year ending July 31, 1909, and for the year preceding:

^a This year's figures include academic departments of colleges.

PUBLIC SECONDARY SCHOOLS

	High	Senior	Middle	Junior	Total
1909	465	123	34	70	692
1908	454	122	30	75	681

PRIVATE ACADEMIES

	High	Senior	Middle	Junior	Special	Total
1909	126	6	9	20	1	162
1908	118	10	8	21	2	159

DISTRIBUTION OF PUBLIC HIGH SCHOOLS IN CITIES, TOWNS AND VILLAGES

In cities.....	75
In villages over 5000.....	38
In villages between 2000 and 5000.....	81
Villages under 2000.....	495

SPECIAL

Cities	2
Villages over 5000.....	1

 692

REVISION OF THE ACADEMIC SYLLABUS

In accordance with established custom the quinquennial revision of the Academic Syllabus has been in progress during the year. The thorough and scholarly work accomplished in the preparation of the syllabus of 1905 has precluded the necessity of making radical changes in subjects whose content and methods have been established. A number of subjects, however, have not as yet become fixed in form or in content as high school subjects and some will appear for the first time in the syllabus of 1910. Among these are biology, physical geography, drawing, music, agriculture, domestic science, Italian and Hebrew. Teachers in the colleges and high schools of the State have contributed generous service to the revision of the syllabus, and organizations of teachers have suggested desirable modifications which will be incorporated in the new edition. Thus in a large sense the Academic Syllabus is a product of the schools of the State presenting the experience and practice of the best for the guidance and benefit of all.

STATE INSPECTION OF SECONDARY SCHOOLS

During the year the inspectors of the Department have given careful attention to the maintenance of approved courses of study and to securing a rational apportionment of time among the subjects of the curriculum. This has involved a large amount of correspondence and discussions between the schools and the Department, but it has resulted in correcting much erratic and ill advised procedure. Careful attention has also been given to methods of instruction and discipline and to supervision and administration in graded schools. Vigilant attention has been given to the proper care of books and apparatus provided in part by the State, and the Department has been insistent in its demands for the proper housing of the boys and girls in secondary schools.

During the year plans have been approved by the Commissioner of Education for new secondary school buildings as follows:

CITY OR TOWN	MATERIAL OF CONSTRUCTION	ROOMS	ESTIMATED COST
Afton	Brick	11	\$20 000
Angelica	"	8	21 000
Auburn	"	20	150 000
Boonville	"	19	40 000
Briarcliff Manor	"	12	45 000
Brownville	"	6	15 000
Candor	"	10	25 000
Chautauqua	"	8	25 000
Copenhagen	"	6	20 000
Corning	"	8	48 000
Croton	"	16	100 000
Cuba	"	13	50 000
Huntington	"	16	95 000
Johnstown	"	22	67 000
LeRoy	"	20	80 000
Lindenhurst	"	16	35 000
Luzerne	"	10	20 000
Oceanside	"	22	75 000
Ogdensburg	"	21	80 000
Peekskill	"	25	150 000
Pelham	"	12	50 000
Pleasantville	"	12	50 000
Rye	"	8	35 000
Salamanca	"	18	90 000
Skaneateles	"	15	40 000
Springville	"	26	75 000
Wyoming	"	8	15 000
Total		388	\$1 516 000

While the above noted activity in providing substantial modern buildings for secondary schools is largely due to the public spirit and good business foresight of local authorities and of the people, it is also due to the readiness of the Department to supply plans and provisional estimates and in extreme cases to reinforce the influence of local boards with the authority of the State.

THE HUDSON-FULTON CELEBRATION

The Hudson-Fulton Celebration Commission, through its General Commemorative Exercises Committee, assigned to the Commissioner of Education the task of extending to the schools of the State information relative to the celebration; and for the purpose of arousing general interest in the schools the Commission offered two medals to each high school and to each academy in the State for the best essays on the discovery of the Hudson river or of the application of steam to navigation thereon, one medal to be awarded to a boy and one to a girl in each school.

The Commissioner of Education immediately caused to be prepared an illustrated pamphlet for general distribution in the schools containing in compact form much valuable historical matter and suggestions for the preparation of essays, debates, maps and charts and other graphic representations, constructive work for smaller children, and tableaux for all ages and grades. The pamphlet also contained a short bibliography of accessible and helpful books to be consulted in the preparation of essays and debates.

Under date of April 26, 1909, the commission sent to the principals of all high schools and academies a letter of instructions concerning the essay contest, and designating September 25 as the date on which the contest should be closed.

No statistics have been collected showing how many essays were written; but 387 high schools and academies reported the names of 703 successful contestants to whom have been awarded handsome bronze medals with the names of the winners engraved thereon. It would be difficult to estimate in concrete and definite terms the widespread interest that was aroused by this contest in the history of the State of New York, or the permanence of that interest which will be perpetuated as the medals continue to be handed down from generation to generation.

Medals were awarded to the following named students:

Hudson-Fulton essay contest

Winners of medals in public high schools

NAME OF TOWN	BOY	GIRL
Adams	Everett J. Stafford	Gladys Tucker
Akron	Ransom M. Eckerson	Pearl E. Barney
Albany (High School)	John A. Reilly	Dorothy Pulis Lathrop
Albany (academic dep't N. Y. State Normal College)	Willis H. Morton	Jessie E. Luck
Alexandria Bay	John Davis Comstock	Blanche Frederick
Altamont	William S. Christman	
Altmar	W. Jay Ellis	Hazel G. Sellars
Amenia		Laura M. Bird
Amityville	Perry Belmont Duryea	Bernardine Smalling
Andes	James Aitken	Edith Campbell
Andover	J. Archie Diffin	Marguerite Earley
Angola		Angeline H. Lograsso
Arcade	Raymond Smith	Florence Davis
Argyle	Harry McDougall	
Athens	Leslie Van Woert	Ruth Self
Auburn	Kenneth Willoughby Moore	
Ausable Forks	Merryman T. Bosley	Addie Duprey
Babylon	Paul A. Bassett	Lucy A. House
Bainbridge	George N. Moore	Pearl Decker
Ballston Spa	H. Wells Person	
Batavia	Abraham Levy	Ruth T. Farrall
Bath (Haverling H. S.)		Genevieve Schoch
Bay Shore	Ralph C. Harris	Flora R. Brandsema
Belfast	Benton Elwood Bar- ringer	Bernice Lyon
Bergen	Harold C. Peck	Elizabeth Cecil Keenan
Berlin	Paul Sonne	Mildred Hull
Binghamton	Ralph M. Vincent	
Black River	Clarence M. Slack	Hazel E. Merriman
Brewster	Leon S. Mygatt	Myra Stannard
Broadalbin	David Chapman	Mae Holloran
Brocton	Carrol B. Johnson	Marjorie G. Skinner
Brooklyn [See New York city]		
Buchanan	James Edgar	May Wohlmacker
Buffalo (Central H. S.)	Harold A. Grotke	Etta T. Becker
Burdett	Edmund Fahl	Grace Lovell
Cairo	J. Wesley Bulmer	Minda Miller
Callicoon	William B. Hartung	Lillie Thorwelle
Canandaigua	Emmett Fiske	J. Esabell Donovan
Candor	Earl Delevan Dean	Ruth Helena Downing
Cape Vincent	Walter C. Best	Jennie Bennett
Cato	Clifford Knapp	Jennie Murphy
Catskill	Rodney Lethbridge	Margaret E. Watson
Center Moriches	George Hawkins	Florence L. Tuttle
Central Valley	Howard B. Gregory	Dorothy E. Terry
Champlain	Oscar Bredenberg	
Chateaugay	M. Gerald Ryan	Margaret S. Hicks
Chatham	Ray J. Battershall	Helen N. Tobias
Chenango Forks	Ralph Terwilliger	Florence Butts
Cherry Creek	Charles Allnatt	Ethel Harper

NAME OF TOWN	BOY	GIRL
Cherry Valley	Earl L. Georgia	Hilda E. Streeter
Chester	Thomas Roe	Helen Roe
Churchville	-----	Lois Lemmon
Clarence	Walter Schworm	-----
Clinton	Harry B. Elkington	Mildred A. Boden
Cobleskill	Francis Van Schaick	Mildred Noxon
Coeymans	Lauren Robbins	E. Vera Tobin
Cohoes (Egberts H. S.)	Earl MacNeill	Anna May Bowden
Cold Spring-on-Hudson	Abram Harman	Beatrice L. Bullock
Cooperstown	William H. Michaels jr	Elsie Green
Corfu	Anson Lawrence	Mary Holihan
Corinth	-----	Isabella May Hardie
Corning (North Side H. S.)	Erford L. Bedient	-----
Cornwall	-----	Alice May Brewster
Cornwall-on-Hudson	Bartley G. Furey	Carolyn M. Velten
Cortland	Ferdinand Di Bartolo	Mabel M. Ellison
Coxsackie	Elliott Ryder	Ada Brandow
Cuba	-----	Mabel French
Dansville	-----	Anna J. Hammond
Dayton	Harry Bixby	Leah Richardson
Delhi	Howard Graham	Evelyn Clark
Depew	Martin Tyrrell	Rachel Armstrong
Deposit	Francis Hathaway	Florence Axtell
De Ruyter	Archie Webstero	Marcia Brown
Dexter	C. Emmett Crittenton	Ruth A. Maynard
Dickinson Center	Ernest Aiken	Ethel McComber
Dobbs Ferry	Charles Cunningham	Lucie Rehaut
Dolgeville	Werner F. Reith	Catharine G. Van Valk- enburg
Downsville	Fred D. Wilson	Maggie E. Turnbull
Dundee	Wendell P. Shattuck	-----
Dunkirk	Alexander Fink	Hazel Moser
Earlville	Mark Hoadley	Gertrude Billings
East Aurora	Earl B. Miller	Margery Clyde Abbott
East Islip	William J. Drab	Helen Smisek
East Randolph	Percy Paisley	Frances Sterling
East Worcester	-----	Olena C. Skinner
Eaton	Willard Durfee	Ethel M. Wheeler
Edmeston	Vaughan W. Dutton	-----
Elbridge	Frank Dye	Clarice O'Connor
Ellenberg	Herbert O. Bell	Cora A. Gibson
Ellicottville	Sidney Johnston	-----
Ellington	-----	Eleanor Hopkins
Elmira	Willard Jones	Ethel Coventry
Fairport	Lawrence J. Steele	Amelia E. Bluhm
Fayetteville	Donald Armstrong	Marion Dawson
Fishkill-on-Hudson	Ignace Hart	Helen J. Keating
Fonda	Raymond R. Jansen	Ruth Howard
Forestville	Lee H. Sharpe	Gertrude R. Pattyson
Fort Ann	Lawrence S. Cramer	Vertna Curtis
Fort Edward	-----	Marion H. Mills
Frankfort	Newell Brewer	Lily Pierce
Freeville	Rollo Hinton	Glenola Sutfin
Frewsburg	Harold C. Hobart	Audre L. Little
Fultonville	Louis M. Lounsbery	Leah M. Bauder

NAME OF TOWN	BOY	GIRL
Gardenville	Paul Halmhuber	Hilda Bender
Geneva	Alfred Nelson Hall	Katharine Elizabeth Gracey
Gilbertsville	James H. Dixon	Ethel G. Toles
Glen Cove	Marple Mower	Dorothy Bowne
Glens Falls	John Eddy	Meribah Moore
Gloversville	Floyd Lansing	Ida Ruth Morein
Good Ground	Arthur W. Silliman	Annie A. Fanning
Gouverneur	Thomas Canfield	
Gowanda	John Gayton	Doris Dalarymple
Granville	Leon M. Layden	Florence H. Tenney
Great Valley	Devere Flint	Velma Smith
Greene		Laura Wolcott
Greenport	Charles Benjamin	Bertha B. Terry
Groveland	James S. Kingston	
Guilford		Ono Bradley
Hamburg		Saville McConnell
Hamilton		Elizabeth Brigham
Hancock	Harley A. Williams	Willma Williams
Hannibal	Crossman Calvert	Rhea Lewis
Harrison	Paul Smith	Marguerite Wightwick
Harrisville	John Gill	Helena Mannigan
Haverstraw	G. Hubert Bonsall	Jennie M. Sutherland
Hempstead	Charles W. Whitehouse	Helga Mortenson
Herkimer	Raymond Wood	Marian Race
Hermon	Floyed Woods	Olga Westurn
Heuvelton	Myron Mayne	
Highland	Harold J. Upright	Myra E. Covert
Highland Falls	James O'Neill	Rose Rosenberg
Hobart	Edwin G. Simmons	Margaret E. George
Honeoye Falls		Lyda Bancroft
Hoosick Falls	John J. Keefe	
Hornell	Roscoe Conklin Eaton	Agnes Hagen
Hudson	Raymond L. Aken	Ethel Haines
Hunter	Claude Lake	
Indian Lake	Guy Fish	Julia Cross
Interlaken	Wesley Kellogg	Florence V. Boyer
Irrington	Walter C. Elder	Ina Scott
Islip	David Schafer	Helen Leroy Edwards
Ithaca	Vincent Leonard	Lydia Grace Cotton
Jamestown	Floyd Gardner Bushey	Ida Charlotte Eng- strom
Johnstown	Olin Still Putnam	Edith Bryant
Jordan	Silas Parry	Marie G. McInteer
Katonah	Peter Noe	Hazel Strakosch
Keeseville	Roy Richard	
Kingston (Kingston Acad.)	Edson L. Wood	Mary Celestina Keefe
Kingston (Ulster Acad.)	C. Harry Peters	
Lafargeville	Everett McCormick	Marcia Coon
Lafayette	Herbert L. Albing	Helene C. Mannheim
Lawrence		Anna McGinn
Leroy	Paul Olmstead Samson	
Lestershire	Romaine MacMinn	Lila Taylor
Lewiston	Ward Hoffman	Frances Beggs

NAME OF TOWN	BOY	GIRL
Liberty	Stephen W. Royce	Margery Weyrauch
Limestone		Florence Brands
Little Falls	Charles W. Fowler	Marion C. Burney
Lowville	W. Manville Johnson	Vera M. Burrington
Lyndonville		Margaret A. Beecher
Malone	Albert S. Robinson	Beatrice Reynolds
Mamaroneck	Robert R. Titus	Ethel F. Tyler
Mamaroneck (Rye Neck H. S.)	J. Ross Coffin	Alice Barker
Manchester	Gordon K. Cole	Esther Comiskey
Marathon	Lew E. Harvey	Nina B. Gowan
Margaretville	Andrew S. Coulter	Leone Archibald
Massena	Frank E. Duvey	
Mattituck	Vere G. Hazard	Irma E. Reeve
Mayfield	Lewis Reynolds	Hazel Lewis
Mayville		Ruth Jones
Mechanicville		Theresa M. Hines
Mexico		Amelia H. Munson
Middleburg	Frederick Cornwell	Mildred Wells
Middle Granville	Lawrence Norton	Anna Grace Quinlan
Middlesex	Oliver Smith	Alice Bardwell
Middletown	Lester J. Conkling	Nellie Agnes Rose
Middleville	Charles S. Wooster	
Mohawk	Edward Burns	Flossie Williams
Montgomery		Eleanor M. Van Keuren
Moers		Carolyn Leonard
Moravia	James Howard Green	Frances Mary Bigelow
Morris	Lynn D. Hunt	Blanche M. Foote
Moscow	James McCormick	Catherine L. Ash
Mt Morris	Jackson Osborne	Margaret Donovan
New Berlin	Burleigh Names Phelps	Marie Isadore Chewing
Newburgh	Daniel Wilkes Brown	Roberta Eleanor Smyth
Newfield		Helen Dassance
New York City		
Bryant H. S., Long Island City	George Grotz	Lillian M. Bradley
Commercial H. S., Brooklyn	{ Julius Hennig Morris Diamond	(No girls in school)
Curtis H. S., New Brighton	Joseph Ansheles	Amy Harrington
DeWitt Clinton H. S., New York	{ Scott Umsted Harold L. Mejerhoff	
Eastern District H. S., Brooklyn	Joseph J. McCann	Rose Oblas
Erasmus Hall H. S., Brooklyn	_____	Shirley Rolfe Chamberlain
Far Rockaway H. S., Far Rockaway	Lawrence S. Kubie	May McKenna
Flushing H. S., Flush- ing	Paul S. Towne	Grace L. Hubbard
Girls H. S., Brooklyn	_____	{ Gertrude W. Barnum Lillian Gladys Avery
High School of Com- merce, New York	Sidney Bobbe	
Jamaica H. S., Ja- maica	Joseph Greenberg	Edna D. Johnson
Morris H. S., New York	Augustus Morgan Arm- strong	Julia W. Rauch

NAME OF TOWN	BOY	GIRL
New York City (<i>cont'd</i>)		
Newtown H. S., Elm-hurst	J. Leonard Doyle	Dorothy Homans
Richmond Hill H. S., Richmond Hill	William E. Clark	Dorothy G. Stewart
Stuyvesant H. S., New York	{ Carl J. Austrian Albert E. Welch	_____
Wadleigh H. S., New York	_____	Amy E. Schechter
Washington Irving H. S., New York	_____	{ Emmelina Dethierry Walker Ethel Gross Emma J. Ferguson Clara I. Veitch Helen Augur
New York Mills	J. Howard Finch	_____
New York Mills, No. 2	Ernest Whynall	Ruth Dunham
New Rochelle	Herman Krouskoff	Marion Beecher
Niagara Falls	Carl Laurier	_____
Nichols	Howard M. Keyser	S. Ruth Merrill
North Cohocton and Atlanta	Edward Jay Cottrell	Marvel Dedrick
North Lawrence	Harley D. Farnsworth	Edith Stoll
North Tarrytown	Everett Russell	Rose Estelle Don- nocker
North Tonawanda	Warren Mundie	_____
Northport	James Bowen Clarke	Helen Bungart
Oakfield	William Stevens	Caroline Elizabeth Morris
Ocean Side	Clarence Bird	Margaret E. Slocum
Olean	William Coast Conkling	Carrie Davis
Onondaga Valley	_____	May L. Morris
Ossining	Herbert Gerlach	Nenah Ostrom
Ovid	Willis B. Combs	_____
Oxford	Morgan K. Harris	Edith L. Giles
Palenville	J. Hobart Holcomb	Eloise Converse
Palmyra	Leon A. Plumb	Eva E. Garnsey
Patterson	George Knapp	Jennie S. Boyd
Pearl River	Charles F. Bohr	Bessie C. Taylor
Peekskill (Drum Hill H. S.)	Clarence C. Conklin	_____
Phelps	Howard G. Mickelsen	Maud E. Donnelly
Philadelphia	Rowland K. Bennett	Grace M. Danfoth
Philmont	Louis Van Dyck	Edna L. Simmons
Phoenix	_____	Stella Remington
Piermont	Harold H. Cassidy	Charlotte Crowley
Pike	Harry Cross	Lillian C. Russell
Plattsburg	Leo R. Gauthier	Frances Neally Baker
Pleasantville	Charles S. Jamison	Harriette L. Horton
Poland	_____	Florence Read
Pompey	Frank L. Kelly	Winifred L. Conan
Port Chester	Albert W. Protheroe	Bertha C. Anderson
Port Henry	Walter R. Carr	Rena Bigalow
Port Jervis	Wendell E. Phillips	_____
Poughkeepsie	Richard Connell jr	Florence Traviss
Prattsburg	Earl Van Scoy	Rhodie Stone
Pulaski	Charles C. Johnson	Ruth Adams
Randolph	John Wyllys	Marjorie Carlisle
Ravena	Paul L. Kelch	Lillian M. King
Red Creek	_____	Hermione D. Cartner
Red Hook	Herbert S. Havens	Marjorie Barringer

NAME OF TOWN	BOY	GIRL
Rensselaer	Charles A. Snyder	Mahala Clute
Rhinebeck	Parker C. Miles	Albertina T. B. Traver
Richfield Springs	Jesse Ayer	
Richmondville		Ada Cullinan
Ripley	Verne Barnes	Laura Hildred
Riverhead		Marjorie Penny
Rochester (East H. S.)	Russell A. Lipscomb	Pearl Darron
Rochester (Mechanics Institute)	Leon Starkey	
	William H. Stevens	
Rochester (West H. S.)	Robert Edwin Ross	Mary McLean Sutherland
Roscoe	William Hones jr	
Roslyn	H. Ernest Conklin	Hazel Woodin
Roxbury	Grant D. Morse	Alice Hubbell
Rushville	Irwin Read	Mildred Greene
Sag Harbor	Harry Restopski	
St Johnsville	Bliss Jacob Youker	Marie Louise Dockerty
St Regis Falls	Harry L. Griffin	June Lampson
Sandy Creek		Flora E. Stone
Sandy Hill	Ralph Edward Bennett	
Saranac Lake		Helen Mae Johnson
Saratoga Springs	Clarence F. Meehan	Helen A. Smith
Saugerties	Hugh S. Chidester	Marguerite V. V. Smith
Schenectady		Sarah M. Gregg
Schuylerville	Joseph Roy Wood	Loretto Frances Barrett
Scio	Ivan Howe	Mildred Loomis
Scotia	James Gould	Ethel Stewart
Sea Cliff	Elias Raff	
Seneca Falls	Raymond Perre Donley	
Sinclairville		Lulu L. Cross
Sodus	F. Leslie Robinson	Alice E. Mills
South Dayton	Clair Sweetland	Bessie M. Johnson
South Glens Falls	Ralph Rolland Sherman	Florence M. Holleran
South Otselic	John C. Church	Susie E. Miner
Spencer	Warren Seely	Autumn Barrett
Spencerport	John Rogers	Gertrude Dunn
Spring Valley	H. Parker Talman	Edith R. Schapiro
Springville	John M. Salzler	Esther Shuttleworth
Staatsburg	Theophilud Dimmick	Helen G. Stickel
Stony Point	Hanford B. Hurd	Ada Ten Eyck
Syracuse (High School)	Louis D. Burrill	
Syracuse (North H. S.)		Jessie Ingram
Syracuse (Technical H. S.)	Charles Edward Eslinger	Sarah Elizabeth Egloff
Theresa	Wells Hendrickson	
Ticonderoga	Robert H. Hill	Cassie Nedead
Tivoli	Charles Burnett	Florence A. Peelor
Tomkins Cove	Leland S. Hastings	Anna E. Hastings
Troupsburg	Robert A. Plaisted	Alice M. Wyckoff
Troy (High School)	George B. Roth	Mildred Beatrice Collins
Troy (Lansingburg H. S.)	Philip Charles Rummel	Mary Kenyon
Tuckahoe	William Vincent Fitzgerald	Maurine Leslie Illig

NAME OF TOWN	BOY	GIRL
Turin	W. Stuart Holden	Carrie Sattes
Tuxedo Park	George Stanly Dart	Grace Hall
Valatie	Guy Richelieu Haddy	Delia McConnell
Victor	Gilbert Albridge	Elsie Sheck
Walden	_____	Louise M. Leeds
Washingtonville	Andrew J. Miller	Ellen M. Peterson
Waterford	Henry F. Wagner	Bertha H. Clute
Waterville	Everett L. Jones	Helen Hilsinger
Watkins	Harry Gabriel	Ellen C. Wigsten
Waverly	Raymond Smith	Elnora Quick
Webster	David William Jones	Edna R. Scutt
West Valley	Leo E. Gibbin	Clara Ehmann
Westbury	Francis Kivlighn	Gertude Brown
Westfield	Fred S. Richardson	Olive Kunkel
Westhampton Beach	William Hulse	Ruth Carter
Westport	Daniel Newell	Mary Ryan
White Plains	Henry Coe Place	Lula Amelia Carpenter
Whitehall	Harry Kilburn	Louise Davis Dennis
Whitesville	Glen H. Potter	Laura Sellers
Williamsville	Arthur Morley	Laura Steinbrenner
Windham	Elbert B. Mattoon	Alice J. Osborn
Yonkers	John W. Draper	Sadie R. Lull

Winners of medals in academies

NAME OF ACADEMY	BOY	GIRL
Academy of Mt St Vincent, New York	_____	{ Laurette Reynaud Ora Every
Academy of Mt St Ursula, Bedford Park	_____	{ Katherine Conlon Margaret Hammer
Academy of the Sacred Heart, Syracuse	William E. McClusky	Mary E. Cullivan
Academy of St Joseph, Brentwood	_____	{ Olga A. Cooke Rosa A. Metzner
All Saints Academy, 1967 Madison av., New York	_____	{ Katherine V. Griffin Marie Roach
Augustine Academy, Carthage	Edward J. Whalen	Marie Reynolds
Canisius College (acad. dep't), Buffalo	{ Herbert D. Chabot George W. Wannemacher	_____
Cathedral Academy, Albany	James A. Flanagan	Loretta A. Clancy
Cathedral School, New York	_____	{ Helen Montague Margaret Small
Champlain Academy, Port Henry	Gerard Truman	Luraine Hedding
Christian Brothers Academy, Albany	{ Joseph M. Cantwell Edward Delehanty	_____
Clason Point Military Academy, Westchester	{ Frank Walls Young Robert J. Rooney	_____
Cook Academy, Montour Falls	_____	Gertrude M. Hurd

NAME OF ACADEMY	BOY	GIRL
De La Salle Institute, New York	{ Francis Edebohls Gerald Grant	_____
De Veaux School, Ni- agara Falls	{ Thomas Cook Brown Howard Bertram Willis	_____
D'Youville Academy, Plattsburg	_____	{ Martha E. Roger Florence M. Maple
Female Academy of the Sacred Heart, Ken- wood, Albany	_____	{ Margaret Loftus Mary Regina Irwin
Fordham University, St John's College H. S.	{ Hugh Allen Joseph A. Kerwin	_____
Glens Falls Academy, Glens Falls	Paul B. West	Geraldine Lockhart
Holy Cross Academic School, Albany	William Scheibly	Marie Seger
Holy Cross Academy, New York	_____	{ Ellen E. Grogan Marie C. Williams
Holy Ghost Academic School, Tupper Lake	Ulric Plante	Beatrice Coutu
Immaculate Heart Aca- demy, Watertown	Alexander Hastings	Ella McIver
Ladycliffe Academy, Highland Falls	_____	{ Nora Dobbins Mary T. Morgan
LaSalle Academy, New York	{ Joseph Connery John Goggin	_____
LaSalle Institute, Troy	{ Joseph B. Higgins William J. Ryan	_____
McAuley Academy, Keeseville	_____	{ Amy E. Harding Helen P. Reagan
Mt Mercy Academy, Buffalo	_____	{ Catharine O'Connor Agnes Joyce
Mt St Joeseeph Aca- demy, Buffalo	_____	{ Florence Post Martha Schnieder
Nazareth Academy, Rochester	_____	{ Justina Cunningham Emily Lyons
Palmer Institute, Lake- mont	Clarence H. Pedley	_____
Pawling School	Wesley M. Oler jr	_____
Queen of the Rosary Academy, Amityville	_____	{ Esther Sherlock Frederica Eckl
Sacred Heart Academic School, Cohoes	Frank Ouimette	Marie Boudreau
St Agnes Female Semi- nary, Brooklyn	_____	{ Anna B. Catherwood Irene M. Dailey
St Angela's Hall Aca- demy, Brooklyn	_____	{ Isabel F. McCloskey Florence A. Boyce
St Ann's Academic School, Nyack	John William O'Brien	Mary F. Sheeky
St Augustine's Aca- demic School, Troy	Francis B. Cleary	Helen M. Dundon

NAME OF ACADEMY	BOY	GIRL
St Bernard's Academy, Cohoes	Edward Corcoran	Irene Greeley
St Catherine's Academy, New York	————	{ May Hawkins Agnes O'Gorman Nechia M. Russell
St Clara's Academic School, East Aurora	Vincent Ragan	
St Francis Xavier Aca- demy, Brooklyn	————	{ Loretto F. Clarke Irene C. Mahoney Josephine M. Bohan Katherine M. Gaffney Emma Elliott Taylor
St James Academy, Brooklyn	————	
St John's Academic School, Schenectady	William H. Stapleton	
St John's Academy, Al- bany	————	{ Mary Gill Catherine Jordan Mary Sennett
St John's Academy, Rensselaer	James Hanrahan	
St Joseph's Academic School, Batavia	Joseph A. Maher	Anna L. McMahan
St Joseph's Academic School, Schenectady	Peter Clute	Margaret Pitts
St Joseph's Academy, Albany	Joseph W. Lauer	Winifred A. Kelly
St Joseph's Academy, Binghamton	Harry Carl	Mary Brennan
St Joseph's Academy, Lockport	————	{ Dolores Müller Gertrude S. Murphy Hope Boyle Martha Miles Lucy Benson
St Joseph's Academy, Mt Vernon	————	
St Joseph's Academy, Troy	Charles Carey	
St Joseph's Collegiate Institute, Buffalo	{ Harry B. Bingham John E. Horbett William J. Farrycy	————
St Lucy's Academy, Syracuse	————	Elizabeth Colbert
St Mary's Academy, Dunkirk	Miles H. Burke	Clara Mazany
St Mary's Academy, Hoosick Falls	James M. Brahan	Zita Whitkop
St Mary's Academy, Hudson	Thomas W. Flatley	Julia M. Hayes
St Mary's Academy, Little Falls	————	{ Cecelia Cunningham Marguerite Fleming Helene Bovard
St Mary's Academy, Ogdensburg	Edwin C. Dinneen	
St Mary's Academy & Industrial Female School, Buffalo	————	{ Nanette Lancaster Nellie Madden
St Mary's High School, Lancaster	Theodore Loecher	Melinda Adolf
St Mary's Institute, Amsterdam	Aloysius Bergen	Winifred Collins
St Patrick's Academy, Catskill	John Welsh	Jane Wicks
St Patrick's Academy, Troy	————	{ Catherine Hall Marie Blake Irene Hoffmeister
St Peter's Academy, Troy	James McCormick	
St Teresa's School, Brooklyn	————	Margaret M. Quinn
St. Thomas Aquinas Academy, Brooklyn	James F. Sammon	Mary A. Deery

NAME OF ACADEMY	BOY	GIRL
Troy Academy, Troy	{ John Thatcher Morris Harvey Wilbur Bow- man	_____
Ursuline Academic School, Middletown	_____	{ Cecelia Mullany Ruth Gemmill
Ursuline Academy, New Rochelle	_____	{ Eleanor G. Brady Frances M. Petty
Utica Catholic Aca- demy, Utica	Francis J. O'Hanlon	Anna Loretto Coyne
Watervliet Academy	William A. Lipp	Vera F. Connell

STATE NORMAL COLLEGE

The year ending in June 1909 marked the completion of the period when the State Normal College was compelled to conduct its class work in scattered buildings never intended for such purposes. It was, however, a year of sustained interest and effort which were not in any degree below the record of previous years. The enrolment was over 200, including the entering class of September 1908, which was of very encouraging size in spite of the unfavorable conditions for work. The graduating class, however, was smaller than usual, since the college was completing at that time only the third year of the new four year courses and had no graduates from the full college courses; it was composed of college graduates, normal school graduates, and students who had entered from other colleges with advanced standing.

The new college buildings attract general attention because of their architectural beauty and the charming grounds surrounding them. Many of the large and beautiful trees growing upon the site were spared and they give an air of maturity as well as relief from the barrenness usually characteristic of newly laid out grounds.

The erection of the buildings was finished in advance of the time set by the contract and good opportunity was given to arrange for the furnishing before the opening of the fall session. The wood-work is of dark weathered oak and the office and classroom furniture, as well as that of the laboratories and the library and the auditorium, is also of the same material. The students' chairs are provided with movable writing tablets, noiseless and compact, which are the invention of Miss Mary A. McClelland, a member of the Normal College faculty. In the laboratories the equipment includes the best modern facilities for careful scientific work; and although the furnishing of these departments is incomplete, a very high grade of material has been supplied to the extent of the appropriation. Steel lockers for both students and teachers are provided in the

basement as well as ample toilets and baths; additional toilets are placed on every floor in each building. The auditorium is equipped with attractive and serviceable opera chairs and the gymnasium which is located in the same building is provided with apparatus needful for proper physical training. It is probably the most completely equipped gymnasium in this part of New York State

To provide furnishings and equipment for the new buildings the Legislature of 1909 was asked to appropriate \$109,000. This amount was thought necessary after careful consideration and detailed estimates of the cost of the requirements for adequate work in the various departments of the college. But after due deliberation, the Legislature settled upon \$50,000 as the sum to be appropriated for this purpose. It was not sufficient to install all the equipment called for by the new courses of study and consequently it was decided by the Commissioner of Education and the trustees to postpone for a year the inauguration of the course in domestic science and manual and industrial training.

As the plan of the new college made no provision for a separate building for the practice school, the work of the model high school is conducted in a group of classrooms apart from the rooms where college students regularly meet. This was more easily possible since it had been decided that the Normal College was to confine its work to the preparation of teachers for secondary schools; that the practice school should consist of a model high school only; and that, consequently, beginning with September 1909 the lower schools should be abolished. This ruling, however, was modified, so as to continue the seventh and eighth grades for two years and one year respectively for the benefit of the students in these classes who desired to complete in the model school their preparation for the model high school. Rooms for these grammar grade classes are provided temporarily in the quarters to be utilized later by the domestic science department.

Regular class work began in the new buildings September 8. The entering class numbered nearly 120 approximately twice as large as the number that entered the previous year. The senior class, which was augmented by a considerable number of college graduates, is made up for the most part of students who will have spent four years in the Normal College, this being the first class to have completed from the beginning the new reorganized four year courses leading to the degrees of B. A. and B. S. This lengthening of the course from two to four years has wrought a very perceptible and

most satisfying increase in the development of the students and has given a strength and force to their professional as well as their academic equipment that amply warrant the additional time and effort entailed. Furthermore, the combination of the professional studies in the same four years course with the academic studies puts the entire work of the student into a professional atmosphere, bringing it in all departments in direct relation to his future occupation. He is striving to gain knowledge not for its own sake merely but in order that he may utilize it later as a teacher, and in this process he gains necessarily an enlarged and more comprehensive view of each subject pursued. He is led to see also the various methods of treating and presenting subjects, and to understand the relations that should exist between teachers and pupils, so that he gains that professional spirit which always distinguishes the efficient teacher from the indifferent one. Thus the very character of the work done at the Normal College in performing its special function to prepare teachers for service in the secondary and normal schools of the State, operates naturally to give the students the bearing and point of view of teachers in the special fields of academic study, in which they have attained a high grade of scholarship.

The student body has been made up, as in other years, of those who are high school graduates and are pursuing regular four year courses leading to the degrees of B. A. and B. S.; those who have completed a course at a normal school of the State or at the State Normal College before the courses were lengthened to four years and are permitted under special conditions to finish the above named courses in two years; those who are graduates of other colleges and are taking the one year professional courses designed for such students, which leads to the degree of Pd.B.; and those who have been admitted to advanced standing from other institutions and are pursuing the regular courses. Some of those students have already had teaching experience and are more mature than the others, having undertaken the more advanced work because of a conscious lack of scholarship which is demanded for the most successful teaching. But all the students whether they have had previous experience in teaching or not, whether they have had high school, normal school or college preparation, are brought together in the same professional atmosphere, by the same professional spirit, and united in the pursuit of a definite preparation for their life work as teachers. Animated, therefore, by one common aim, they show a most gratifying appreciation of the opportunities afforded them and are earnest and enthusiastic workers.

On October 28, 1909, exercises were held for the dedication of the new college buildings which brought together a larger and more representative gathering of students, teachers and educators than has been seen in Albany in many years. Besides the Governor of the State there were present the State Commissioner of Education, his three assistants, and many other officials from the State Education Department, several college presidents, nearly all the normal school principals of the State, about 60 superintendents of schools, several hundred teachers from all parts of the State, besides representative clergymen, professional men and friends, aggregating not less than twelve hundred persons. It was a most auspicious occasion. After the exercises of dedication and congratulations, the buildings were opened for public inspection and were the objects of much generous and spontaneous admiration for their beauty, spaciousness and perfect adaptation to the work for which they were erected. The formal dedicatory exercises under the direction of President William J. Milne Ph.D. LL.D. included addresses by His Excellency, Charles Evans Hughes LL.D., Governor of the State of New York, Andrew Sloan Draper LL.B. LL.D., State Commissioner of Education, and Hon. St Clair McKelway LL.D. D.C.L., Vice Chancellor of the Regents of the University of the State of New York.

BOARD OF TRUSTEES

The following gentlemen compose the board of trustees in charge of the college: Commissioner Andrew S. Draper LL.B. LL.D., chairman; Samuel B. Ward M.D. Ph.D., secretary and treasurer; Ledyard Cogswell M.A.; Thomas E. Finegan M.A. Pd.D.; James B. McEwan, B.A.

William Bayard Van Rensselaer, for several years a member of the board, died September 25, 1909. By his death the trustees have lost a very valuable member of their board. Mr Van Rensselaer was a man who interested himself very thoroughly in the work of the college and gladly devoted his time and his talents to the discharge of the duties which were assigned him by the board. His genial disposition, his clear and intelligent grasp of the problems coming before the board, his earnest wish to do everything possible to make the college conspicuous for its worth to the State of New York make the memory of his life and his service a cherished possession of his colleagues.

On October 28, 1909, by the concurrent action of the Commissioner of Education and the Board of Regents, Mr James B. McEwan was appointed a trustee of the college to fill the vacancy caused by the death of Mr Van Rensselaer.

CHANGES IN THE FACULTY

During the year David Hutchinson B.D. M.A. was appointed assistant professor in history; Adam A. Walker B.A. was appointed assistant professor in government and economics and Barnard S. Bronson B.A. was appointed assistant professor in chemistry. Alfred E. Rejall M.A. was appointed professor of psychology and philosophy instead of Miss E. Helen Hannahs who resigned after a period of 20 years of service to accept a similar position in Adelphi College, Brooklyn, N. Y.; Richard H. Kirtland M.A. was appointed professor in English; Adna W. Risley B.A. was appointed professor in history and Fannie A. Dunsford B.A. was appointed to take charge of the department of physical culture and gymnastics.

In consequence of the discontinuance of most of the work in the grammar, primary and kindergarten departments the following teachers were relieved from duty; Ida M. Isdell, Helen L. Sewell from the kindergarten department; and Kathleen A. Phillip from grammar department. Anne L. Cushing was appointed assistant in high school department; and Angeline Finney and Elizabeth F. Shaver were appointed to take charge of the seventh and eighth grades which are to continue for the year 1909-10. Mr Horatio Pollock left during the year to accept a position in Union College, Schenectady.

FACULTY 1909-10

William J. Milne Ph.D. LL.D., president; William B. Aspinwall Pd.M. Ph.D., assistant to the president, history and principles of education; Albert N. Husted M.A. Ph.D., mathematics; William V. Jones M.A. Ph.D., commercial branches; Mary A. McClelland, history; Samuel B. Belding, vocal music; Anna E. Pierce, elementary education; Margaret S. Mooney, English; Edith Bodley, secretary to the faculty; Edward W. Wetmore M.A. Pd.D., physical science; M. Harriet Bishop, elementary education; Leonard W. Richardson M.A. LL.D., Greek and Latin; Eunice A. Perine, fine arts and botany; Caroline R. Horne B.A. Pd.B., Greek and Latin; H. Louise McCutcheon B.A. Pd.B., French; John M. Sayles B.A. Pd.B., principal of high school department; Charlotte Loeb B.A. Pd.B., German; Clifford A. Woodard B.A. Pd.B., zoology and earth science;

Harry Birchenough B.A. Pd.B., mathematics; Winfred C. Decker B.A. Pd.B., German; Louise W. Clement B.A. Pd.B., English and history; Ruth A. Cook B.A. Pd.B., French; Barnard S. Bronson B.A., chemistry; David Hutchinson D.B. M.A., history; Adam A. Walker B.A., government and economics; Anne L. Cushing Pd.B., Greek and history; Elizabeth F. Shaver B.A. Pd.B., model teaching; Angeline Finney Pd.B., model teaching; Adna W. Risley B.A., history; Alfred E. Rejall M.A., psychology and philosophy; Richard H. Kirtland Ph.M., English; Fannie A. Dunsford B. A., physical culture.

GRADUATES, JUNE 22, 1909

*Collegiate courses***Bachelor of arts**

Javier S. Adrianzen, Chicalayo, Peru
 Olive Angelia Briggs, Bainbridge, Chenango co.
 Annie DeWitt Pd.B., Skaneateles, Onondaga co.
 Louise Moore Hersey Pd.B., Watertown, Jefferson co.
 Leah Hollands Pd.B., Watervliet, Albany co.
 Clarence Ashton Wood Ph.B. LL. B., E. Onondaga, Onondaga co.

Bachelor of science

Arline Denison, Geneseo, Livingston co.

*Graduate course***Bachelor of pedagogy**

Jessie Auringer B.A., Cohoes, Albany co.
 Mary Billings Eddy B.A., Albany, Albany co.
 Erskine Burt Halley B.A., Troy, Rensselaer co.
 Florence Hunter B.A., Fulton, Oswego co.
 Edith J. Perry B.A., Utica, Oneida co.
 Mary Aucutt Thomas B.A., Utica, Oneida co.

The following honorary degrees in pedagogy were conferred:

Doctor of pedagogy

Thomas E. Finegan M.A., Third Assistant Commissioner of Education, Albany
 Jeremiah M. Thompson M.A., Principal Normal School, Potsdam
 James V. Sturges M.A., Principal Normal School, Geneseo

Exhibit I

TABLE 1

Comparative statistics for high schools and academies in 1908 and 1909

	Year	High schools	Academies	Total
Expended for teachers' salaries.....	1909	\$4 768 578 38	\$618 541 02	\$5 387 119 40
	1908	4 403 798 80	459 530 85	4 863 329 65
		+ \$364 779 58	+ \$159 010 17	+ \$523 789 75
Expended for buildings, sites, furniture, repairs etc.....	1909	\$580 966 29	\$581 271 50	\$1 162 237 79
	1908	1 115 943 91	230 099 14	1 346 043 05
		— \$534 977 62	+ \$351 172 36	— \$183 805 26
Expended for school libraries.....	1909	\$55 293 88	\$8 404 69	\$63 698 57
	1908	43 259 05	6 645 60	49 904 65
		+ \$12 034 83	+ \$1 759 09	+ \$13 793 92
Total expenditures (including investments).....	1909	\$7 060 314 72	\$2 336 953 44	\$9 397 268 16
	1908	6 971 985 12	2 170 953 12	9 142 938 24
		+ \$88 329 60	+ \$166 000 32	+ \$254 329 92
Average annual cost per pupil (excluding investments).....	1909	\$65 93	\$150 68	\$76 04
	1908	73 26	171 80	80 51
		— \$7 33	— \$21 12	— \$4 47
Value of buildings and grounds.....	1909	\$25 075 416	\$9 757 366	\$34 832 782
	1908	23 882 014	6 898 350	30 780 364
		+ \$1 193 402	+ \$2 859 016	+ \$4 052 418
Number of schools reporting.....	1909	687	153	840
	1908	676	134	810
		+ 11	+ 19	+ 30
Number of teachers.....	1909	4 182	935	5 117
	1908	3 934	728	4 662
		+ 248	+ 207	+ 455
Number of pupils.....	1909	107 090	14 510	121 600
	1908	95 170	7 563	102 733
		+ 11 920	+ 6 947	+ 18 867
Volumes in library.....	1909	735 394	250 502	985 896
	1908	697 905	212 054	909 959
		+ 37 489	+ 38 448	+ 75 937

a. This year's figures include academic departments of colleges which are omitted in 1908.

TABLE 2
Number of secondary schools reporting 1895-1909

YEAR	High schools	Increase or decrease	Academies	Increase or decrease	Total	Increase or decrease
1895.....	373	+59	131	+ 8	504	+67
1896.....	421	+48	128	— 3	549	+45
1897.....	465	+44	119	— 9	584	+35
1898.....	514	+49	131	+12	645	+61
1899.....	541	+27	134	+ 3	675	+30
1900.....	565	+24	140	+ 6	705	+30
1901.....	595	+30	146	+ 6	741	+36
1902.....	621	+26	145	— 1	766	+25
1903.....	636	+15	144	— 1	780	+14
1904.....	655	+19	144	.....	799	+19
1905.....	665	+10	141	— 3	806	+ 7
1906.....	668	+ 3	137	— 4	805	— 1
1907.....	672	+ 4	133	— 4	805	.....
1908.....	676	+ 4	134	+ 1	810	+ 5
1909.....	687	+11	153	+19	840	+30

a This year's figures include academic departments of colleges.

TABLE 3
Secondary schools reporting classified by grades 1897-1909
ACADEMIC DEPARTMENTS OF PUBLIC SCHOOLS

YEAR	High schools	Increase or decrease	Senior schools	Increase or decrease	Middle ... schools	Increase or decrease	Junior schools	Increase or decrease	Total	Increase or decrease
1897.....	247	....	26	....	50	....	140	....	463	....
1898.....	267	+20	24	— 2	61	+11	160	+20	512	+49
1899.....	311	+44	30	+ 6	61	....	137	—23	539	+27
1900.....	341	+30	36	+ 6	61	....	125	—12	563	+24
1901.....	361	+20	39	+ 3	57	— 4	136	+11	593	+30
1902.....	373	+12	37	— 2	69	+12	138	+ 2	617	+24
1903.....	393	+20	54	+17	60	— 9	128	—12	633	+16
1904.....	409	+16	55	+ 1	60	....	127	+ 1	651	+18
1905.....	417	+ 8	55	....	57	— 3	136	+ 9	665	+14
1906.....	434	+17	60	+ 5	52	— 5	122	—14	668	+ 3
1907.....	447	+13	102	+42	38	—14	85	—37	672	+ 4
1908.....	454	+ 7	122	+20	30	— 3	70	—15	676	+ 4
1909.....	465	+11	122	....	34	+ 4	66	— 4	687	+11

TABLE 3 (concluded)
Secondary schools reporting classified by grades 1897-1909

YEAR	ACADEMIES									
	Academies	Increase or decrease	Senior academic schools	Increase or decrease	Middle academic schools	Increase or decrease	Junior academic schools	Increase or decrease	Total	Increase or decrease
1897.....	90	....	2	....	6	....	20	....	118	....
1898.....	99	+9	3	+1	8	+2	19	-1	129	+11
1899.....	103	+4	4	+1	8	....	16	-3	131	+2
1900.....	104	+1	4	....	11	+3	17	+1	136	+5
1901.....	108	+4	2	-2	11	....	21	+4	142	+6
1902.....	107	-1	3	+1	12	+1	20	-1	142	....
1903.....	103	-4	3	....	12	....	23	+3	141	-1
1904.....	102	-1	3	....	12	....	24	+1	141	....
1905.....	104	+2	3	....	10	-2	24	....	141	....
1906.....	99	-5	4	+1	9	-1	25	+1	137	-4
1907.....	100	+1	6	+2	9	....	18	-7	133	-4
1908.....	103	+3	9	+3	7	-2	15	-3	134	+1
1909.....	120	+17	6	-3	9	+2	18	+3	153	+19

a This year's figures include academic departments of colleges.

TABLE 4
Faculty of secondary schools 1895-1909

YEAR	HIGH SCHOOLS			ACADEMIES			Total secondary	Increase or decrease
	Men	Women	Total	Men	Women	Total		
1895.....	517	920	1 437	444	661	1 105	2 542	+ 115
1896.....	580	1 153	1 733	408	632	1 040	2 773	+ 231
1897.....	636	1 537	2 173	399	719	1 118	3 291	+ 518
1898.....	781	1 512	2 293	373	620	993	3 286	- 5
1899.....	888	1 657	2 545	401	645	1 046	3 591	+ 305
1900.....	939	1 844	2 783	430	675	1 105	3 888	+ 297
1901.....	1 055	1 998	3 053	483	730	1 213	4 266	+ 378
1902.....	1 120	2 116	3 236	509	736	1 245	4 481	+ 215
1903.....	1 157	2 349	3 506	509	779	1 288	4 794	+ 313
1904.....	1 276	2 630	3 906	470	745	1 215	5 121	+ 327
1905.....	1 261	2 018	3 279	268	446	714	3 993	-1 128
1906.....	1 281	2 209	3 490	229	445	674	4 164	+ 171
1907.....	1 316	2 324	3 640	257	433	690	4 330	+ 166
1908.....	1 401	2 533	3 934	268	460	728	4 662	+ 332
1909.....	1 468	2 714	4 182	482	453	935	5 117	+ 455

a This year's figures include academic departments of colleges.

TABLE 5
Students in secondary schools 1895-1909

YEAR	HIGH SCHOOLS			ACADEMIES			Total secondary	Increase or decrease
	Boys	Girls	Total	Boys	Girls	Total		
1895	17 287	21 450	38 737	5 658	5 562	11 220	49 937	+ 4 901
1896	18 814	23 396	42 210	4 781	5 512	10 273	52 483	+ 2 546
1897	19 594	24 322	43 916	4 653	4 895	9 548	53 464	+ 981
1898	23 482	31 593	55 075	5 280	6 022	11 282	66 357	+ 12 893
1899	25 362	34 270	59 632	4 861	5 283	10 144	69 776	+ 3 419
1900	28 515	38 414	66 929	4 721	7 001	12 722	79 365	+ 9 589
1901	30 360	40 200	70 560	5 988	7 648	13 636	83 796	+ 4 431
1902	32 865	44 550	77 515	6 213	8 153	14 366	91 583	+ 7 787
1903	34 024	47 084	81 108	6 098	8 261	14 359	95 096	+ 3 513
1904	37 251	51 424	88 675	6 849	7 755	13 604	101 893	+ 6 797
1905	35 987	50 749	86 736	6 211	4 469	7 680	94 416	- 7 477
1906	36 734	50 008	87 342	6 049	4 566	7 505	94 847	+ 2 431
1907	37 719	52 189	89 907	6 138	5 592	7 730	97 637	+ 2 790
1908	40 306	54 864	95 170	6 170	4 393	7 563	102 733	+ 5 096
1909	46 282	60 808	107 090	9 089	5 421	14 510	121 600	+ 18 867

a This year's figures include academic departments of colleges.

TABLE 6
Expenditures of secondary schools 1895-1909

YEAR	Teachers' salaries	Increase or decrease	Schoolhouses, sites, furniture and repairs	Increase or decrease
1895	\$1 692 539 89	+ \$41 372 14	\$337 373 65	- \$183 372 04
1896	1 858 951 56	+ 166 411 67	393 301 11	+ 55 927 46
1897	1 757 708 55	- 101 243 01	418 053 06	+ 24 751 95
1898	1 983 720 10	+ 226 011 55	452 098 08	+ 34 045 02
1899	2 361 897 83	+ 378 177 73	1 381 737 68	+ 929 639 60
1900	2 435 974 52	+ 72 076 69	1 660 049 24	+ 278 311 56
1901	2 952 265 78	+ 518 291 26	1 989 522 89	+ 670 526 35
1902	3 205 376 65	+ 253 110 87	1 325 977 11	+ 336 454 22
1903	3 496 154 97	+ 290 778 32	1 532 500 94	+ 206 523 83
1904	3 873 354 98	+ 377 200 01	1 984 013 27	+ 451 512 33
1905	4 009 162 64	+ 135 807 66	2 338 138 98	+ 354 125 71
1906	4 066 400 26	+ 57 237 62	2 285 520 43	- 52 618 55
1907	4 471 947 26	+ 405 547 . .	1 730 250 42	- 555 270 01
1908	4 863 329 65	+ 391 382 39	1 346 043 05	- 384 207 37
1909	5 387 119 40	+ 523 789 75	1 162 237 79	- 183 805 26

a This year's figures include academic departments of colleges.

TABLE 6 (concluded)
Expenditures of secondary schools 1895-1909

YEAR	Apparatus	Increase or decrease	Library	Increase or decrease	Total	Increase or decrease
1895..	\$21 204 37	- \$1 640 81	\$41 519 11	- \$460 30	\$3 133 218 13	- \$171 485 ..
1896..	31 233 41	+ 10 029 04	48 598 63	+ 7 079 52	3 560 802 47	+ 427 584 34
1897..	47 720 49	+ 16 487 08	45 321 ..	+ 3 277 63	3 284 246 18	- 276 556 29
1898..	43 910 82	- 3 809 67	57 614 48	+ 12 293 48	3 729 913 03	+ 445 666 85
1899..	169 838 05	+ 125 927 23	57 264 86	- 349 62	5 226 824 83	+ 1 496 911 80
1900..	175 144 02	+ 5 305 97	56 097 94	- 1 166 92	6 096 374 41	+ 869 549 58
1901..	77 828 16	- 97 315 86	58 544 24	+ 2 446 30	5 702 717 52	- 393 656 89
1902..	67 581 07	- 10 247 09	54 052 52	- 4 491 72	6 627 708 66	+ 924 991 14
1903..	73 733 82	+ 6 152 75	76 894 94	+ 22 842 42	7 106 999 90	+ 479 291 24
1904..	74 188 57	+ 454 75	54 670 46	- 22 224 48	8 111 368 90	+ 1 004 369 ..
1905..	75 587 82	+ 1 399 25	62 181 92	+ 7 511 46	7 846 388 14	- 264 980 76
1906..	111 324 44	+ 35 736 62	59 890 97	- 2 290 95	8 471 830 03	+ 625 441 89
1907..	80 867 32	- 30 457 12	58 521 90	- 1 369 07	8 549 614 03	+ 77 784 ..
1908..	62 638 98	- 18 228 34	49 904 65	- 8 617 25	9 142 938 24	+ 593 324 21
1909..	72 239 94	+ a9 600 96	63 698 57	+ a13 793 92	9 397 268 16	+ a254 329 92

a This year's figures include academic departments of colleges.

TABLE 7
Total expenditures of secondary schools 1895-1909

YEAR	High schools	Increase or decrease	Acad- emies	Increase or decrease	Total	Increase or decrease
1895.....	\$1 803 675	- \$151 178	\$1 329 543	- \$20 307	\$3 133 218	- \$171 485
1896.....	1 813 132	+ 9 457	1 747 670	+ 418 127	3 580 802	+ 427 584
1897.....	1 892 960	+ 79 828	1 391 286	+ 356 384	3 284 246	- 276 556
1898.....	2 239 226	+ 346 266	1 490 687	+ 99 401	3 729 913	+ 445 667
1899.....	3 708 196	+ 1 468 970	1 518 629	+ 97 942	5 226 825	+ 1 496 912
1900.....	4 077 421	+ 369 225	2 018 954	+ 500 325	6 096 375	+ 869 550
1901.....	3 596 674	- 480 747	2 106 044	+ 87 090	5 702 718	- 393 657
1902.....	4 445 083	+ 845 409	2 182 625	+ 76 581	6 627 708	+ 924 990
1903.....	5 007 055	+ 561 972	2 089 945	- 82 680	7 107 000	+ 479 292
1904.....	6 015 340	+ 1 008 285	2 096 029	- 3 916	8 111 369	+ 1 004 369
1905.....	6 680 492	+ 645 152	1 185 897	- 910 132	7 846 389	- 264 980
1906.....	6 994 497	+ 334 005	1 477 333	+ 291 430	8 471 830	+ 625 441
1907.....	7 158 425	+ 163 928	1 391 189	- 86 144	8 549 614	+ 77 784
1908.....	6 971 985	- 186 440	2 170 953	+ 779 764	9 142 938	+ 593 324
1909.....	7 060 315	+ 88 330	2 336 953	+ a166 000	9 397 268	+ a254 330

a This year's figures include academic departments of colleges.

TABLE 8
Net property of secondary schools 1895-1909

YEAR	High schools	Increase or decrease	Acad- emies	Increase or decrease	Total	Increase or decrease
1895.....	\$7 506 655	+ \$165 927	\$10 062 338	+ \$1 349 786	\$17 568 993	+ \$1 515 713
1896.....	7 464 234	- 42 421	15 841 548	+ 5 779 210	23 305 782	+ 5 736 789
1897.....	7 667 883	+ 203 649	15 493 519	- 348 029	23 161 402	- 144 380
1898.....	9 339 536	+ 1 671 653	16 508 034	+ 1 014 515	25 847 570	+ 2 686 168
1899.....	10 496 416	+ 1 156 880	16 856 991	+ 348 957	27 353 407	+ 1 505 837
1900.....	11 124 461	+ 628 045	17 287 724	+ 430 733	28 412 185	+ 1 058 778
1901.....	10 738 383	- 1 166 880	18 150 206	+ 862 487	28 888 589	+ 476 404
1902.....	11 619 339	+ 881 006	19 106 318	+ 956 112	30 725 707	+ 1 837 118
1903.....	14 400 278	+ 2 780 889	19 370 728	+ 264 410	33 771 006	+ 3 045 299
1904.....	18 613 990	+ 4 213 712	20 186 850	+ 815 122	38 799 840	+ 5 028 834
1905.....	18 670 277	+ 56 287	15 652 752	- 4 533 098	34 323 029	- 4 476 811
1906.....	20 644 512	+ 1 974 235	a 8 258 161	.....	a28 902 673	.....
1907.....	24 403 079	+ 3 758 567	a 8 777 955	+ 519 794	33 181 034	+ 4 278 361
1908.....	26 024 543	+ 1 621 464	a 9 388 818	+ 610 863	35 413 361	+ 2 232 327
1909.....	27 239 933	+ 1 215 390	12 572 919	+ b3 184 101	39 812 852	+ b4 399 491

a Figures for previous years include elementary departments. b This year's figures include academic departments of colleges.

TABLE 9
Teaching institutions
Summary of charters and admissions 1908-9

NAME	Place	County	Grade	VALUES OF						Debits
				Grounds	Buildings	Furniture	Library	Apparatus	Other property	
Chamberlain Military Institute.....	Randolph.....	Cattaraugus.....	acad.	\$8 500	\$830 000	.....	\$800	\$370	.....	.....
Croton Union School.....	Croton-on-Hudson.....	Westchester.....	jr	3 000	\$3 000	.....	200	147	.....	\$5 000
Dickinson-Hurst School.....	Syracuse.....	Onondaga.....	jr	1 000	\$4 500	.....	206	102	.....	.....
Dickinson Union School.....	Dickinson Center.....	Franklin.....	jr	3 500	\$5 700	.....	6 150	100	.....	.....
Griffin-Fleishman Union School.....	Griffin Corners.....	Delaware.....	jr	.....	.....	.....	3 500	275	.....	.....
Homestead School for Girls.....	Flushing.....	Queens.....	acad.	.....	.....	10 000	2 000	584 92	.....	.....
Hunt Memorial School.....	Freshville.....	Tompkins.....	jr	200	\$8 000	.....	800	.....	.....	.....
Jeffersonville Union School.....	Jeffersonville.....	Sullivan.....	jr	.....	\$3 000	.....	195	103 72	.....	.....
Manhasset Union School.....	Manhasset.....	Nassau.....	jr	4 000	\$15 000	.....	475	100 40	.....	.....
Matthuck Union School.....	Matthuck.....	Suffolk.....	jr	2 000	\$5 500	.....	400	100	.....	.....
Morrisville Union School.....	Morrisville.....	Clinton.....	jr	1 000	\$5 000	.....	200	100 16	.....	.....
North High School, Syracuse.....	Syracuse.....	Onondaga.....	b	23 000	\$225 000	.....	700	2 000	.....	.....
Rotterdam Union School.....	Rotterdam Junction.....	Schenectady.....	jr	1 200	\$8 000	.....	200	100	.....	.....
St. Clare's Academy School.....	East Aurora.....	Essex.....	jr acad.	.....	11 500	650	400	100	.....	\$7 000
St. Clare's School.....	Mt Hope.....	Westchester.....	jr acad.	76 500	144 000	10 000	500	115	.....	\$5 800
St. Joseph's Academy School.....	Schenectady.....	Schenectady.....	jr acad.	20 000	55 000	1 500	100	100	.....	.....
St. Mary's High School.....	Lancaster.....	Schenectady.....	jr acad.	2 000	39 000	1 500	500	352	.....	53 000
Troy Preparatory School.....	Syracuse.....	Onondaga.....	acad.	.....	\$20 000	800	500	300	.....	.....
Walkkill Union School.....	Walkill.....	Ulster.....	jr	1 000	\$8 000	.....	6212	100	.....	.....
				\$148 700	\$642 200	\$24 575	\$12 388	\$5 150 20	\$59 800	\$12 000

e Includes furniture. b Also good public library. e Rented.

TABLE 9 (concluded)

Teaching institutions

Summary of charters and admissions 1908-9

NAME	Place	County	Grade	Net property	Total property	Action taken by Regents	Date
Chamberlin Military Institute	Randolph	Cattaraugus	acad.	.....	\$1 170	Provisional charter granted	April 1, 1909
Croton Union School	Croton-on-Hudson	Westchester	Jr	.....	88 847	Academic dep't admitted	June 17, 1909
Dickinson-Hurst School	Syracuse	Onondaga	Jr	.....	5 135	Provisional charter granted	Oct. 22, 1908
Dickinson Union School	Dickinson Center	Franklin	Jr	.....	5 808	Academic dep't admitted	Dec. 10, 1908
Griffin-Fleischmanns Union School	Griffin Corners	Delaware	Jr	.....	9 599	Academic dep't admitted	Oct. 22, 1908
Homestead School for Girls	Flushing	Queens	acad.	.....	14 773	Provisional charter granted	June 17, 1909
Hunt Memorial School	Freeville	Tompkins	sr	.....	10 784	Academic dep't admitted	June 17, 1909
Jeffersonville Union School	Jeffersonville	Sullivan	Jr	.....	4 098	Academic dep't admitted	Dec. 10, 1908
Manhasset Union School	Manhasset	Nassau	Jr	.....	19 573	Academic dep't admitted	Dec. 10, 1908
Mattituck Union School	Mattituck	Suffolk	Jr	.....	9 000	Academic dep't admitted	June 17, 1909
Morrisonville Union School	Morrisonville	Clinton	Jr	.....	250 700	Academic dep't admitted	June 17, 1909
North High School, Syracuse	Syracuse	Onondaga	h	.....	9 369	Academic dep't admitted	April 1, 1909
Rottendam Union School	Rottendam Junction	Schenectady	Jr	.....	6 890	Academic dep't admitted	Oct. 22, 1908
St Clair's Academic School	East Aurora	Erie	Jr acad.	\$13 850	.....	Academic dep't admitted	June 17, 1909
St Clare's School	Mt Hope	Westchester	Jr acad.	.....	238 915	Academic dep't admitted	June 17, 1909
St Joseph's Academic School	Schenectady	Schenectady	Jr acad.	.....	78 850	Academic dep't admitted	June 17, 1909
St Mary's High School	Lancaster	Erie	acad.	.....	96 352	Academic dep't admitted	June 17, 1909
Travis Preparatory School	Syracuse	Onondaga	Jr	.....	21 600	Provisional charter granted	Oct. 22, 1908
Walkell Union School	Walkell	Ulster	Jr	.....	10 312	Academic dep't admitted	April 1, 1909
				\$13 850	\$881 813 20		

Sept. 3, 1908. The name of Easton Union School was dropped from the University roll because of the discontinuance of suitable academic instruction therein.
 Apr. 1, 1909. The names of Barlow School of Industrial Arts of Binghamton; Cary Collegiate Seminary of Oakfield; Hogsansburg Academy of Hogsansburg; St. Bridget's Academy of New York city; St. Philomena's School of Breunton and Staten Island Academy of New Brighton (old organization, stock corporation) were discontinued from the University roll on account of the discontinuance of academic instruction therein.

TABLE 10
Names of institutions changed 1908-9

From	To	Date
Augustinian Institute, Carthage.....	Augustinian Academy of Carthage..	June 17, 1909
Callicoon Depot Union School.....	Callicoon Union School.....	Oct. 22, 1908
Despatch Union School.....	East Rochester Union School.....	June 17, 1909
Syracuse Business High School.....	Syracuse Technical High School...	June 17, 1909
Ursuline Convent, Bedford Park, New York city.....	Academy of Mt St Ursula, Bedford Park, New York city.....	Dec. 10, 1908

TABLE 11
Calendar of academic examinations 1908-9

DATE	Secondary schools	Schools not maintaining academic department (examinations given by request of school commissioner)	By the Department for professional students	Number of subjects
1908				
Aug. 12-14.....		117	4	24
Sept. 14-16.....			5	42
1909				
Jan. 25-29	820	248	22	90
June 14-18	827	264	22	95

TABLE 12
Statistics of academic examinations 1908-9

SUBJECT	PROFESSIONAL STUDENTS			SCHOOL STUDENTS				TOTAL		% ALLOWED OF THOSE EXAMINED			
	Examined	Allowed	Honors	Examined	Claimed	ALLOWED AT			Examined	Allowed	Total	Schools	
						60-69	70-79	80-89					90-100
English	1 440	725	41	26 335	22 548	8 010	8 443	3 831	590	27 775	21 749	78.3	80.0
1st year.....	705	442	11	13 613	12 523	4 211	4 902	2 420	402	14 318	12 377	86.4	87.7
2d ".....	594	344	18	10 091	8 934	3 347	3 335	1 515	361	10 675	8 902	83.4	84.8
three years.....	996	521	11	6 299	5 245	2 671	1 754	524	84	7 265	5 554	76.3	79.9
4th year.....	504	317	21	10 437	10 023	3 268	3 567	2 091	714	10 991	9 960	90.6	92.0
four years, N. Y. C. grammar.....	1 473	468	20	299	225	141	49	6	3	299	202	67.6	67.6
grammar.....	83	53	1	8 284	6 149	1 921	1 561	1 009	187	9 757	5 146	52.7	56.5
hist. lang. and lit.....	5 785	2 870	123	76 036	66 331	23 714	23 783	11 705	2 405	81 821	64 480	78.8	81.1
German	1 074	406	28	9 716	8 271	2 522	2 595	1 089	419	10 790	7 631	70.7	74.4
1st year.....	1 040	443	26	7 019	7 019	2 505	1 790	1 067	243	10 274	6 038	58.8	60.6
2d ".....	777	163	1	4 372	3 682	1 612	1 907	349	27	5 149	3 068	59.6	66.4
3d ".....	260	64	1	3 71	324	1 134	79	43	6	5 631	3 226	51.7	70.6
4th ".....	3 151	1 076	56	23 663	19 296	6 773	5 361	3 145	705	26 844	17 063	63.6	67.5
French	605	266	11	4 139	3 397	1 142	1 012	579	124	4 794	3 123	65.1	68.2
1st year.....	598	242	11	4 404	3 808	1 412	2 232	482	54	5 022	3 422	68.4	72.2
2d ".....	364	146	.....	1 935	1 520	615	456	151	13	2 296	1 381	60.4	63.8
3d ".....	136	44	.....	1 263	209	70	42	30	6	394	1 192	43.7	57.4
4th ".....	1 703	698	28	10 736	8 934	3 239	2 742	1 242	197	12 480	8 118	65.0	68.8
Spanish	97	50	6	110	78	20	13	11	4	207	98	47.3	43.6
1st year.....	79	36	7	133	136	35	36	33	9	202	149	56.9	61.7
2d ".....	55	37	9	23	17	.....	5	2	5	78	49	62.8	52.1
3d ".....	231	123	22	316	231	55	54	46	18	547	296	54.1	54.7

Italian	144	70	78	8	5	1	1	1	3	1	.....	133	72	47.4	35.0
1st year.....	160	78	86	6	1	1	.....	.....	.....	.....	.....	179	86	50.0	66.7
Hebrew	304	148	148	14	10	2	4	4	4	4	.....	394	158	48.8	50.0
grammar.....	134	83	83	16	1	.....	.....	.....	.....	.....	.....	135	83	61.5	100.0
Palms of David.....	148	83	83	17	1	.....	.....	.....	.....	.....	.....	149	83	55.7	100.0
Latin	282	164	164	33	2	.....	.....	.....	.....	.....	.....	284	166	58.5	100.0
1st year.....	948	443	443	69	12 550	4 093	.....	.....	.....	.....	.....	18 589	11 890	61.2	62.0
grammar.....	281	61	61	2	7 140	2 830	.....	.....	.....	.....	.....	9 922	6 333	63.8	65.1
class composition.....	128	31	31	1	6 847	2 607	.....	.....	.....	.....	.....	5 678	5 678	53.0	53.4
Cæsar.....	233	123	123	7	10 762	3 944	.....	.....	.....	.....	.....	13 009	9 464	72.7	73.1
Cæsar.....	100	41	41	2	3 878	1 303	.....	.....	.....	.....	.....	4 335	3 466	79.8	80.5
Intermediata, N. Y. C.....	.....	.....	.....	.....	1 694	756	.....	.....	.....	.....	.....	1 935	1 494	77.2	77.2
Virgil.....	.....	.....	.....	.....	2 275	826	.....	.....	.....	.....	.....	2 297	1 992	84.7	87.2
advanced, N. Y. C.....	.....	.....	.....	.....	2 155	187	.....	.....	.....	.....	.....	2 354	2 145	70.9	72.2
page composition.....	115	43	43	1	4 391	1 714	.....	.....	.....	.....	.....	3 098	2 145	70.9	72.2
at sight.....	46	23	23	3	1 894	268	.....	.....	.....	.....	.....	2 098	1 775	84.8	85.4
poetry.....	6	3	3	.....	1 087	168	.....	.....	.....	.....	.....	1 129	1 009	86.9	86.7
Greek	1 879	775	775	80	50 719	16 648	.....	.....	.....	.....	.....	67 605	45 074	66.7	67.4
1st year.....	5	2	2	.....	200	55	.....	.....	.....	.....	.....	242	179	74.0	74.7
grammar.....	2	1	1	.....	331	71	.....	.....	.....	.....	.....	238	168	72.8	73.9
class composition.....	2	1	1	.....	276	45	.....	.....	.....	.....	.....	228	168	62.5	62.7
Diodes.....	2	2	2	.....	315	61	.....	.....	.....	.....	.....	319	239	81.2	81.9
advanced, N. Y. C.....	.....	.....	.....	.....	173	20	.....	.....	.....	.....	.....	160	163	86.5	86.7
page composition.....	3	3	3	.....	60	38	.....	.....	.....	.....	.....	60	65	91.7	91.7
at sight.....	3	2	2	.....	149	12	.....	.....	.....	.....	.....	132	123	82.2	83.1
Homer.....	3	2	2	.....	95	22	.....	.....	.....	.....	.....	97	60	82.5	83.1
.....	.....	.....	.....	.....	61	6	.....	.....	.....	.....	.....	61	96	91.8	91.8
Mathematics	20	12	12	.....	1 440	317	.....	.....	.....	.....	.....	1 672	1 340	80.1	80.4
adv. arithmetic.....	243	66	66	5	873	268	.....	.....	.....	.....	.....	1 403	881	58.5	65.1
elem. algebra.....	3 133	962	962	279	94 873	5 347	.....	.....	.....	.....	.....	33 772	24 518	72.6	74.4
instr. ".....	227	101	101	2	7 016	1 049	.....	.....	.....	.....	.....	7 234	4 449	61.5	62.0
adv. ".....	193	108	108	1	966	178	.....	.....	.....	.....	.....	1 870	1 017	74.2	77.2
plane geometry.....	1 180	466	466	101	13 333	3 629	.....	.....	.....	.....	.....	19 692	12 387	68.0	64.3
solid ".....	77	35	35	7	2 025	446	.....	.....	.....	.....	.....	2 258	1 763	78.0	71.8
plane trigonometry.....	68	32	32	6	1 641	284	.....	.....	.....	.....	.....	1 604	1 203	75.0	70.0
spheric ".....	20	9	9	2	472	106	.....	.....	.....	.....	.....	70	1 365	96.3	89.8
Total	4 086	1 778	1 778	436	49 021	11 307	.....	.....	.....	.....	.....	68 477	46 728	66.2	66.2

TABLE 12 (concluded)
Statistics of academic examinations 1908-9

SUBJECT	PROFESSIONAL STUDENTS			SCHOOL STUDENTS					TOTAL		% ALLOWED OF THOSE EXAMINED		
	Examined	Allowed	Honors	Examined	Claimed	ALLOWED AT			Examined	Allowed	Total	Schools	
						60-69	70-79	80-89					90-100
Science	435	143	10	11 092	9 084	3 059	2 692	1 898	778	11 527	8 510	73.8	75.4
physics.....	576	274	27	3 185	2 703	824	3 843	3 093	213	3 773	2 777	73.6	78.4
biology.....	61	43	10	10 623	8 122	2 897	3 146	2 340	743	10 710	9 130	84.4	84.7
chem. botany.....	17	57	4	9 284	8 122	2 113	2 442	1 846	637	9 340	7 453	77.3	70.9
agr.	17	12	.....	4 273	4 093	1 113	1 111	69	97	4 400	3 229	73.4	68.5
min. sociology.....	36	19	.....	4 270	4 093	844	1 212	1 205	425	4 368	3 774	87.8	87.8
adv.	19	11	.....	14 257	11 708	47	55	22	1	14 824	11 156	43.0	43.0
psychology.....	488	394	63	14 250	11 708	3 694	3 869	2 065	609	18 824	10 532	71.0	71.2
physical geography.....	404	212	13	3 287	2 939	3 971	3 994	542	124	3 731	2 843	75.9	80.0
History and social science	2 667	1 184	131	56 803	48 796	14 790	15 451	10 471	3 557	69 099	45 403	76.8	77.9
ancients, 3 hour.....	190	55	13	5 811	5 147	1 889	1 376	948	341	6 001	4 099	76.8	78.4
European, 3 hour.....	570	345	52	8 852	7 351	2 546	2 002	1 446	615	9 432	6 954	73.9	74.4
European, 2 hour.....	104	57	.....	118	309	55	19	11	3	222	125	56.3	74.9
Great Britain, 3 hour.....	250	176	16	255	205	74	58	18	14	605	340	56.2	64.3
American, and civics.....	434	181	78	5 556	4 707	1 692	1 115	874	308	5 940	4 433	74.5	77.5
civics.....	938	499	.....	4 122	3 561	1 126	1 115	741	166	5 060	3 647	72.1	77.4
economics.....	1 991	978	111	8 690	7 512	2 731	2 374	1 351	272	10 681	7 706	72.1	77.4
economics, 1st year.....	453	151	23	1 439	1 141	283	242	129	23	1 862	1 530	43.9	47.1
economics, 2d.....	1 231	312	28	1 907	1 898	184	308	236	75	2 199	1 115	50.7	88.5
Commercial subjects	6 261	2 686	316	35 780	30 631	10 580	8 842	5 854	1 817	42 102	29 779	70.7	75.7
Bus. correspondence.....	491	309	8	733	649	152	153	83	19	1 224	716	58.5	55.5
Arithmetic.....	348	60	12	1 853	1 518	252	187	80	22	2 201	1 601	27.3	28.1
com. I geography.....	478	237	31	1 963	1 413	604	385	204	71	2 441	1 991	65.2	64.4
law.....	647	419	47	867	799	216	257	212	89	1 514	1 193	78.8	80.3
history of commerce.....	157	104	3	153	127	27	36	27	18	212	212	98.4	70.6
stenography, 1st year.....	227	145	72	1 570	1 397	138	214	437	397	1 797	1 331	74.1	75.5
stenography, 2d.....	197	132	67	1 809	1 715	46	72	72	178	1 066	824	62.0	60.8

elem. bookkeeping.....	654	328	59	6 135	5 148	1 317	1 292	1 282	779	6 789	4 048	72.9	75.8
adv.....	440	196	21	860	885	1 199	1 174	1 100	68	1 300	4 727	55.9	61.7
bus. practice.....	208	200	21	191	174	48	61	30	5	489	344	74.9	75.4
bus. writing.....	637	469	37	3 302	3 019	772	920	621	68	3 929	2 740	66.6	68.8
typewriting.....	176	127	18	1 320	1 203	317	358	310	84	1 496	1 196	70.9	81.0
Drawing	4 720	2 826	396	19 756	16 147	4 088	4 089	3 431	1 778	24 476	16 223	66.2	67.8
elementary.....	799	249	24	20 652	15 651	5 355	4 988	2 474	457	21 451	13 523	63.4	64.3
advanced general.....	446	186	19	6 302	5 583	1 383	1 774	1 426	489	6 808	5 258	77.2	79.7
" art.....	77	34	3	252	5 219	72	33	31	3	329	173	52.7	55.2
" mechanical.....	37	16	3	528	409	96	111	96	25	565	344	60.9	62.1
Miscellaneous	1 369	455	49	27 794	21 862	6 936	6 906	4 027	974	29 153	19 298	66.2	67.7
psychology and prin. of education.....	192	74	2	531	502	114	193	110	39	723	530	73.3	85.9
history and prin. of education.....	140	60	7	1 080	1 024	258	308	194	66	1 220	888	72.8	76.7
harmony and counterpoint.....	1	1	.....	14	12	4	3	14	1	15	11	72.3	71.4
rudiments of music.....	10	7	.....	663	298	61	32	14	3	973	117	17.4	16.6
ear training.....	.....	.....	.....	17	15	2	3	4	3	17	12	70.6	70.6
musical form.....	3	.....	.....	17	16	4	3	3	4	20	17	85.0	82.3
history of music.....	1	1	1	27	22	2	5	4	1	28	13	46.4	44.4
Total academic.....	32 795	14 662	1 700	385 13	315 225	98 864	95 920	60 983	24 916	425 199	295 714	70.8	72.9
Per cent of examined.....	.....	44.7	5.2	.....	81.9	25.7	24.9	15.8	6.5	.....	70.8	.....	.....

TABLE
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION								
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration	
Adams H. S.	H.	2	1	57	27	16	10		48	62	110	
Adams Center U. S.	H. S.	2	4	10	6	4			9	11	20	
Addison H. S.	H.	4	4	48	20	18	7	3	39	57	96	
Afton H. S.	H.	1	2	18	15	13	7		22	31	53	
Akron H. S.	H.	1	3	38	24	9	7	1	25	54	79	
Albany H. S.	H.	13	28	449	311	228	163		485	606	1 151	
Albion H. S.	H.	4	4	105	79	36	18	6	110	134	244	
Alden H. S.	H.	1	1	29	19	8	12		33	35	68	
Alexander U. S.	S.	1	1	2	3				1	4	5	
Alexandria Bay H. S.	H.	1	2	12	17	7	4		17	23	40	
Alfred H. S.	H.	2	3	25	30	13	10	12	35	45	80	
Allegany H. S.	H.	1	2	23	8	6	5	1	15	28	43	
Allentown U. S.	S.	1	1	4	9	6	3	6	8	20	28	
Almond H. S.	H.	1	1	6	8	2	3	5	10	14	24	
Altamont H. S.	H.	1	1	15	18	6	10	4	18	35	53	
Altmar U. S.	J.	1	1	11	5				9	7	16	
Amenia H. S.	H.	1	2	28	15	8	6	2	25	34	59	
Amityville H. S.	H.	1	2	16	2	9	8	2	15	22	37	
Amsterdam H. S.	H.	4	10	162	74	60	48	20	159	205	364	
Andover H. S.	H.	1	2	24	13	4	5	5	28	23	51	
Angola H. S.	H.	1	2	41	13	8	8		36	34	70	
Antwerp H. S.	H.	1	2	12	12	14	6	2	14	32	46	
Apalachin U. S.	J.	1		5	8				8	5	13	
Arcade H. S.	H.	1	3	24	20	9	8		23	38	61	
Argyle H. S.	H.	1	1	8	7	13	8	2	21	17	38	
Arkport U. S.	S.	1		10	5	10			11	14	25	
Athens U. S.	S.	1	1	23	2	2			8	19	27	
Attica H. S.	H.	1	3	22	23	29	14		39	49	88	
Auburn H. S.	H.	8	8	259	132	43	72	8	250	264	514	
Ausable Forks U. S.	S.	1	1	17	3	5			14	11	25	
Avoca H. S.	H.	1	2	19	12	10	10	1	20	32	52	
Avon H. S.	H.	1	3	32	24	19	14	2	37	54	91	
Babylon H. S.	H.	1	2	22	12	12	15		19	42	61	
Bainbridge H. S.	H.	1	2	17	9	4	3		14	19	33	
Baldwin H. S.	H.	1	2	17	14	2	1	2	15	21	36	
Baldwinsville F. A.	H.	1	5	62	33	33	23	1	60	91	151	
Ballston Spa H. S.	H.	1	4	53	25	7	12		31	66	97	
Batavia H. S.	H.	2	8	104	69	48	44	14	123	146	269	
Bay Shore H. S.	H.	1	2	37	13	6	4		32	28	60	
Bayport U. S.	S.	1	1	11	8	3			8	14	22	
Belfast H. S.	H.	1	3	36	15	11	10	1	24	49	73	
Bellport U. S.	J.	1		4					1	3	4	
Belmont H. S.	H.	1	2	18	12	9	5		12	22	44	
Bergen H. S.	H.	1	2	32	21	10	9	10	38	44	82	
Berkshire U. S.	S.	1	1	13	14	9	4		20	20	40	
Berlin U. S.	S.	1	1	16	4	3	2	1	11	15	26	
Big Flats U. S.	J.	1		2	4				2	4	6	
Binghamton H. S.	H.	7	19	455	243	97	102	8	424	481	905	
Black River H. S.	H.	1	1	12	10	10	11	4	15	32	47	
Blasdell H. S.	H.	1	1	12	14	9	2	1	18	20	38	

e H.-high school; S.-senior; M.-middle and J.-junior school.

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each academic department
OF PUBLIC SCHOOLS

PUPILS						LIBRARY		APPARATUS		EXPENDITURES				
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS				Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools						
36	47	83	4	6	10	2	3	1	859	21	\$850	\$37	\$3 308 42	
7	8	15		3	3			2	394	16	220	17	1 815 25	
30	43	73	2	4	6		1		277	145	703	45	5 305 62	
17	27	44		5	5	1	1	4	1 813		650		3 755 60	
17	42	59	2	5	7		2		640	7	825		6 060 16	
398	521	919	50	64	123	31	4	8	24 996	582	26 600	393	65 367 73	
82	111	193	8	12	20	2	2	4	406	6	1 000	194	14 162 49	
28	28	56	6	5	11		2	1	785	15	175		2 487 18	
1	3	4					2		1 463		236		1 533 84	
13	17	30	1	3	4	2			523	50	415	41	2 824 50	
30	39	69	7	4	11	13		2	781	200	2 000	75	3 782 32	
12	18	30	2	3	5				1 717	100	625	20	2 652 88	
4	10	14	1	1	2			4	325		300	10	2 213 03	
8	12	20	3	3	3	1			776		500	28	2 671 66	
15	29	44	4	5	9	1	1	1	900	200	675	7	2 539 60	
6	5	11						1	470		175	49	1 644 20	
20	24	44	2	1	3	3			799		334	19	1 989 . .	
11	21	32	2	6	8				759		568	6	9 579 03	
126	172	298	14	20	34	7	4	4	1 820	325	2 000	321	21 976 39	
18	21	39	2	2	4		3		450	142	702		3 031 80	
27	29	56	5	3	8			5	1 010	80	700	13	4 214 07	
10	26	36	2	4	6			1	612		1 035	34	2 850 16	
7	5	12							320		250	75	1 116 74	
18	28	46	3	4	7	3			1 037	12	400		5 416 31	
15	13	28	5	3	8				400		650	64	2 208 40	
8	11	19				1			50		700	75	1 203 83	
6	14	19							495		425	12	2 326 03	
37	45	82	6	8	14	5			2 000		1 200		5 376 32	
215	222	437	34	37	71	23	2	12	1 573	11	4 000	242	43 857 59	
9	7	16			1	1			396	396	200	200	10 566 69	
15	27	42		10	10				510	30	750	45	2 219 83	
30	44	74	7	6	13	2	5	1	1 024	24	650	38	7 164 67	
15	37	52	4	1	15	4	4		919	25	915	26	4 107 44	
12	15	27	2	1	3	3		1	1 000		768	59	2 538 94	
13	17	30	1		1				507	20	272		6 050 30	
51	81	132	7	15	22	7	3	7	1 200	10	1 150	137	9 765 07	
25	51	76	3	8	11	3			942	19	400		5 030 65	
100	126	226	19	21	40	6	2	7	10 461	263	1 232	43	22 210 34	
26	22	48	1	3	4		1		1 755	25	1 600	21	6 986 19	
7	11	18							1 112		625	60	4 530 83	
16	39	55	1	7	8	6	2	4	544	30	719	144	3 085 41	
1	3	4						1	281	50	207	110	4 445 43	
10	25	35	1	4	5	1			600		360		3 374 85	
27	26	63	3	6	9	2		3	725	19	579	17	3 718 67	
16	18	34	2	2	4	2	2		346	24	100	55	1 499 56	
8	11	19						1	459	62	175	6	1 216 79	
2	3	5							250		92	62	4 718 18	
326	385	711	33	43	76	29	10	4	1 415	8	5 908	191	27 566 27	
13	27	40	3	8	11	1		3	1 053		559		2 393 60	
12	16	28	1	1	2			1	631		440	106	2 109 88	

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

School	Grade of school	TEACHERS		REGISTRATION							Total registration	
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls		
												6-11-12
Bloomingsdale U. S.	J.	1	2	9	5					2	12	14
Boltvar H. S.	H.	2	2	34	17	14	7			35	37	72
Bolton U. S. (Bolton Landing)	J.	1	1	5	1	7				7	6	13
Bombay U. S.	S.	1	1	11	7	2				5	16	21
Boonville H. S.	H.	1	3	42	30	14	10		2	32	66	98
Bradford U. S.	J.	2	1	6	4					6	4	10
Braher & Stockholm H. S. (Braher Falls)	H.	1	1	10	9	2	2			11	12	23
Breesport U. S.	J.	1	1	6	2					4	4	8
Brewster H. S.	H.	1	2	17	15	9	5			17	29	46
Briarcliff U. S. (Briarcliff Manor)	J.	1	1	3	2	3				5	3	8
Bridgehampton U. S.	M.	1		18	5					11	12	23
Bridgewater U. S.	M.	1	1	1	3					1	3	4
Broadalbin U. S.	M.	1	1	6	7	1				8	6	14
Brocton H. S.	H.	1	3	22	14	11	5		2	17	37	54
Brookfield H. S.	H.	1	1	13	11	5	5		1	10	25	35
Brooklyn Boys H. S.	H.	64		1 141	652	416	212		2 421			2 421
Brownville H. S.	H.	1	2	15	19	8	7			25	24	49
Bruhaton H. S.	H.	1	3	32	29	8	10			24	55	79
Bryant H. S. (Long Island City)	H.	9	30	744	308	148	106		5	577	784	1 311
Buchanan U. S.	J.	1	1	6						4	2	6
Buffalo Central H. S.	H.	10	23		426	304	141		14	402	573	975
Burdett U. S.	S.	1	1	14	9	3				13	13	26
Catro U. S.	M.	1	1	11	7	6				11	13	24
Caledonia H. S.	H.	1	4	24	20	15	10			33	36	69
Callicoon U. S.	S.	1	1	12	11	12	1			12	24	36
Cambridge H. S.	H.	1	3	31	21	22	12		5	33	68	101
Camden H. S.	H.	2	3	58	23	12	12		2	44	63	107
Camillus H. S.	H.	1	1	16	8	5	5		2	17	19	36
Campbell U. S.	M.	1	1	5	5					4	6	10
Canajoharie H. S.	H.	1	2	30	15	21	12		5	38	45	83
Canandaigua A.	H.	3	9	118	74	35	21			99	149	248
Canaseraga U. S.	S.	1	1	14	12	8	7			14	27	41
Canastota H. S.	H.	1	4	56	23	14	9		2	47	57	104
Candor H. S.	H.	1	1	21	18	4	15		12	28	43	70
Canisteo H. S.	H.	1	3	57	25	13	13		4	43	69	112
Canton H. S.	H.	1	6	77	59	32	34			85	117	202
Cape Vincent H. S.	H.	1	1	15	11	3	8			18	19	37
Carmel H. S.	H.	1	1	12	18	4	1			10	25	35
Carthage H. S.	H.	1	5	31	30	17	10		3	33	58	91
Camadaga U. S.	S.	1	1	7	10	4	2			5	18	23
Castile H. S.	H.	1	2	18	19	13	2			24	28	52
Castleton U. S.	J.	1	1	7	3					6	4	10
Cato H. S.	H.	1	1	12	7	6	6			9	23	31
Catakill H. S.	H.	1	6	54	49	40	17		12	81	91	172
Cattaraugus H. S.	H.	2	2	29	24	6	6		2	25	42	67
Cayuga U. S.	M.	1		10	3					4	9	13
Cazenovia H. S.	H.	1	1	20	24	16	3		4	29	28	67
Center Moriches U. S.	S.	1	1	7	3	4	2			10	6	16
Central Square H. S.	H.	1	1	12	11	11	4		4	20	22	42
Central Valley U. S.	M.	1	1	8	4					5	7	12

h=high school; S=senior; M.=middle and J.=junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
1	12	13							386	4	\$125		\$971 12
28	31	59	2	5	7				1 046	126	345	\$137	4 603 72
5	5	10							200		126		972 69
4	14	18							428		174		1 317 ..
31	43	74	4	6	10				500		750		4 249 24
4	4	8							142		121		833 12
8	10	18	1	1	2		1		572	36	450		1 747 12
2	2	4							395		454		957 16
14	26	40		5	5				530		300	31	2 960 02
4	3	7							325	77	225	70	2 683 11
8	10	18							225	40	110		1 746 03
1	6	7							580		239		719 ..
1	3	4							303	26	72	21	1 693 51
13	34	47	2	5	7		3	1	510		616		3 621 49
6	18	24	2	3	5		1	1	612		225	93	2 551 69
1 536	1 536	118			118	49		25	5 972	945	10 563	1 354	183 363 95
21	20	41	4	3	7				805	5	725	88	2 294 10
17	49	66	3	6	9	3		2	1 095	40	1 075	63	3 315 66
250	398	657	14	34	48	9	1	42	4 034	505	3 600	145	81 350 54
2	2	4							150		225		1 384 89
315	479	794	41	55	96	9	19	40	5 054	138	15 875	1 374	50 122 29
11	11	22							525	25	300	30	1 309 73
9	10	19							411		165	158	1 414 79
25	32	57	2	8	10			2	835	10	2 233	58	5 285 52
9	15	24							577	18	267	150	1 613 71
24	56	80	2	9	11	2		1	465		525	40	4 459 68
34	49	83	3	8	11	1		1	1 823		909		4 285 13
15	16	31	2	3	5				590	30	575	66	2 456 98
3	5	8							302	33	154	67	980 55
22	37	59	6	6	12	5	1		2 520	47	524	24	5 384 90
75	115	190	8	10	18	5		3	6 311	200	5 737	663	30 349 62
12	24	36	2	5	7			2	1 300		400		2 050 ..
32	47	79	3	6	9	3			1 245		1 323	62	6 024 31
20	31	51	5	10	15		1		220	220	60	69	3 722 24
32	53	85	3	10	13	2	2	4	667	13	600	60	5 685 71
71	101	172	12	15	27	21			835	5	642		10 503 28
15	31	46	4	4	8			2	1 014	14	314	85	3 274 31
8	19	27							733		491	92	2 724 39
24	43	67	4	6	10	3		3	2 000	709	1 600		9 418 46
3	13	16		1	1			2	300	20	325	102	825 03
18	25	43	1	1	2	1		1	410		400		2 267 63
4	4	8							267	48	100		523 03
6	18	24	1	5	6	3			500	200	450	57	1 711 06
68	67	135	6	12	18	7		6	638	4	1 054	267	8 737 01
21	37	58	1	5	6			2	2 739	689	3 000		4 658 52
2	9								146		130		811 14
23	34	57	3		3	6		1	505		89		2 600 ..
7	5	12	2		2				752	77	491	3	2 352 74
14	18	32							714	33	590	58	1 806 58
4	4	8						1	906	37	296		1 794 78

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
Champlain H. S.	H.	1	2	5	8	8	4		15	10	25
Charlotte H. S.	H.	1 ¹	2 ¹	43	5	6	6	3	18	45	63
Chateaugay H. S.	H.	1	3	47	23	6	6		31	51	82
Chatham H. S.	H.	1	4	56	35	20	9		56	64	120
Chaumont U. S.	S.	1	1	17	5	3			10	15	25
Chautauqua U. S.	S.	1	2 ¹	12	7	4	4		9	18	27
Chazy U. S.	J.			3	2				1	4	5
Chenango Forks U. S.	S.		1	11	4	4		1	5	15	20
Cherry Creek H. S.	H.	1	2	17	18	13	2		22	28	50
Cherry Valley H. S.	H.	1	1 ¹	2	5	6	3		8	8	16
Chester H. S.	H.	1	3	27	8	6	4	2	18	29	47
Churchville H. S.	H.	1	2	23	17	11	4		24	31	55
Cincinnati U. S.	S.	1	1	18	11	2	1		15	17	32
Clayton H. S.	H.	1	2	27	21	15	8		39	32	71
Clayville H. S.	H.	1	1 ¹	7	4	3		2	4	12	16
Cleveland U. S.	S.	1	1	14	11	2	5		6	26	32
Clifton Springs H. S.	H.	1	1 ¹	15	11	8	4		10	28	38
Clinton H. S.	H.	1 ¹	2 ¹	38	27	26	17		50	59	108
Clyde H. S.	H.	1 ¹	4 ¹	59	12	15	9		40	55	95
Clymer U. S.	S.	1	1	9	3	6	3		8	13	21
Cobleskill H. S.	H.	1	4 ¹	68	48	21	14	6	76	81	157
Coeysmans U. S.	S.	1	1 ¹	14	5	2	3		9	15	24
Cohocton H. S.	H.	1	2 ¹	8	16	6	6	3	19	20	39
Collins Center U. S.	S.	1	1	7	5	5	4		8	13	21
Colton U. S.	S.	1	1	18	6	4	5		18	15	33
Commercial H. S. (Brooklyn)	H.	77		1 798	743	409			2 950		2 950
Conestogville U. S.	S.	1	1	10	8	5	4		6	21	27
Cooperstown H. S.	H.	1	5	40	31	19	13	6	47	62	109
Copenhagen H. S.	H.	1	1	17	9	5	4	6	14	27	41
Corfu H. S.	H.	1	1 ¹	18	4	4	7	2	11	24	35
Corinth H. S.	H.	1	2	28	22	13	9		34	38	72
Corning F. A.	H.	3	5	141	50	23	15	13	117	125	242
Cornwall H. S.	H.	1	1 ¹	15	10	7	3		13	22	35
Cornwall-on-Hudson H. S.	H.	2	2	19	18	15	10	1	24	39	63
Cortland H. S.	H.	1	7	117	97	53	28	1	111	193	304
Coxsackie H. S.	H.	1	4	32	18	10	9	1	22	48	70
Crown Point U. S.	S.	1	1	15	6	3	2		8	18	26
Cuba H. S.	H.	1	3	32	22	15	10		30	49	79
Curtis H. S. (New Brighton)	H.	17	20	502	236	149	133		455	565	1 020
Dalton U. S.	S.	1	1	4	2	2	2		3	7	10
Dannemora U. S.	J.	1	1	12					5	7	12
Dansville H. S.	H.	1 ¹	3 ¹	36	29	23	15	3	50	56	106
Dayton U. S.	S.	1	1	1	5				1	5	6
De Kalb Junction U. S.	J.	1	1	12	7				8	11	19
Delaware A. & U. S. (Delhi)	H.	1 ¹	3	31	25	19	14	3	29	54	83
Delaware Literary Inst. & U. S. (Franklin)	H.	1	2	21	4	4	2	1	15	17	32
Delewan H. S.	H.	1	1	26	16	9	5	4	22	38	60
Depew U. S.	S.	1	2	19	14	5	6	1	18	29	47
Deposit H. S.	H.	1	1	32	40	16	6	3	37	60	97
De Ruyter H. S.	H.	1	2	32	14	7	8	2	20	40	60

H.—high school; S.—senior; M.—middle and J.—junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
9	10	19	2	2	2			1	982		\$448	\$102	\$3 214 85
15	37	52	2	4	6		1		1 033		1 709		7 809 05
19	38	57	3	3	6				2 031	30	1 000	14	3 772 03
48	56	104	4	7	11		3	1	5 048	336	1 200	237	6 706 92
8	11	19						1	363	15	325		1 692 20
7	16	23		2	2			1					6 167 26
4	3	7							100	20	100		654 55
17	9	26					1	1	423		280	95	1 382 21
7	23	30	1	1	2		2	1	968		550	20	2 510 83
13	6	19	1	2	3		3		1 587	25	500	39	2 379 95
18	22	40											
18	27	45	1	3	4		4	1	280	17	595	358	4 252 74
8	11	19	1	3	4		5		738	38	2 250		4 533 82
30	27	57	1	3	4		1		407	10	320		1 452 20
3	10	13	5	3	8		1	1	700		350	50	5 579 05
5	22	27							602	32	400		1 479 70
8	24	32		3	3				715	57	250	3	1 433 44
36	46	82	1	3	4		2	3	1 597	25	620	26	2 775 ..
27	45	72	4	5	9		6	1	2 362	12	897		6 673 71
6	11	17	1	8	9				2 136	12	1 773	19	5 223 66
57	66	123	1	2	3				300		200		1 529 89
8	12	20	7	7	14				1 706		760		6 105 71
15	19	34	2	3	5				403	20	596		1 847 63
5	9	14	2	2	4				2 000		700		2 836 04
13	18	26	1	1	2		1		515	33	400	5	1 880 70
1 774	.....	1 774	184	184	368	3	13	2	1 100	650	250		1 256 20
5	18	23	1	3	4		3	2	2 592	552	10 500	499	178 629 85
35	49	84	5	6	11		6	4	706	58	292	5	1 384 81
10	20	30	2	4	6		1		4 318	39	1 398	138	9 393 75
8	20	28	2	4	6		1		2 165	15	412		1 655 ..
27	30	57	9	10	19		1	2	485	14	450		2 124 33
97	106	203	7	8	15		10	1	1 000		1 000		4 083 67
11	20	31	1	2	3		5	1	1 219		1 620	331	11 319 88
21	33	54	1	9	10		1	1	125	21	300		2 989 21
88	156	244	13	23	36		3	16	822	57	400	45	4 816 06
17	39	56	5	2	7		1	1	2 200		1 313	456	8 535 89
7	12	19							400		700		3 360 68
22	40	62	1	9	10		1	1	315	10	240	29	1 536 54
268	381	649	26	40	66		18	4	550	18	400	111	3 379 22
2	5	7	2	2	4				3 252	539	3 000	167	87 143 51
3	6	9							484	4	350		1 361 81
40	49	89	5	9	14		1	2	233	20	57	5	1 006 75
1	4	5							837	13	775	21	8 842 53
7	7	14							424		240		822 28
22	44	66	2	12	14		6	2	222		109		1 307 57
10	14	24	1	1	2		3		2 543	222	500	46	5 253 72
16	28	44	2	3	5		2	2	700	100	600	112	2 567 01
13	25	38	1	6	7		2	4	657		550	37	1 548 65
29	49	78		2	2				445	15	925	190	6 342 76
14	36	50	4	1	5			2	2 459	121	568		5 790 ..
									697	9	335	10	2 876 0

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
De Witt Clinton H. S. (New York)	H.	61	17	1 194	856	474	233		2 757		2 757
Dexter H. S.	H.	1	2	25	16	10	9	3	25	28	63
Dickinson U. S.	J.	1		13					4	9	13
Dobbs Ferry H. S.	H.	2	2	13	7	5	2		10	17	27
Dolgeville H. S.	H.	1	1 1/2	32	17	12	10	1	32	40	72
Downsville U. S.	S.		1	5	4	5	1		6	9	15
Doyle U. S.	J.	1 1/2	7	1						1	1
Drum Hill H. S. (Peekskill)	H.		1	36	22	21	20	1	45	55	100
Dryden H. S.	H.	1	1 1/2	19	15	4	3		17	24	41
Dundee H. S.	H.	1	4 1/2	34	23	16	17	3	28	65	93
Dunkirk H. S.	H.	6	7	109	86	63	34	4	145	151	296
Earlville H. S.	H.	1	2	16	13	10	7		16	20	46
East Aurora H. S.	H.	1 1/2	4 1/2	39	37	16	10		44	56	102
East Bloomfield H. S.	H.	1	3	21	17	7	14		25	34	59
East Hampton H. S.	H.	1	2	25	14	7	9		25	30	55
East Islip U. S.	J.	1		12	2				7	7	14
East Pembroke H. S.	H.		1 1/2	8	9	6	3		8	18	26
East Randolph U. S.	S.	1	1	20	8	3	1		10	22	32
East Rochester U. S.	S.	1	1	13	5	4			12	10	22
East Rockaway U. S.	J.	1		3	2				2	3	5
East Springfield U. S.	S.	1	1	9	9	5	1		9	15	24
East Syracuse H. S.	H.	1 1/2	5	73	22	14	11		57	63	120
East Worcester U. S.	M.	1		6	5				5	6	11
Eastern District H. S. (Brooklyn)	H.	24	50	1 903	810	298	197		1 026	2 182	3 203
Eaton U. S.	S.	1	1	6	6	7	2		5	16	21
Eden U. S.	S.	1	1 1/2	4	3	6	4		4	13	17
Edmeston H. S.	H.	1	1	16	5	4	8	3	15	21	36
Edwards U. S.	J.	1		13	3				8	8	16
Egberts H. S. (Cohoes)	H.	2	6	68	33	19	27		65	82	147
Elba H. S.	H.	1	1 1/2	12	7	7	6		14	18	32
Elbridge U. S. & A.	S.	1	1	13	12	6	2		13	20	33
Elisabethtown H. S.	H.	1	1	5	9	4	2	4	10	14	24
Ellenburg Depot U. S.	S.	1	1	8	8	2			3	15	18
Ellenville H. S.	H.	1	5 1/2	72	17	16	23	4	58	74	132
Elliottsville H. S.	H.	1	3	27	18	13	7	8	32	41	73
Ellington H. S.	H.	1	1 1/2	8	15	5	17	3	21	27	48
Elmira F. A.	H.	4	23	319	249	165	91	24	369	479	848
Elmira Heights U. S.	S.	1	2	15	8	5			17	11	28
Erasmus Hall H. S. (Brooklyn)	H.	43	55	2 642	796	518	304		1 136	3 124	4 260
Erieville U. S.	M.	1	1 1/2	3	2	5			4	6	10
Essex H. S.	H.	1		4	5		1		6	4	10
Evans Mills U. S.	M.	1 1/2	1 1/2	4	7	5		1	4	13	17
Fabius H. S.	H.	1	1	10	10	4	3		11	16	27
Fair Haven H. S.	H.	1	1 1/2	9	3	8	4		11	13	24
Fairport H. S.	H.	1	4	40	21	20	11	1	45	48	93
Falconer H. S.	H.	1 1/2	2 1/2	20	23	19	2	2	30	36	66
Far Rockaway H. S.	H.	3	5	72	54	69	14		85	124	209
Fayetteville H. S.	H.	1 1/2	2 1/2	15	11	14	6	1	18	29	47
Felts Mills U. S.	M.	1	1	6	6	1		1	4	10	14
Filmore H. S.	H.	1	1	28	6	6	7	1	22	21	43

a H.=high school; S.=senior; M.=middle and J.=junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS							LIBRARY		APPARATUS		EXPENDITURES		
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year		Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
1 901		1 901	109		109	74		35	5 349	762	\$13 000	\$578	\$193 144 56
19	29	48	1	7	8	2	1	4	978	16	482	46	2 956 22
2	6	8							155	72	110	100	7 721 26
10	13	23	1	1	2			1	700	50	100		3 898 04
24	30	54	1	7	8	2		1	440	11	803	57	3 915 64
6	7	13		1	1			1	431	88	200	127	2 351 56
									100	11	325		343 07
40	51	91	2	12	14	1	2	1	575		1 200	49	9 478 03
14	17	31	1	2	3	1			683	25	539	63	2 210 84
22	43	65	6	10	16	2	1	3	400		500		5 094 62
116	127	243	8	12	20	1	3	2	2 495		2 075	460	29 136 07
12	25	37		4	4			3	675	25	473		2 600 06
33	48	81	2	6	8	1	2	1	2 652		2 000		7 204 60
17	28	45	7	7	14				1 000	34	880	11	4 793 25
21	27	48	4	5	9	2		1	360	21	800	14	3 176 68
4	4	8							400	21	100		2 350 48
5	13	18		3	3				764	150	513	32	1 992 26
7	15	22	1		1				733	30	670	12	1 805 30
8	8	16							325	162	250	100	2 828 46
1	1	2							325	25	255	9	1 112 49
6	9	15	1		1				402		200		3 189 68
44	49	93	8	9	17	2	1	6	1 458	21	2 594	113	8 007 25
4	5	9							275		101		730 86
632	1 391	2 023	27	78	105	11		77	3 500		3 954	330	171 589 38
4	14	18		2	2			1	585	12	370	17	1 362 50
4	12	16	2	2	4				421	42	407		1 391 44
13	17	30	3	4	7				771		309	35	2 690 64
3	5	8							76	7	34	6	745 11
51	66	117	6	13	19			7	915		700	409	8 574 31
7	9	16	1		1		2	2	400	75	200		1 535 96
7	16	23				2		4	550	25	650		2 403 22
8	8	16	2		2	1		4	420	24	425		1 743 66
2	14	16							500		400		1 959 47
45	57	102	12	11	23	2		3	424		700	23	5 078 ..
25	31	56	3	4	7	2			1 272	80	900	53	3 427 17
15	22	37	6	10	16	1			550		700		1 861 91
297	399	696	25	52	80	30	2	8	3 987	188	1 797		25 515 98
13	10	23						1	637		462		4 877 40
661	1 696	2 357	31	109	140	31		77	7 500	250	11 000	1 412	226 944 44
3	3	6				3		1	287		100	92	1 210 99
4	3	7				1			380		198		1 386 99
2	11	13							403	167	215	104	2 464 80
9	15	24		3	3	2			372	31	263	35	1 564 84
7	10	17	1	2	3	1			500	70	656	24	1 708 07
40	42	82	7	4	11	1		2	589	38	700		6 989 ..
23	32	55		2	2				462		450	61	3 857 34
63	97	160	4	8	12	1		1	2 216	93	2 000	65	40 336 97
15	26	41	2	4	6			2	1 658	43	500	18	3 492 28
3	7	10						1	306		244	87	2 261 54
17	16	33	2	5	7				212	17	560	21	2 386 86

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
Findley Lake U. S.	S.	1	1	5	3		2		3	7	10
Fishkill U. S.	M.	1	3	9	2				5	6	11
Fishkill-on-Hudson H. S.	H.	3	3	24	12	17	8	2	22	41	63
Flushing H. S.	H.	14	13	265	135	98	92		237	363	600
Fonda H. S.	H.	1	2	15	6	12	6		16	23	39
Forestport U. S.	J.	1	1	10	5				2	13	15
Forestville F. A.	H.	1	2	17	20	21	19		30	38	77
Fort Ann U. S.	S.	1	14	11	10	3	2		11	15	26
Fort Covington H. S.	H.	1	2	21	14	11	16		25	37	62
Fort Edward H. S.	H.	1	31	23	18	10	13		28	36	64
Fort Plain H. S.	H.	1	3	27	18	16	5	3	31	38	69
Frankfort H. S.	H.	3	3	37	13	10	10	4	35	39	74
Franklin A. (Malone)	H.	2	6	107	57	29	26	7	82	144	226
Franklin A. & Prattburg H. S. (Prattburg)	H.	1	2	35	9	8	7		25	34	59
Freedom U. S.	S.	1	1	5	4	1	1		6	5	11
Freeport H. S.	H.	24	54	49	27	21	21	4	60	62	122
Freeville H. S.	H.	1	1	6	5	3	2		8	8	16
Frewsburg H. S.	H.	1	14	22	10	3	3	1	18	21	39
Friendship H. S.	H.	1	4	36	18	11	13	4	30	52	82
Fulton H. S.	H.	2	8	129	100	30	20		129	160	289
Fultonville H. S.	H.	1	1	15	7	3	3	4	13	19	32
Gainesville H. S.	H.	1	14	13	17	4	3		16	21	37
Galway U. S.	J.	1	1	9	6	1			7	9	16
Gardenville U. S.	S.	1	1	9	3	2	2		6	10	16
Geneva H. S.	H.	4	14	113	85	66	29	13	132	174	306
Georgetown U. S.	S.	1	1	8	8	4	4		10	14	24
Gerry U. S.	J.			5					1	4	5
Gilbertsville H. S.	H.	1	1	13	13	4	8		19	19	38
Gris H. S. (Brooklyn)	H.	9	106	1 930	1 008	527	370		3 885	3 885	
Glen Cove H. S.	H.		6	33	16	6	2	2	25	34	59
Glens Falls H. S.	H.	2	8	80	93	33	19	7	96	134	233
Gloversville H. S.	H.	2	13	172	124	85	36		182	235	417
Good Ground U. S.	J.	1	1	3	4				3	4	7
Goshen H. S.	H.	1	4	29	23	12	3	2	34	35	69
Gouverneur H. S.	H.	14	84	105	84	64	27	10	107	183	290
Gowanda H. S.	H.	1	3	51	24	12	9		42	64	106
Granville H. S.	H.	1	44	39	43	16	14		48	64	112
Great Neck H. S.	H.	14	2	14	15	4	2		10	25	35
Great Valley U. S.	S.	1	1	9	5	3			7	10	17
Greene H. S.	H.	1	3	23	21	12	20	1	33	44	77
Greenport H. S.	H.	14	44	49	22	10	14	7	49	53	102
Greenville F. A.	S.	1	1	16	3	7	2		11	17	28
Greenwich H. S.	H.	1	3	64	22	14	13	8	61	60	121
Greenwood U. S.	S.	1	1	16	6	5			7	20	27
Greetsville H. S.	H.	1	31	28	11	10	9		33	25	58
Griffin-Fleischmanns U. S. (Griffin Corners)	M.	1	1	7	7	3			6	15	11
Griffith Inst. & U. S. (Springville)	H.	1	4	50	44	40	23	3	62	98	160
Groton H. S.	H.	1	2	24	17	20	5	2	26	42	68
Croveland U. S.	S.	1	1	3	1				1	4	5
Gulford U. S.	S.	1	1	3	3	3	1		8	3	11

* H.=high school; S.=senior; M.=middle and J.=junior school.

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 OF PUBLIC SCHOOLS

PUPILS						LIBRARY		APPARATUS		EXPENDITURES			
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
3	5	8	1	1	2				460		\$115		\$1 421 66
3	5	8							499	22	375		1 653 37
20	34	54	5	3	8				1 312	173	502	\$141	5 507 18
173	283	456	16	28	44	12			4 070	121	688	132	97 315 53
13	20	33	2	2	4				1 962	86	973	28	4 070 87
1	9	10							234	3	170		838 69
31	33	64	9	10	19	2			1 982	67	750		6 580 32
9	12	21							590		350		1 989 45
25	37	62	9	6	15	3	2	2	650		400		3 076 92
22	31	53	2	8	10	2	2	2	1 460	25	650	32	4 539 71
28	34	62	2	2	4	1	1	1	874		450	87	5 876 81
28	33	61	2	8	10	2	1		690	119	1 100	104	5 277 80
65	118	183	15	12	27	12	4	5	3 823	50	1 150	166	8 968 52
17	29	46	1		1				1 053	56	906		3 063 31
4	3	7							350	20	210		1 198 70
53	51	104	6	11	17	4		1	277	40	600	114	17 781 32
3	7	10		1	1				300		350		1 646 28
15	17	32	1	2	3		3		739		250		2 177 13
20	32	52	3	9	12	2		5	1 152	70	853	56	4 927 43
96	120	216	6	14	20	6	1	5	777	30	2 000	105	9 843 66
10	15	25	2	1	3	1		1	1 030	30	623	100	2 323 76
12	15	27	1	1	2			3	420		200		2 494 24
6	7	13							300		140	13	1 072 52
6	8	14	1	1	2				770	191	500	150	1 710 ..
106	144	250	7	16	23	18	4		7 938	256	2 407		18 344 05
9	11	20		4	4				350		350	5	1 071 97
1	2	3							346		125		681 67
15	17	32	1	6	7		1		933	62	383	56	2 706 02
2	652	2 652	313	313	35	2	231		6 259	393	20 565	159	222 868 15
18	27	45	1	1	2	1	3		305	5	1 150	22	7 052 78
68	99	167	5	11	16	8	3	2	2 390	200	1 250	80	23 541 13
133	184	317	6	9	15	6	3	5	2 322	171	1 200	154	27 811 36
3	3	6							100		100		1 320 58
30	31	61	1	2	3	2		5	1 503	22	1 033	45	5 888 11
89	158	247	14	13	27	15	1	2	1 295	25	2 200	76	10 943 47
32	47	79	3	6	9	1	2	2	1 352		963		5 351 94
38	55	93	5	9	14		5	2	952		1 205	207	7 845 18
8	20	28	1	2	3				1 630	140	500		8 847 49
4	8	12						4	480		250		1 398 86
28	40	68	4	16	20	3	3	2	1 600	50	600	18	4 621 70
35	39	74	6	8	14	2	1	2	1 285	25	755		8 091 57
7	9	16	1		1	1		2	450		215		1 617 74
48	46	94	6	7	13	2		1	738	17	1 500		4 580 63
5	15	20						3	415		450	25	1 473 64
20	20	40	7	2	9	3		2	395	50	800	7	3 263 18
4	3	7							180	26	175	80	2 014 36
50	79	129	9	16	25	7		6	2 260	30	1 300	162	9 267 56
23	26	59		5	5	2			742	2	700	31	3 995 35
1	2	3							200	42	118		998 18
6	3	9				2	1		501		300		1 398 79

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

Name of school	TEACHERS		REGISTRATION							Total registration
	Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	
Halesboro U. S.	J.	1	6							6
Haldane H. S. (Cold Spring)	H.	1	17	12						29
Hamburg H. S.	H.	1	43	26	9	8		18	28	46
Hamilton H. S.	H.	1	27	10	23	16		50	62	112
Hammond U. S.	S.	1	26	12	9	12		11	50	61
					4	5		17	30	47
Hammondsport H. S.	H.	1	3	22	20	12	14	30	51	81
Hancock H. S.	H.	1	44	59	20	12	7	45	53	101
Hannibal H. S.	H.	1	13	21	14	8	5	23	26	49
Harrison U. S.	J.	1	11					4	15	21
Harrisville U. S.	S.	1	1	11	8	8	1	13	17	28
Hartford U. S.	S.		2	11	13	3	6	9	25	34
Hartwick U. S.	S.	1	16	10	5	2	2	16	17	33
Hastings-on-Hudson U. S.	J.	1	11	6	2	3		11	11	22
Haverling H. S. (Bath)	H.	2	31	45	31	27	26	53	80	133
Haverstraw H. S.	H.		7	67	40	27	10	59	87	146
Hempstead H. S.	H.	1	7	42	33	30	11	42	80	122
Henderson U. S.	J.	1	1	15	5			10	10	20
Herkimer H. S.	H.	1	5	67	52	28	17	64	104	168
Hermon H. S.	H.	1	1	9	6	5	4	9	15	24
Heuvelton U. S.	S.	1	1	15	12	8	3	16	22	38
Hicksville U. S.	J.	1	4					1	3	4
High School of Commerce (New York)	H.	58	1	352	472	202	112	15	2	153
Highland H. S.	H.	1	2	12	7	5	8	12	23	35
Highland Falls H. S.	H.	2	2	45	16	16	9	39	52	91
Hillsdale U. S.	S.	1	1	13	10	5	4	14	18	32
Hilton H. S.	H.	1	2	10	8	9	16	15	28	43
Hilton Memorial H. S. (Andes)	H.	1	1	13	7	3	9	7	19	26
Hinsdale U. S.	S.	1	1	7	8	8	1	9	15	24
Hobart H. S.	H.		2	12	10	4	8	17	17	34
Holland U. S.	S.	1	1	6	8	4	4	15	7	22
Holland Patent H. S.	H.	1	2	19	29	14	9	31	40	71
Holley H. S.	H.	1	3	48	36	19	23	55	72	127
Homer A. & U. S.	H.	1	4	47	39	15	27	1	57	72
Honeoye H. S.	H.	1	1	12	6	2	1	9	13	22
Honeoye Falls H. S.	H.	1	2	33	23	13	5	24	53	77
Hoosick Falls H. S.	H.	2	5	70	49	36	32	91	97	188
Hornellsville H. S.	H.	1	14	160	120	81	36	5	174	230
Horseheads H. S.	H.	1	3	39	27	20	17	2	39	66
Hudson H. S.	H.	3	5	72	66	32	26	78	126	204
Hunter H. S.	H.	1	1	6	5	7	9	10	17	27
Huntington H. S.	H.	1	4	34	34	24	10	33	60	102
Hyde Park U. S.	M.	1	1	15	1			8	8	16
Hyon H. S.	H.	1	7	97	43	34	35	88	134	222
Indian Lake U. S.	S.	1	1	6	7	1		5	9	14
Interlaken H. S.	H.	1	1	10	11	8	9	13	26	39
Irondequoit U. S.	J.		1	8				4	4	8
Irvington H. S.	H.	1	3	27	13	3	4	20	27	47
Islip H. S.	H.	2	2	24	25	7	8	1	25	40
Ithaca H. S.	H.	5	16	235	153	166	116	14	348	664
Jamaica H. S.	H.	14	18	579	241	124	128	253	719	1 072

• H.=high school; S.=senior; M.=middle and J.=junior school.

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each academic department
OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
13	4	4							407	56	\$82	\$22	\$594 15
35	21	34	1	6	7	2	2		1 200		700	12	3 124 68
8	38	46	7	9	16	3		5	1 980		1 500		5 971 61
15	23	38	1	4	5	1		2	908	6	300	42	5 222 20
23	43	66	5	7	12	2	3	10	300	10	100		2 037 50
20	44	74	2	5	7	4	5	3	425	15	600	17	3 941 74
15	21	36	4	2	6	2		3	1 380	50	2 284	250	7 416 84
2	5	7							830	40	472	11	2 940 ..
8	11	19		1	1			3	400	100	380	14	1 877 01
7	20	27	2	5	7	2			395	10	200	16	2 233 34
9	13	22							430		150	6	2 090 79
9	11	20							456		194		1 356 79
41	64	105	12	14	26	7	4	6	722	45	175	53	4 923 50
46	69	115	3	6	9	1	2	2	393	55	1 200	25	8 821 08
22	59	91	4	7	11	2		4	1 161		1 000		7 842 02
8	8	16							1 247	125	900	94	10 612 03
49	92	141	6	11	17	4	1	5	300		100	28	843 39
6	12	18		2	2	1		1	762	50	842	59	6 681 20
13	16	29	1	2	3			1	502		200	29	1 441 91
									675		275	24	2 515 63
	1	1							200		50		1 328 65
10	19	29	4	3	7			2	3 582	928	8 600	631	142 557 06
29	38	67	3	5	8				900	50	275		2 671 28
10	17	27	1	3	4			1	745	12	550		3 446 90
									313		800		2 074 01
5	28	38	1	15	16	2			211		493	26	2 809 60
12	15	20	1	3	4	1		1	630	25	300	6	2 576 21
8	13	21		1	1			1	500	30	140		2 072 02
13	12	25	4	4	8	1	1	2	1 175	60	725		1 962 10
12	5	17	3	1	4				470	70	387		1 111 05
24	35	59	5	4	9	3	3	1	1 893	12	523	24	4 540 57
40	63	103	6	17	23	1	1	4	1 211	300	700	80	6 001 47
49	60	109	16	11	27	4	2		2 129	31	1 697	106	4 876 92
6	9	15		1	1			1	390		425	75	1 741 95
17	48	65	2	3	5	7	3	7	650	50	665	68	3 732 74
77	83	160	15	17	32	5	3	5	877	15	2 125	86	8 257 82
137	191	328	16	22	38	3	6		1 842	29	3 000		14 571 30
31	51	82	7	10	17	3		7	1 244	126	1 150	32	5 672 05
59	106	165	7	14	21	4		3	1 000	10	1 400	125	8 600 12
7	12	19	2	7	9				225		328	42	2 721 77
24	56	80	1	9	10	7		2	660	10	425	20	8 378 13
5	7	12							600	40	700	12	1 999 73
71	105	176	15	20	35	12	2		736		1 052	36	7 723 27
4	7	11				2	3		398		257		1 594 83
10	20	30	2	5	7	1	1	1	567	32	437	67	3 059 37
2	4	6							345	133	100	1	1 843 93
15	21	36	1	3	4	4	1	3	462		1 500		8 803 ..
19	34	53	5	4	9	1	2		1 028	8	1 800		5 895 35
284	281	565	43	49	92	71	1	1	3 091	104	3 300		31 953 06
196	415	613	28	37	65	27	4	35	2 490	50	4 000	349	69 259 20

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION								
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration	
Jamestown H. S.	H.	7	17	264	87	82	62	30	209	316	525	
Jamesville H. S.	H.	1	1	9	11	6	1		13	14	27	
Jefferson H. S.	H.	1	1	10	4	7	3		9	17	26	
Johnstown H. S.	H.	3	7	84	64	45	18	9	110	110	220	
Jordan F. A.	H.	1	2	16	16	20	13	2	31	36	67	
Katonah U. S.	M.	1	2	25	8	3	3		13	26	39	
Keeseville H. S.	H.	1	2	20	9	8	14		23	25	51	
Kenmore U. S.	J.	1	1	6					2	4	6	
Kinderhook U. S.	M.	1	5	5	5	2			4	8	12	
Kingston F. A.	H.	3	9	231	54	51	39		170	205	375	
Knowlesville U. S.	M.	1	1	11	4				7	8	15	
Knoxboro U. S.	S.	1	1	9	4	4			4	13	17	
Lafayetteville U. S.	M.	1	1	12	4	5			14	7	21	
Lafayette H. S. of Buffalo	H.	9	32	539	527	304	257	34	728	933	1 661	
La Fayette U. S.	S.	1	1	2	9	4	2		8	9	17	
Lake George U. S.	S.	1	1	9	8	7	2		12	14	26	
Lake Placid H. S.	H.	1	2	19	18	7	3	1	28	25	53	
Lakewood H. S.	H.	1	1	18	5	4	9	5	17	24	41	
Lancaster H. S.	H.	1	3	13	19	17	5	2	28	28	56	
Lansingburg H. S.	H.	2	6	121	38	29	29	1	100	118	218	
Lawrence H. S.	H.	1	4	33	17	7	4	1	28	34	62	
Leavenworth I. & Wolcott H. S. (Wolcott)	H.	1	3	41	20	15	10	4	39	51	90	
Leonardville U. S.	S.	1	1	9	6	3	10		12	16	28	
Le Roy H. S.	H.	1	4	44	33	32	14	1	51	73	124	
Lestershire H. S.	H.	1	3	36	19	6	6		29	38	67	
Lewiston U. S.	S.	1	1	4	2	9			6	10	16	
Liberty H. S.	H.	1	2	43	17	7	7	8	44	38	82	
Limestone H. S.	H.	1	1	13	8	5	5		9	22	31	
Lindenhurst U. S.	J.	1	1	6					4	2	6	
Lisle U. S.	S.	1	1	4	5	4			4	9	13	
Little Falls H. S.	H.	2	7	59	76	51	31	1	104	114	218	
Little Valley H. S.	H.	1	2	16	12	16	4	3	26	25	51	
Liverpool U. S.	S.	1	2	18	10	8	2		17	21	38	
Livingston Manor U. S.	S.	1	1	17	9	6	3		10	25	35	
Livonia H. S.	H.	1	3	51	28	8	7	3	43	54	97	
Lockport H. S.	H.	4	13	125	102	71	50	6	175	179	354	
Lodi U. S.	J.	1	1	9	3				3	9	12	
Longlake U. S.	S.	1	1	15	3	3	2	2	10	13	23	
Lowville A.	H.	2	4	75	36	20	11		54	85	142	
Ludlowville U. S.	M.	1	1	9					1	8	9	
Luzerne H. S.	H.	1	2	11	9	7	7		16	18	34	
Lynbrook H. S.	H.	1	2	25	12	8		1	20	26	46	
Lyndonville H. S.	H.	1	3	46	29	16	15	2	49	59	108	
Lyon Mountain U. S.	S.	1	1	5	3				1	10	11	
Lyons H. S.	H.	1	4	73	21	16	14	5	52	77	129	
Lyons Falls H. S.	H.	1	1	15	7	2	3	2	10	17	27	
Lysander U. S.	S.	1	1	4	4	5			7	6	13	
Macedon H. S.	H.	1	1	15	5	9	4		15	18	33	
McGraville H. S. (McGraw)	H.	1	1	12	6	6	5		7	22	29	
Maclias U. S.	S.	1	1	6	17	10	6	1	15	25	40	

α H.—high school; S.—senior; M.—middle and J.—junior school.

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each academic department
OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
166	260	426	19	41	60	12	.....	14	5 430	366	\$5 800	\$80	\$44 338 89
9	10	19	.....	1	1	.....	.....	.....	362	21	400	43	1 772 77
7	13	20	1	2	3	.....	.....	.....	363	.....	275	4	1 620 81
85	83	168	4	12	16	11	.....	3	3 072	152	2 587	69	9 747 73
24	29	53	7	4	11	.....	.....	.....	1 219	15	975	.....	2 087 20
18	10	28	1	2	3	.....	.....	.....	200	40	300	120	3 947 65
15	20	35	5	7	12	2	2	1	1 089	19	551	50	3 878 32
1	3	4	.....	.....	.....	.....	.....	.....	82	69	75	5	1 349 31
3	8	11	.....	.....	.....	.....	.....	.....	706	141	440	60	1 911 45
130	163	302	12	22	34	5	.....	5	2 140	182	4 418	418	15 458 24
5	4	9	.....	.....	.....	.....	.....	.....	400	.....	169	6	1 223 40
4	10	14	.....	.....	.....	.....	.....	.....	269	19	233	25	1 259 50
9	4	13	.....	.....	.....	.....	.....	.....	316	19	233	8	1 465 48
651	814	1 465	112	103	215	90	18	.....	2 133	431	5 188	789	57 963 02
7	8	15	1	1	2	.....	.....	.....	250	20	200	.....	2 539 35
9	9	18	.....	1	1	.....	.....	.....	567	39	575	212	2 225 ..
18	23	41	.....	3	3	4	.....	.....	762	52	534	32	4 728 20
10	18	28	3	6	9	.....	.....	.....	548	53	385	.....	3 122 94
21	21	42	3	2	5	.....	.....	.....	1 135	13	777	131	5 349 29
73	79	152	7	15	22	2	1	2	155	.....	1 100	.....	10 442 71
21	27	48	.....	3	3	.....	.....	.....	3 563	24	3 950	.....	5 623 64
32	40	72	4	6	10	4	.....	1	850	20	1 500	13	4 990 35
10	13	23	3	6	9	.....	.....	.....	674	.....	215	.....	1 332 96
38	61	99	3	8	14	1	3	4	1 766	210	1 600	105	6 549 14
23	27	50	5	.....	5	1	1	3	803	85	375	298	6 784 74
5	8	13	.....	.....	.....	.....	.....	.....	220	1	275	39	2 305 22
27	30	57	2	5	7	.....	.....	.....	320	.....	360	53	3 243 79
7	20	27	.....	5	5	1	1	.....	979	26	520	19	2 359 52
2	2	4	.....	.....	.....	.....	.....	.....	347	33	140	9	2 284 ..
3	8	11	.....	.....	.....	.....	.....	.....	414	.....	320	.....	1 436 30
81	94	175	14	11	25	10	3	2	1 552	288	5 000	143	11 961 40
21	23	44	4	4	4	1	1	7	1 554	5	905	55	3 623 31
17	21	38	2	.....	2	.....	.....	.....	250	30	375	164	2 124 37
7	18	25	.....	2	2	.....	.....	.....	222	6	315	2	1 771 57
30	44	74	3	4	7	1	1	.....	760	.....	630	11	2 907 57
140	159	299	19	27	46	3	1	2	646	46	4 200	139	16 937 78
2	6	8	.....	.....	.....	.....	.....	.....	159	.....	80	22	860 70
5	10	15	.....	1	1	.....	.....	.....	639	106	400	.....	3 829 20
44	73	122	6	5	11	3	1	2	.....	.....	.....	9	5 847 56
1	5	6	.....	.....	.....	.....	.....	.....	520	45	175	.....	1 020 25
12	14	26	1	4	5	1	.....	3	725	21	960	43	3 674 75
17	20	37	.....	.....	.....	.....	.....	.....	369	26	490	24	5 828 28
31	45	76	6	9	15	1	.....	1	598	45	400	.....	3 326 31
.....	9	9	.....	2	2	.....	.....	.....	692	4	200	44	2 137 62
30	59	98	5	8	13	2	.....	3	4 225	212	1 100	53	6 521 64
6	15	21	1	2	3	.....	.....	.....	394	30	200	7	2 446 36
4	5	9	.....	.....	.....	.....	.....	.....	300	.....	425	.....	1 175 75
9	13	22	3	1	4	.....	.....	.....	400	.....	225	32	2 173 97
5	19	24	2	3	5	.....	.....	.....	525	1	542	52	1 680 17
18	17	30	.....	.....	.....	.....	.....	.....	964	59	883	.....	1 379 51

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
McLean U. S.	H.	1	3	8	8	7			2	9	11
Madison U. S.	S.	1	6	8	8	7			7	9	16
Madrid H. S.	H.	1	26	16	16	5	8	1	14	42	56
Mamaroneck H. S.	H.	1	23	18	10	10	10	1	24	38	62
Manchester H. S.	H.	1	12	4	8	6	6	4	15	14	29
Manhasset U. S.	J.	1	5	2	2				1	6	7
Manlius H. S.	H.	1	37	21	4	5			29	38	67
Manual Training H. S. (New York)	H.	57	52	1 630	1 086	488	326		1 816	1 714	3 530
Marathon H. S.	H.	1	15	15	6	7			19	24	43
Marcellus H. S.	H.	1	2	28	23	13	10	1	33	42	75
Margaretville H. S.	H.	1	3	12	19	11	14	4	20	40	60
Marion H. S.	H.	1	1	22	8	5	6		12	29	41
Marlboro U. S.	M.	1	15	1	1				7	9	16
Maseena H. S.	H.	1	4	44	32	21	14	1	54	58	112
Masten Park H. S. (Buffalo)	H.	6	30	430	343	259	152	21	570	635	1 205
Matteawan H. S.	H.	1	3	19	26	12	12	5	28	46	74
Mayfield U. S.	J.	1	10	10					4	6	10
Mayville H. S.	H.	1	21	15	9	7	5	2	15	23	36
Mechanicville H. S.	H.	2	3	56	21	13	20	2	46	66	112
Medina H. S.	H.	1	5	63	44	21	18	2	61	87	148
Meridian U. S.	J.	1	9	9					5	4	9
Mexico A. & H. S.	H.	2	3	39	12	22	13	1	31	56	87
Middle Granville U. S.	S.	1	15	13	8	6	2		6	38	44
Middleburg H. S.	H.	1	2	25	16	12	7		28	32	60
Middlebury A. & U. S. (Wyoming)	H.	1	1	13	6	6	11		11	25	36
Middleport H. S.	H.	1	3	53	40	22	12	2	51	78	129
Middlesex U. S.	J.	1	2	7					2	7	9
Middletown H. S.	H.	5	6	66	107	38	23		101	133	234
Middleville H. S.	H.	1	1	9	8	9	4	4	12	22	34
Milford H. S.	H.	2		9	10	5	3		9	15	27
Millbrook Memorial S.	H.	1	2	16	16	10	3	2	21	26	47
Millerton H. S.	H.	1	1	5	8	12	5		5	25	30
Mineola U. S.	J.	1	1	8	9				9	8	17
Minetto U. S.	J.	1	12						7	5	12
Mineville H. S.	H.	1	2	16	12	10	7		13	32	45
Mohawk H. S.	H.	2	1	18	21	9	9		18	39	57
Molra H. S.	H.	1	1	13	9	6	3	1	8	24	32
Monroe U. S.	S.	1	1	8	7	4	4		4	15	19
Montgomery H. S.	H.	1	1	13	4	8	1		8	18	26
Monticello H. S.	H.	1	3	39	28	20	10	1	42	56	98
Moers H. S.	H.	1	1	19	11	15	5	1	9	42	51
Moravia H. S.	H.	1	2	35	29	9	10	4	24	53	87
Morris H. S.	H.	1	2	16	8	14	6	1	20	25	45
Morris H. S. of New York	H.	36	63	1 616	908	527	539		1 232	2 258	3 590
Morristown U. S.	S.	1	1	15	10	2	6		9	24	33
Morrisville H. S.	H.	1	1	8	7	7	3		10	15	25
Moscow U. S.	S.	1	1	7	7	7	1		8	12	15
Mt Kisco H. S.	H.	1	2	17	8	7	4		17	19	36
Mt Morris H. S.	H.	1	3	25	19	8	3		17	38	55
Mt Upton U. S.	S.	1	1	7	8	2	3		8	12	20

e H.=high school; S.=senior; M.=middle and J.=junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS						ENTERING HIGHER INSTITUTIONS			LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			Colleges	Normal schools and normal colleges	Professional and technical schools	Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total								
2	6	8							290	90	\$100		\$982 87
5	8	12	3	3	6				569	4	355		2 048 61
10	35	45	1	1	2				825		421		1 880 69
19	30	49	4	4	8				2 031	406	525	\$153	12 438 48
10	9	19	4	2	6				685		500		2 396 57
34	52	86							511	27	246	23	2 580 86
1 267	1 249	2 516	70	142	212	21	1	89	4 384	266	7 950	107	287 295 83
16	21	37	3	3	6				186		401	22	2 839 37
28	38	66	1	8	9	1	2		500	22	367		3 366 82
15	23	38	6	8	14	2			1 100	60	454	30	4 127 73
8	33	41	1	5	6	1			361	30	1 550	61	2 276 16
9	7	16							410		400	5	1 051 13
42	48	90	1	13	14	1	1		423	5	425	57	6 684 72
483	546	1 029	49	73	122	27	22	29	2 150	40	13 028	680	51 906 97
24	40	64	5	4	9	2	1		902	18	1 092	30	6 961 85
2	5	7							377	47	53	18	570 82
13	17	30	2	3	5				704		1 000		3 561 66
34	55	89	9	11	20				6 400	50	800	25	6 241 84
58	70	128	7	11	18	5	2	2	2 025	10	1 107		17 803 65
1	2	3							150		150		716 57
23	49	72	5	5	10	2	7		1 408		750	45	4 307 40
5	22	27							371		325		1 836 49
19	25	44	1	2	3		1		1 315	40	900		2 923 37
8	23	31	2	6	8	1		3	180		500		1 860 51
4	71	114	6	6	12				500		350	41	4 083 36
7	5	12							325	1	75		445 42
81	108	189	12	11	23	4			1 706	5	6 000	522	15 788 22
10	17	27	1	3	4				661		450		2 636 38
6	14	19		3	3		2		500		350		2 170 81
15	23	41	1	2	3	2	1	3	429	21	550	44	3 887 15
4	22	26	1	3	4	1		1	1 206	86	575	18	2 400 90
7	7	14							333	17	80		2 787 55
4	3	7						2	240	8	100		810 53
9	25	34		4	4		2	2	1 063	20	1 070	72	4 007 73
15	35	50	1	8	9	1		4	593	1	604	92	5 283 35
5	19	24	1	1	2				523	47	450	39	1 674 23
3	12	15							561		266	84	2 960 60
7	16	23		1	1	1		1	646	41	432		2 779 19
31	41	72	5	4	9				1 106		450	30	4 861 27
7	39	36	2	3	5	2		4	624		634		3 940 57
26	32	58	3	6	9			2	990	22	1 369	73	4 523 46
14	21	35	3	3	6		2		1 200	12	675	9	3 530 09
847	1 643	2 490	65	192	257	56	162		6 130	485	10 834	598	233 724 59
6	19	25	2	4	6				513		180	12	2 109 23
9	11	20							314	106	373	34	3 223 96
3	10	13		1	1				240	4	209		1 185 17
14	15	29	2	2	4				700	21	556	63	4 415 25
13	33	46	1	2	3		3		2 357	7	425	156	5 382 30
7	9	16	2	1	3				429	20	300		1 130 ..

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

Name of school	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
Mt Vernon H. S.	H.	6	24	389	189	108	100		337	449	786
Munnsville U. S.	S.	1	1	9	8	5	5		9	18	27
Mynderse A. (Seneca Falls)	H.		54	52	33	18	20	4	58	69	127
Naples H. S.	H.		23	22	16	10	15		20	43	63
New Berlin H. S.	H.	1	2	19	16	12	11	1	19	40	59
New Hartford H. S.	H.		31	38	18	9	10	1	35	41	76
New Rochelle H. S.	H.	5	12	165	73	47	33	8	165	166	331
New Woodstock U. S.	J.			8	3				6	5	11
New York Mills U. S.	J.			2					3	1	4
New York Mills U. S. No. 2	J.	1		8	1				5	4	9
Newark H. S.	H.		5	56	33	33	14	4	58	82	140
Newark Valley H. S.	H.	13	2	18	16	8	4		26	20	46
Newburgh F. A.	H.	4	13	163	124	86	26	8	200	207	407
Newfield H. S.	H.	1	14	14	7	8	2	3	11	23	34
Newport H. S.	H.		11	14	6	8	9		11	26	37
Newtown H. S. (Elmhurst)	H.	6	12	322	145	81	59		246	361	607
Niagara Falls H. S.	H.	4	21	281	174	114	47	13	275	354	629
Nichols H. S.	H.	1	1	8	2	5	3	5	9	14	23
Norfolk U. S.	J.	1	1	8					4	4	8
Normal College of the City of New York, H. S. dep't.	H.	5	91	796	826	828	343		2	495	2 495
North H. S. (Syracuse)	H.	3	14	270	114	69	42	15	238	272	510
North Bangor U. S.	M.			3	5				4	4	8
North Brookfield U. S.	M.	1		12					9	3	12
N. Cohocton & Atlanta U. H. S. (N. Cohocton)	H.	1	2	11	11	10	4		17	19	36
North Collins H. S.	H.	1	13	15	7	1	2	2	13	14	27
North Lawrence U. S.	S.		13	5	5	6	4		6	14	20
North Tarrytown H. S.	H.		31	27	12	5	2		22	24	46
North Tonawanda H. S.	H.	4	8	92	31	44	21	38	103	123	226
Northree H. S.	H.	1	1	15	6	3	3	4	16	15	31
Northport H. S.	H.	1	3	24	16	10	10		22	38	60
Northside H. S. (Corning)	H.	13	44	58	43	28	20	2	58	93	151
Northville U. S.	S.	1	1	13	8	5			7	19	26
Norwich H. S.	H.	1	84	105	55	63	19	4	102	144	246
Norwood H. S.	H.	1	24	20	17	17	8		32	30	62
Nunda H. S.	H.	1	3	11	13	17	11	1	29	24	53
Nynck H. S.	H.	13	54	68	33	16	8	1	48	78	126
Oakfield H. S.	H.	1	2	16	16	9	9	1	24	27	51
Oakside H. S. (Peekskill)	H.		64	37	25	13	9		34	50	84
Ocean Side U. S.	S.		13	12	7	1	1		9	12	21
Ogdensburg F. A.	H.	6	4	92	73	32	22	10	104	125	229
Olean H. S.	H.	6	10	131	128	74	57	9	164	235	399
Oneida H. S.	H.	2	7	102	70	35	20		105	122	227
Onondaga H. S.	H.	1	8	97	49	20	22	3	64	137	191
Onondaga F. A. (Onondaga Valley)	H.	1	31	53	26	9	4		27	65	92
Ontario H. S.	H.	1	2	15	21	8	4	3	15	36	51
Orchard Park H. S.	H.	1	13	20	7	6	6		21	18	39
Orient U. S.	J.		4	5					4	1	5
Oriskany U. S.	S.	1	1	17	7	7			5	22	27
Oriskany Falls U. S.	S.	1	1	9	8	3			13	11	24
Oswego H. S.	H.	3	3	36	39	13	12	10	56	64	110

H.—high school; S.—senior; M.—middle and J.—junior.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS						ENTERING HIGHER INSTITUTIONS				LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			Colleges	Normal schools and normal colleges	Professional and technical schools	Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year	
Boys	Girls	Total	Boys	Girls	Total									
259	325	584	28	52	80	23	6	13	1 265		\$3 504	\$250	\$45 670 50	
8	15	23							304		465	17	1 624 60	
48	54	102	9	4	13	2	2		525	7	1 100	16	6 722 03	
17	20	43	5	8	13		2		178		550	15	2 887 77	
16	34	50	1	10	11	10			650		1 365	66	2 952 02	
27	34	61	3	7	10				1 263	87	833	27	3 760 40	
124	124	248	13	18	31	10	5		835	25	3 297	325	27 419 94	
2	4	6							178		230		938 76	
2	1	3							1 097		150	26	1 456 86	
4	3	7							855	86	302		1 731 95	
39	51	90	7	8	15	4	1	1	1 086	45	500	48	7 970 29	
20	15	35	2	1	3	3			2 162		2 825		3 845 58	
165	177	342	17	22	39	8	7	2	1 385		3 400	80	26 950 50	
10	13	23							525	10	365	35	1 831 95	
9	24	33							1 233	5	500	11	1 814 72	
163	252	415	16	23	39	8		21	1 575	110	3 370	194	48 014 ..	
226	298	514	20	27	47	9	8	2	970	21	6 200	600	35 174 76	
6	10	16							600	2	600	59	1 645 18	
2		5							109		109		1 701 92	
	1 096	1 096		117	117	117			3 686	419	1 833	500	165 115 ..	
187	217	404	10	32	42		1	1	645	645	3 000	1 500	26 158 92	
3	3	6							494	31	140		736 86	
6	2	8							591		385		827 56	
14	17	31	1		1				912	12	855		2 441 89	
11	12	23		2	2		1	1	740	30	500	25	3 085 89	
6	12	18	1	3	4				440	226	234	74	3 560 17	
16	21	37	2		2			2	1 294		600	146	4 920 30	
96	101	197	10	9	19	4			1 272	110	3 800	663	25 277 42	
13	11	24	2	1	3	1		2	293		654	27	1 454 20	
17	31	48	1	9	10	2			1 562	291	440		4 402 13	
42	77	119	8	12	20	3		3	617		1 500	138	7 022 82	
7	15	22							850	50	475	18	1 871 12	
81	114	195	6	15	21	5	2	2	7 667	698	1 300	206	12 220 09	
28	26	54	3	4	7	2			631	122	650	14	4 828 64	
22	21	43	2	7	9	1		3	1 050	27	500	109	3 198 01	
41	68	109	3	8	11	1			1 842	10	2 500		10 469 47	
18	21	39	4	5	9	2			790	20	515	32	2 192 87	
22	47	79	4	4	8			4	510		800	264	8 753 ..	
7	10	17		1	1				509	8	500	266	2 793 61	
87	108	195	6	15	21	2	1	5	1 570		2 009		9 006 88	
137	195	332	20	32	52	10	3	9	1 693	823	3 200	249	18 946 44	
24	104	128	7	5	12	9		4	6 655	241	1 650	203	14 016 96	
51	108	159	8	15	23		4	1	1 752	7	1 827	244	28 822 20	
18	48	66	2	2	4	2	1	1	1 343	20	850		5 367 51	
11	27	38	1	3	4	2		2	640	20	420		3 482 93	
15	14	29		3	3				790	20	550		2 373 73	
4	1	5							517		38	21	1 428 88	
4	18	22							810	22	325	84	2 120 19	
10	10	20							550		386		1 420 27	
44	43	87	4	7	11				590		1 193	707	31 370 58	

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION								
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration	
Owegaatche U. S.	J.	3	4	5	12					6	11	17
Owego H. S.	H.	1	12	174	127	93	130			211	313	524
Otego H. S.	H.	1	12	13	7	7	1			7	21	28
Ovid H. S.	H.	1	3	20	28	10	13	8		24	64	98
Owego F. A.	H.	2	5	68	34	28	21	1		82	68	150
Oxford A. & U. S.	H.	1	3	21	25	8	16			24	40	64
Oyster Bay H. S.	H.	1	4	27	26	5	9			30	37	67
Painted Post H. S.	H.	1	12	10	6	7	3			15	11	26
Palatine Bridge U. S.	S.	1	1	4	3	2	4	1		2	12	14
Palmira Classical H. S.	H.	1	4	35	27	16	11	2		24	57	91
Panama U. S.	S.	1	12	14	3	2	3	1		11	12	23
Parish H. S.	H.	1	1	18	9	11	10			15	33	48
Parishville U. S.	S.	1	1	15	6	5				11	15	26
Parker H. S. (Clarence)	H.	1	2	27	13	7	6	2		26	29	55
Patchogue H. S.	H.	1	6	74	87	19	20	3		64	89	153
Patterson U. S.	S.	1		3	7					6	4	10
Pavilion U. S.	S.	1	1	5	5	3	2			9	15	24
Pawling H. S.	H.	1	12	7	9	2	4			9	14	23
Pearl River H. S.	H.	1	2	6	8	1	1			5	11	16
Penfield U. S.	S.	1	1	12	7	10	1			13	17	30
Penn Yan A.	H.	2	6	78	75	46	27	60		98	188	286
Perry H. S.	H.	2	3	45	34	24	20	2		52	73	125
Puru U. S.	J.	1		9	18					13	9	22
Peterboro U. S.	M.	1	1	6	3					3	7	10
Phelps U. & Classical S.	H.	2	2	27	24	15	6	4		37	42	79
Philadelphia H. S.	H.	1	2	24	11	9	7			24	27	51
Philmont U. S.	M.	1	1	18	12					15	15	30
Phoenix H. S.	H.	1	3	25	29	15	7	2		26	58	78
Pierson H. S. (Sag Harbor)	H.	1	4	33	13	13	7	3		26	41	69
Pike Seminary U. S.	S.	1	1	8	9	7	2			10	16	26
Pittsford H. S.	H.	1	2	18	18	6	13	2		29	28	57
Plainville U. S.	J.	1	1	5	4					2	7	9
Plattsburg H. S.	H.	2	7	65	53	42	17	4		98	88	181
Pleasantville H. S.	H.	1	2	15	7	2	4			12	16	28
Pocantico Hills	J.	1		5						4	1	5
Poland H. S.	H.	1	1	7	8	4	11			10	20	30
Pompey U. S.	H.	1	1	12	1					5	8	13
Port Byron H. S.	S.	1	2	27	14	10	7	4		27	35	62
Port Chester H. S.	H.	2	6	85	44	30	22	3		87	97	184
Port Henry H. S.	H.	1	1	14	12	6	8	9		19	36	49
Port Jefferson H. S.	H.	1	2	25	23	16	8	2		31	42	73
Port Jervis H. S.	H.	2	7	172	57	31	23	2		131	155	286
Port Leyden H. S.	H.	1	1	7	2	7	6	2		9	15	24
Port Washington U. S.	J.	1	3	16	9	4				13	16	29
Portville H. S.	H.	1	2	22	16	7	5	2		18	34	52
Potsdam H. S.	H.	1	2	24	13	3	5			24	21	45
Poughkeepsie H. S.	H.	7	11	250	196	96	65			223	264	537
Pulaski A. & U. S.	H.	1	3	38	32	22	9	4		43	62	105
Randolph H. S.	H.	1	1	18	7	5	3			9	23	31
Ravens H. S.	H.	1	2	21	18	10	9			29	29	58

H.—high school; S.—senior; M.—middle and J.—junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year		Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
4	8	12							350	16	\$301	\$87	\$1 331 04
147	248	395	20	25	45	3	26	1	667	22	1 800		13 926 90
6	18	24			1				471	1	390	94	2 213 29
35	48	83	6	7	13	4			800		700	53	4 953 56
65	56	121	7	9	16	7	1	3	844	13	1 000	388	7 731 91
18	33	51	3	6	9	2	3	2	480		492		4 440 91
25	28	53	2	3	5	1	1	1	750	85	500	28	5 570 27
2	9	19			2				725	125	750	26	2 384 24
10	9	11			4				987	26	124	18	1 937 75
26	51	77	3	4	11	4	6	8	2 200		800		9 245 46
6	10	16			3				497	37	1 000		1 434 19
12	27	39	2	8	10	1		2	1 008	30	430	50	1 606 42
9	11	20			2			3	458		344		1 425 99
20	25	45	3	3	6			2	1 396	41	1 750		3 406 88
53	68	121	12	7	19		3	4	1 000		500	115	14 664 24
5	8	8							604	17	250	10	3 245 45
7	13	13			3				500	50	225		1 317 02
4	12	19					3		796	48	400	52	2 979 91
7	13	13			1				375	30	236	9	3 553 93
11	16	26			1			5	413	40	400	41	3 303 93
71	130	210	10	17	27	5		2	350		1 150	75	12 855 56
40	61	101	7	11	18	1		4	1 000		1 100	91	8 041 43
8	7	15							200	15	100	44	1 260 50
31	37	68	1	6	7	4		1	1 407	80	437		1 277 43
31	20	51	4	1	5		1	2	835	173	825	78	3 924 57
11	11	22							641	43	331	2	2 747 43
22	44	66							525	50	175	75	2 294 93
23	33	56	2	4	6	2			993	18	2 000	7	3 323 03
8	13	21			1			2	1 240	33	1 000		7 585 13
21	19	40	5	7	12	3		1	430		204	5	1 664 50
2	6	8							530	1	466	146	2 982 89
77	75	152	6	11	17	5	6		227	10	113	26	698 ..
8	14	22			4			3	2 167		2 030	47	10 206 29
3	1	4			1				829	22	500		6 134 42
8	18	26	4	7	11		1		56	16	150	113	1 400 67
2	7	9						1	434	51	240		1 978 35
21	29	50	3	5	8		1		285	18	280		1 063 72
68	74	142	6	4	11	3	2	2	450	50	632		3 392 35
16	25	41	2	6	8	5	2	2	541	25	2 214	209	19 745 15
22	34	56	4	4	8		2	1	297		600		3 038 16
98	130	218	9	14	23	1	1	3	461	21	184		4 243 69
5	11	16							587	21	1 850	29	9 771 34
10	11	21						2	900	10	328	2	1 623 26
12	26	38	1	4	5			1	346	30	680	159	7 074 89
22	19	41	1	4	5		1		664	49	890		3 651 14
201	262	463	19	31	50	15	3	5	545	25	324		2 780 ..
32	44	76	6	5	11	1	2	3	1 434		2 000		25 252 12
7	18	25			2				2 382		631	328	5 827 13
21	23	44	3	4	7		2		510	43	280		4 328 48
									575	100	300		4 488 ..

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	e	Grade of school	TEACHERS		REGISTRATION							Total registration
			Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	
Red Creek H. S.	H.	1	13	22	8	4	4	.....	20	18	38
Red Hook H. S.	H.	1	1	15	12	2	4	.....	15	18	33
Redwood U. S.	H.	1	1	10	5	4	6	.....	4	21	25
Remsen H. S.	H.	1	1	6	11	8	2	.....	10	17	27
Rensselaer H. S.	H.	1	7	62	42	38	24	.....	69	97	166
Rensselaer Falls U. S.	S.	1	1	5	6	7	3	2	10	13	23	
Rhinebeck H. S.	H.	1	2	17	17	13	3	.....	17	33	50
Richburg U. S.	S.	1	1	6	7	2	3	.....	6	12	18
Richfield Springs H. S.	H.	1	34	48	23	21	12	1	52	53	105	
Richmond Hill H. S.	H.	12	14	461	163	86	49	.....	269	470	759
Richmondville U. S.	S.	1	1	8	8	4	3	.....	11	12	23
Richville U. S.	J.	1	1	11	7	.....	.....	.....	7	11	18
Ripley H. S.	H.	1	2	19	5	9	3	.....	15	21	36
Riverhead H. S.	H.	1	4	32	28	15	13	5	54	49	103	
Rochester H. S.	H.	18	44	515	397	322	236	21	798	779	1 577	
Rome F. A.	H.	2	8	142	68	43	50	.....	142	161	303
Roseco U. S.	M.	1	1	13	5	4	.....	.....	11	11	22
Roslyn H. S.	H.	1	2	18	6	3	4	.....	11	20	31
Rotterdam U. S.	J.	1	1	13	.....	.....	.....	.....	4	9	13
Round Lake U. S.	S.	1	1	6	4	6	.....	.....	6	10	16
Rouse's Point H. S.	H.	1	1	15	8	4	1	.....	15	12	28
Rowena Memorial S. (Palenville)	M.	1	1	7	5	.....	.....	.....	5	7	12
Roxbury H. S.	H.	1	14	14	4	6	5	2	14	17	31	
Rushford H. S.	H.	1	2	18	12	9	7	5	23	29	52	
Rushville H. S.	H.	1	1	12	3	3	2	.....	9	11	20
Russell U. S.	J.	1	.....	16	4	.....	2	.....	5	17	22
Rye U. S.	S.	1	13	27	5	9	5	1	17	30	47	
Rye Neck H. S. (Mamaroneck)	H.	1	24	10	7	7	10	.....	8	28	34
S. S. Seward Inst. (Florida)	H.	1	13	9	14	3	5	.....	14	17	31
Sacket H. S.	H.	1	1	8	6	5	10	1	11	19	30	
St Johnsville H. S.	H.	1	31	40	18	10	3	5	31	45	76	
St Regis Falls H. S.	H.	2	11	22	12	6	1	2	22	21	43	
Salamanca H. S.	H.	2	54	66	51	28	25	7	82	95	177	
Sandy Creek H. S.	H.	1	3	26	9	6	6	1	24	24	48	
Sandy Hill H. S.	H.	1	41	71	33	25	17	2	53	95	148	
Sarasoa Lake H. S.	H.	24	5	69	35	16	26	5	55	96	151	
Saratoga Springs H. S.	H.	2	8	120	84	88	62	12	187	179	366	
Sardinia U. S.	S.	1	6	6	6	6	1	1	7	13	20	
Saugerties H. S.	H.	1	41	30	22	12	14	.....	26	52	78
Sauquoit U. S.	S.	1	1	12	9	3	3	.....	17	10	27
Savannah H. S.	H.	1	21	21	23	10	4	3	21	40	61	
Savona H. S.	H.	1	13	11	13	6	10	.....	14	26	40
Sayville H. S.	H.	1	2	22	20	17	4	.....	23	40	63
Schaghticoke H. S.	H.	1	13	7	4	7	.....	.....	3	15	18
Schenectady H. S.	H.	10	21	335	185	127	107	10	367	397	764	
Schenevus H. S.	H.	1	2	13	15	7	2	4	9	23	41	
Schoharie H. S.	H.	1	14	4	6	6	6	.....	9	13	22
Schroon Lake U. S.	S.	1	1	14	4	2	2	.....	4	18	22
Schuyler's Lake U. S.	S.	1	1	8	3	3	.....	3	6	11	17
Schuyerville H. S.	H.	1	2	18	4	11	3	1	15	23	37	

e H.=high school; S.=senior; M.=middle and J.=junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS							LIBRARY			APPARATUS		EXPENDITURES	
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
12	12	24	2	2	2	2	2	2	620	15	\$500	\$83	\$2 528 10
11	14	25	1	4	4	4	1	1	428	40	400	140	2 547 29
2	16	19	1	1	2	4	1	1	541	16	258	.....	1 681 24
5	15	23	1	1	2	2	.....	.....	620	36	328	.....	1 677 16
59	84	143	10	7	17	3	.....	.....	859	46	1 270	52	9 213 89
8	10	18	1	1	2	.....	.....	.....	412	10	200	.....	1 605 31
12	27	39	1	2	3	.....	.....	.....	353	22	705	64	3 967 43
5	9	14	2	1	3	.....	.....	.....	809	42	600	34	1 507 29
37	42	79	6	5	11	3	1	5	1 302	25	1 274	211	4 984 07
185	315	500	8	23	31	13	.....	12	1 451	21	6 463	280	56 034 15
9	11	20	1	1	2	.....	.....	.....	400	25	285	.....	1 679 40
6	10	16	.....	.....	.....	.....	.....	.....	365	.....	350	47	1 301 33
12	19	31	1	2	3	.....	.....	.....	415	.....	677	25	2 617 58
44	43	87	9	4	13	1	.....	.....	578	29	800	.....	5 500 41
629	619	1 248	72	99	171	60	4	40	7 116	46	30 000	1 073	114 892 48
122	138	260	13	19	32	6	4	.....	490	84	3 300	248	12 664 33
9	8	17	.....	.....	.....	.....	.....	.....	374	80	210	63	2 682 04
10	18	28	3	1	4	1	1	.....	665	105	650	120	2 512 24
4	8	12	.....	.....	.....	.....	.....	.....	201	169	109	109	1 130 22
3	7	10	.....	.....	.....	.....	.....	.....	343	.....	480	.....	1 638 88
11	9	20	.....	1	1	.....	.....	.....	1 561	3	542	.....	2 072 61
4	6	10	.....	.....	.....	.....	.....	.....	1 666	157	200	.....	2 138 59
11	15	26	1	4	5	.....	.....	.....	205	.....	432	111	2 453 79
17	22	39	4	3	7	.....	.....	.....	659	.....	400	20	2 083 80
6	9	15	1	1	2	.....	.....	.....	540	320	416	19	1 592 04
2	12	14	.....	2	2	.....	.....	.....	.....	.....	117	12	831 75
13	21	34	3	2	5	1	1	2	637	.....	1 520	.....	5 312 07
7	24	31	3	7	10	.....	.....	.....	756	25	550	122	5 667 85
10	14	24	.....	5	5	1	.....	.....	411	4	400	25	3 366 05
10	18	28	5	5	10	1	1	1	300	50	375	.....	2 141 88
23	22	55	3	3	6	4	.....	.....	1 100	169	350	41	4 569 60
15	15	30	1	.....	1	.....	.....	.....	845	19	563	.....	2 712 35
66	79	145	6	14	20	4	.....	.....	1 935	150	1 600	191	13 794 95
12	21	33	4	2	6	2	.....	.....	765	.....	600	.....	3 700 06
37	69	106	2	13	15	6	1	1	3 322	317	1 250	41	7 679 66
43	89	132	8	17	25	1	.....	.....	1 550	20	1 000	443	8 990 09
159	130	289	26	36	62	3	6	.....	2 850	75	3 115	315	16 926 10
4	10	14	.....	1	1	.....	.....	.....	300	20	250	21	998 09
21	42	63	2	2	4	3	.....	.....	3 587	336	900	129	5 141 87
10	8	18	.....	.....	.....	1	.....	.....	396	32	196	2	2 096 42
18	31	49	2	2	4	.....	.....	.....	758	42	356	.....	4 395 23
10	22	32	2	5	7	1	2	2	600	1	517	28	2 057 07
19	36	55	3	1	4	1	2	1	459	48	590	44	3 125 31
3	12	15	.....	.....	.....	.....	.....	.....	654	31	260	42	2 151 48
305	345	650	46	65	111	39	4	14	3 202	503	6 715	1 250	45 510 ..
6	24	30	.....	2	2	1	3	2	1 150	.....	700	.....	2 139 81
8	12	20	5	.....	5	1	.....	.....	1 040	.....	525	.....	3 168 89
3	11	14	.....	2	2	.....	.....	.....	410	20	200	67	1 894 44
4	9	13	1	1	2	.....	.....	.....	432	20	205	.....	1 135 ..
13	17	30	1	2	3	2	.....	.....	1 113	4	700	.....	3 072 01

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	e	Grade of school	TEACHERS		REGISTRATION							Total registration
			Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	
Solo U. S.	J.	1	1	8	4					7	5	12
Scotia U. S.	S.	1	3	38	14	9				30	31	61
Scottsville H. S.	H.	1	2	7	7	5	6	1		8	18	26
Seaside H. S.	H.	1	2	12	4	3	2			7	14	21
Seymour Smith A. (Pine Plains)	H.	1	1	12	14	8	1			13	22	35
Sharon Springs H. S.	H.	1	2	5	5	3	6			7	12	19
Shelter Island U. S.	S.	1	1	8	3	1	1			4	9	13
Sherburne H. S.	H.	1	2	42	15	5	12	1		21	54	75
Sherman H. S.	H.	1	2	22	7	14	8	4		20	35	55
Shortville H. S.	H.	1	1	13	7	3				9	14	23
Sidney H. S.	H.	1	4	25	26	19	8	1		35	44	79
Silver Creek H. S.	H.	1	6	31	26	19	13	8		31	66	97
Silver Springs H. S.	H.	1	1	19	10	5	3	3		14	26	40
Sticksville H. S.	H.	1	1	10	12	9	2	2		15	20	35
Stonestales H. S.	H.	2	2	35	23	14	19			41	60	91
Sloan U. S.	J.	1	1	7						4	3	7
Smithville U. S. (Smithville Flat)	J.	1	1	5	4					4	5	9
Snayna U. S.	S.	1	1	3	4	5	2			4	10	14
Sodus H. S.	H.	2	2	30	18	25	14	1		33	55	88
Solvay H. S.	H.	1	7	42	26	20	17			46	57	105
South Byron U. S.	M.	1	1	5						2	3	5
South Dayton U. S.	S.	1	1	10	6	5	10	4		13	22	35
South Glens Falls H. S.	H.	2	2	16	23	12	12			24	39	63
South New Berlin U. S.	M.	1	1	7	5	11				5	18	23
South Otsego U. S.	S.	1	1	8	11		6			12	12	24
South Side H. S. (Rockville Center)	H.	1	4	48	25	8	13			24	60	94
Southampton H. S.	H.	3	1	47	18	15	5	6		43	51	94
Southold H. S.	H.	1	2	10	11	6	3	2		12	20	32
Spencer H. S.	H.	2	2	13	18	8	8	1		18	30	48
Spencerport H. S.	H.	1	2	26	20	16	8	4		20	54	74
Spring Valley H. S.	H.	1	2	36	22	13	10			28	43	81
Springfield Center U. S.	S.	1	1	10	8	10				10	18	28
Springwater U. S.	J.	1	1	3	2					3	2	5
Stonaburg U. S.	J.	1	1	8	3					6	5	11
Stamford Sem. & U. S.	H.	2	2	25	19	10	8	8		28	42	70
Stillwater H. S.	H.	1	1	9	12	8	4			17	16	33
Stockton U. S.	M.	1	1	14	7	2				9	14	23
Stony Point H. S.	H.	1	2	16	7	4	3			9	21	30
Stonybrook U. S.	M.	1	1	1	5					1	7	8
Stuyvesant H. S. (New York)	H.	30	1	390	381	148	81	8	2	008		2 008
Suffern H. S.	H.	1	4	28	23	15	3	5		48	36	84
Syracuse H. S.	H.	10	48	634	428	231	201	76		737	888	1 625
Syracuse Technical H. S.	H.	5	8	212	88	56	23	3		167	193	362
Tappan Zee H. S. (Piermont)	H.	1	2	9	13	4	9			18	17	35
Technical H. S. of Buffalo	H.	5	12	114	188	134	11			447		447
Ten Broeck F. A. (Franklinville)	H.	1	3	32	17	13	11	3		34	42	76
Theresa H. S.	H.	1	1	21	19	4	2			21	25	46
Three Mile Bay U. S.	S.	1	1	7	4	1				9	8	17
Tianderoga H. S.	H.	2	2	37	38	19	12	4		45	65	110
Tioga Center U. S.	J.	1	1	6	1					3	5	7

e H.—high school; S.—senior; M.—middle and J.—junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS							LIBRARY		APPARATUS		EXPENDITURES		
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
5	4	9							100	65	\$155	\$128	\$2 678 03
23	22	45							520	83	525		5 105 93
6	14	20							802	60	475	28	2 819 54
5	9	14	1		1	1	1		625	25	895	55	2 545 61
11	18	29	1		1				560	10	306	11	2 638 45
5	11	16		6	6			2	980		471	41	1 880 50
8	7	10	1		1				413	35	233	5	1 792
15	48	63	1	11	12				1 065	11	355		3 088 53
15	32	47	2	4	6	3		1	630		334	32	3 165 11
6	11	17							587		391		2 067 96
28	35	63	3	5	8	5		2	3 352	25	919	97	5 557 57
34	55	79	4	9	13	6		2	2 740	280	1 859	20	6 999 79
11	18	29	1	2	3				700	26	470	138	2 098 28
13	17	30		2	2				340	15	400		2 245 03
32	41	73	6	8	14	3		2	1 568	34	500	14	4 032 90
3	2	6							315		300		3 121 84
3	4	7							316	46	208	22	812 01
2	7	9					1		309	1	249		1 536 61
34	49	73	2	10	12	4		3	615	15	755	45	4 095 65
37	43	80	7	10	17	4		1	400	50	2 600	20	10 360 46
1	2	4							591	20	100	10	964 13
11	18	29	5	5	10				541	77	364	28	1 659 70
14	20	34					1		1 013	3	750		4 883
5	15	20							661	5	140	46	1 880 43
6	11	17	1	4	5				715	19	280	13	1 210 78
23	50	73	3	10	13	1	2	2	190		900	93	7 285 48
26	42	77	4	4	8	5	1	1	1 288	25	500	33	5 892 70
11	17	28	2	1	3	4			663	22	445		2 445 53
14	19	33	3	5	8			3	731	31	650		2 299 01
17	45	62	1	6	7	1		2	360	20	710	130	3 284 78
31	35	66	4	5	9		1	1	650	65	475	75	4 810 21
8	11	19							592	2	341	70	1 833 64
1		1							200		70		703 34
5	4	9							450	7	100		1 038 39
20	24	54	2	5	7	2	1	1	2 782		600	49	3 900 80
13	15	28	1	3	4	2	2	2	1 647	10	300	9	2 253 55
6	10	16							458	8	205	12	1 719 73
7	14	21	2	1	3				781	81	580		3 232 96
1	4	5						1	710	38	203		1 409 03
1 245		1 245	61		61	36		3	706		26 990	610	156 035 74
34	27	61	1	2	3	3			500	5	450	57	5 497 65
565	690	1 255	54	80	134	78	3	15	5 935	183	16 500	500	68 594 18
122	133	260	2	9	11			2	492	69	2 700	500	17 490 44
17	15	32	3	6	9				1 000		300		4 770 95
841		841	11		11	5		2	595	26	26 492	1 986	25 354 44
34	34	58	4	3	7		1	2	348		700		5 393 57
17	22	39	1	1	2				452	4	522	16	2 006 76
8	3	11					3		306		344	7	1 032 04
29	52	81	1	7	8	2	3	1	747		360	75	10 490 17
21	4	6							300		50		445 78

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							Total registration
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	
Srvoil U. S.	M.	1	1	9	4	4			6	11	17
Tompkins Cove U. S.	M.	1	1	7	4	4			5	9	14
Tonawanda H. S.	H.	2	8	102	74	25	29	7	100	137	237
Troupsburg U. S.	S.	1	1	15	2	1			11	7	18
Troy H. S.	H.	8	19	207	144	109	65	5	251	279	530
Trumansburg H. S.	H.	1	2	22	16	11	12	5	33	33	66
Truxton U. S.	S.	1	1	9	14				8	15	23
Tully H. S.	H.	1	1	18	21	11	6		21	35	56
Tupper Lake H. S.	H.	1	1	10	12	9	9	1	21	26	41
Turin U. S.	S.	1	1	10	9	8			9	18	27
Turner U. S.	J.	1		11	6	2			13	6	19
Tuxedo U. S. (Tuxedo Park)	H.	2	2	6	8	2	4		6	14	20
Ulster F. A. (Roundout)	H.	2	6	118	29	26	9		98	84	182
Unadilla H. S.	H.	1	1	16	32	18	18	6	51	59	90
Unadilla Forks U. S.	J.	1		4	7				3	6	11
Union Endicott H. S.	H.	1	1	22	16	13	4		26	29	55
Union Springs H. S.	H.	1	1	17	11	5		1	13	27	40
Utica F. A.	H.	12	15	360	150	147	85	21	360	403	763
Valatie H. S.	H.	1	1	9	6	2			12	10	22
Valley Falls H. S.	H.	1	1	7	7	3	4		4	17	21
Van Etten U. S.	S.	1	1	8	4	3	6		9	12	21
Vernon H. S.	H.	1	1	17	19	17	10	2	26	39	65
Verona U. S.	S.	1	1	9	6	6			11	16	27
Victor H. S.	H.	1	1	26	25	22	12		33	52	85
Waddington U. S.	S.	1	1	13	9	9			13	24	37
Wadleigh H. S. (New York)	H.	7	109	1 781	637	407	362		3 187	3 187	
Walden H. S.	H.	1	3	29	15	11	8	2	26	39	65
Walkill U. S.	J.	1	1	11					6	5	11
Walton H. S.	H.	1	7	59	47	30	20	29	80	105	185
Walworth U. S.	S.	1	1	10	3	6			7	12	19
Wappingers Falls U. S.	J.	1	1	14	8				9	13	22
Warner H. S.	H.	1	1	21	9	6	3		14	25	39
Warrensburg H. S.	H.	1	2	20	25	11	8	1	32	33	65
Warsaw H. S.	H.	2	1	77	42	20	18	8	74	91	165
Warwick Inst.	H.	1	3	35	23	9	6	1	37	39	76
Washington A. (Salem)	H.	1	3	20	21	15	12		17	51	68
Washington Irving H. S. (New York)	H.	15	78	2 077	1 047	743	205		4 072	4 072	
Washington Irving H. S. (Tarrytown)	H.	2	4	37	38	22	20		44	73	117
Washingtonville U. S.	M.	1	1	15	11	7			15	18	33
Waterford H. S.	H.	1	3	56	22	15	7		49	51	100
Waterloo H. S.	H.	2	4	37	29	30	24	1	52	69	121
Waterport U. S.	S.	1	1	7	3	2	3		9	6	15
Watertown H. S.	H.	4	17	163	183	168	84	33	274	357	631
Waterville H. S.	H.	1	3	19	23	16	8	8	23	51	74
Watervliet H. S.	H.	2	6	84	66	26	18	6	74	126	200
Watkins H. S.	H.	1	3	29	19	19	16	3	39	57	96
Waverly H. S.	H.	1	1	31	43	25	11	28	55	125	178
Waverly H. S. of Tuckahoe	H.	1	3	74	10	9	4		24	33	57
Wayland H. S.	H.	1	3	22	41	6	11	6	41	51	92
Webster H. S.	H.	1	3	36	40	8	16	3	45	53	103

a H.=high school; S.=senior; M.=middle and J.=junior school.

(continued)

each academic department

OF PUBLIC SCHOOLS

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year		Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
3	9	12							205	5	\$340	\$51	\$1 548 32
2	4	6		2	2			2	200	4	265	38	1 041 36
96	118	204	7	22	29	6	1	1	5 161	182	800	78	13 258 83
7	5	12							271	4	325		1 196 ..
218	230	457	26	33	59	8	4	12	1 719	139	5 000	185	56 857 36
26	25	51						5	1 125	195	511	61	3 349 25
5	11	16						1	175		260		1 893 84
14	23	37	3	2	5	1		3	1 000		650		2 948 36
14	15	29	5	4	9			1	1 520		1 300	83	4 710 45
7	13	20							492	20	408		1 332 76
8	4	12							527	55	290		2 406 01
4	11	15	2	2	4			1	421	100	495	96	6 699 76
77	70	147	5	4	9				982	102	1 935	234	8 473 52
26	50	76	6	11	17	3		4	2 403	108	1 288		6 207 25
3	4	7							300		75	14	560 21
19	22	41							995	5	700		8 228 45
11	22	33	3	3	6				729	104	1 400		2 763 68
302	352	654	32	53	85	20	10	2	4 864	15	2 500	346	91 226 30
10	9	19	1	1	2	1		3	1 123	50	500		2 560 24
4	14	18		3	3				742	29	369	34	2 225 17
7	7	14	3	1	4				1 133	39	610		1 269 96
20	33	53	5	4	9	4		2	808	37	650	18	2 121 95
6	12	18	2	1	3			1	326	11	352	71	1 667 16
28	48	76	2	10	12	3		2	926	6	627	1	3 170 82
9	22	31		6	6			2	415	15	300		2 005 66
2 213	2 213	2 213	267	267	40	30	194	4 371	85	7 000	1 317	236 453 84	
19	34	53	2	6	8	2	1	1	795	4	666	57	6 574 97
2	2	4							165	30	90	143	1 478 33
68	87	155	9	13	22	4		7	2 527		1 200	256	9 642 79
5	9	14							554	54	285	3	1 308 86
7	9	16						5	200	14	325		2 204 25
11	19	30	1	2	3			2	1 000	19	500		2 623 55
24	25	49	3	2	5	3			794		650		3 261 61
61	74	135	8	10	18	7	1	3	770	20	2 000		5 871 98
34	34	68	1	7	8	2		2	1 675		970		5 541 88
14	42	56	4	8	12			1	262	3	150		3 902 95
2 027	2 027	2 027	260	260	6	8	88	2 377	639	4 325	99	225 067 91	
34	64	98	3	14	17	6		2	2 159	20	2 400	300	12 441 67
10	16	26						1	300		382		1 355 95
37	39	76	2	5	7	1		1	533	120	775		5 501 10
47	61	108	7	6	13	4		6	593	2	2 459		8 524 90
7	4	11						1	200		400	15	1 395 ..
214	284	498	28	30	58	15	2	11	8 532	100	5 300	160	21 692 77
16	40	56	3	5	8	1		2	486		546	29	4 663 79
60	111	171	5	13	18	2	1	6	1 258	36	1 700	52	9 097 25
30	45	75	4	9	13	4		1	317		900	210	6 672 22
44	97	141	7	11	18	4	2	3	3 372	30	1 100	131	6 314 14
20	26	46	1	2	3	1		5	910		480	75	14 442 51
26	36	62	5	6	11			1	616		550	86	4 623 17
37	48	85	5	11	16	3	1	3	880	40	670	71	3 965 73

TABLE 13
Important statistics for
ACADEMIC DEPARTMENTS

	Grade of school	TEACHERS		REGISTRATION							
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration
Woodsport H. S.	H.	1	2½	16	24	18	12	8	20	49	78
Wells U. S.	J.	1	1	7					3	4	12
Wellburg U. S.	J.	1	1	12					5	7	17
Wellville H. S.	H.	5	5	82	48	20	16	8	72	111	184
West H. S. (Rochester)	H.	16	29	392	257	264	262	12	565	632	1 187
West Carthage H. S.	H.	1	3	31	14	11	9		25	40	65
West Eaton U. S.	J.	1	1	4	3				3	4	7
West Hampton Beach H. S.	H.	1	1	11	6	3	5		15	10	25
West Hoborn U. S.	S.	1	2	30	6	19			22	33	55
West Seneca H. S. (Lackawanna)	H.	1	4	83	19	8	6	1	33	39	72
West Valley U. S.	S.	1	1	17	8	2	4		12	19	31
West Winfield H. S.	H.	1	1½	29	22	13	7		25	46	71
Westbury U. S. (Westbury Station)	J.	1	1	11	4				8	7	15
Westfield A. & U. S.	H.	4	3½	137	46	24	27	5	98	141	239
Westmoreland U. S.	S.	1	1	12	9	7	1		9	20	29
Westport H. S.	H.	1	2	15	8	10	3	1	15	22	37
White Plains H. S.	H.	5	9	130	75	45	29	26	184	174	268
Whiteshall H. S.	H.	1	3	53	14	11	3	2	31	52	83
Whitesboro H. S.	H.	1	2½	13	8	3	4		11	17	28
Whitesville U. S.	S.	1	1	15	5				10	10	20
Whitney's Point H. S.	H.	1	2	20	6	4	7		14	22	37
Williamson H. S.	H.	1½	1	11	11	2	5		8	21	29
Williamsville H. S.	H.	1	2	23	18	13	6	2	37	25	62
Willsborough H. S.	H.	1	1	8	1	8	4	2	11	7	18
Wilson A. (Angelica)	H.	1	2	31	5	5	9		23	22	50
Wilson H. S.	H.	1	2	29	16	8	10		15	43	63
Windham H. S.	H.	1	1	10	10	7	5		11	21	32
Windsor H. S.	H.	1	2	20	19	14	8	6	37	35	62
Woodhull U. S.	S.	1	1½	6	7	8	2	5	5	30	28
Woodmere U. S.	S.	1	2	4	5	2	2		3	10	13
Worcester H. S.	H.	1	2	7	17	4	8	4	16	24	40
Yates H. S. (Chittenango)	H.	1	2	23	13	5	4	1	24	22	46
Yonkers H. S.	H.	11	23	372	242	179	93	130	463	553	1 016
Yonkstown U. S.	M.	1	1	9	5				8	6	14
N. Y. Inst. for the Blind	S.	1	2	6	5	3	6		12	8	20
N. Y. State School for Blind (Batavia)	H.	1	2	9	6	6	3	2	15	11	26
Total		1 468	2 714	49 025	27 908	17 265	11 335	1 617	46 282	60 898	107 096

a H.=high school; S.=senior; M.=middle and J.=junior school.

(continued)

each academic department
OF PUBLIC SCHOOLS

PUPILS						LIBRARY		APPARATUS		EXPENDITURES			
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library		Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
24	39	63	6	7	13			1	1 138	22	\$950		\$5 150
3	3	6							200		100	\$21	928 99
2	6	8							261	10	47		939 67
61	89	150	5	7	12	6	1	5	1 800		1 500	143	10 501 20
455	497	952	54	72	126	65	8	16	4 722	147	24 000	730	71 295 16
19	27	46	2	7	9				520	107	318	3	5 794 04
2	3	5							366		113	2	577 01
10	7	17	1	3	4	3			199	23	390		2 861 68
21	24	45							308	109	190	40	1 603 91
20	30	50	1	5	6		3		495	95	643	19	9 360 11
7	11	18	3		3				150	8	100	70	2 755 51
20	40	60		7	7	1			726		520	4	3 303 25
7	5	12							503	22	226		2 036 68
76	108	184	6	21	27	7	2	3	2 358	22	2 364	100	10 884 61
7	18	25							508	40	272	10	1 192 73
11	17	28	2	1	3			3	210	30	100		3 666 73
86	131	229	7	16	23	8	2	7	2 024		1 943	542	57 716 04
23	36	59	1	1	2	2	2	3	285	38	750	192	8 539 14
8	13	21	1	3	4				468	45	421	50	2 584 45
6	6	12				1	1	3	69		160		1 550 94
11	17	28	3	4	7	1	1	2	716		400	25	3 060 15
6	13	24	1	4	5	1		1	706	5	609		3 433 50
26	21	47	3	3	6			4	743	2	900		3 019 98
9	5	14	2	1	3				1 309		495		1 800 65
20	16	36	6	3	9	1	3		431	18	550	30	2 534 86
12	42	54	1	9	10			1	2 000		600	30	2 953 82
9	15	24	2	3	5				309		557	6	1 850 10
17	26	43	1	2	3			3	689	36	625		2 700 14
6	14	20		1	1				761		255		2 125 00
2	10	12		2	2			2	240	45	395	18	3 132 47
11	22	33	2	6	8				806	46	799	39	3 227 61
17	18	35	1	3	4		1	1	3 536	118	450	23	2 882 52
405	427	862	36	55	91	27	6		2 030	100	16 463	2 147	75 430 45
7	5	12							250		68		1 095 45
11	8	19							561		230	32	70 239 76
10	4	14		1	1			1	1 224	14	4 590		8 779 45
33 418	44 550	77 974	3 338	5 499	8 837	2 147	648	2 139	735 394	37 740	\$231 970	\$56 305	\$7 060 314 72

TABLE 13
Important statistics for
ACAD

	c Grade of school	TEACHERS		REGISTRATION								Total registration
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls		
A. M. Cheshbrough Sem., N. Chili	A.	2½	2	10	11	3	7		10	21	31	
A. of Mt St Ursula, Bedford Park	A.		3½	5	4	5	7			21	21	
A. of Mt St Vincent, New York	A.		8	23	17	21	20	20		101	101	
A. of Sacred Heart, Syracuse	A.		1½	17	13	3	7		11	29	40	
A. of St Joseph, Brentwood	A.		4	10	7	14	11	1		43	43	
aA. of the Holy Angels, Buffalo	A.											
A. of the Holy Names, Albany	A.		7	31	23	17	14	69		156	156	
A. of the Holy Names of Rome	A.		7	29	17	16	14			76	76	
Adelphi A., Brooklyn	A.	10	7	52	72	61	48		73	160	223	
Albany A.	A.	7		17	38	9	16		80		80	
Albany A. for Girls	A.		7	20	23	20	17	3		83	83	
bAlfred A.	A.											
All Saints A. S. of Manhattan	A.		4	15	8	7	2			32	32	
Augustinian A. of Carthage	A.		2	12	13	16	6		11	36	47	
Augustinian A., Tompkinsville	A.	2		12	7	4	4		27		27	
Berkely Inst. for Young Ladies, Brooklyn	A.	1	6	16	10	14	14	5		59	59	
Brooklyn College, acad. dep't.	A.	7½		116	46	21	17		200		200	
Buffalo A. of Sacred Heart	A.		7	23	19	10	7	1		60	60	
Buffalo Sem.	A.		8½	22	22	36	14	1		95	95	
Canisius College, acad. dep't.	A.	13		131	87	57	27	1	302		302	
Cascadilla S., Ithaca	A.	9½			13	41	26		80		89	
Cathedral A., Albany	A.		4	20	21	11	8		15	45	60	
(The) Cathedral S., New York	A.		5½	93	34	15	20			162	162	
Cayuga Lake A., Aurora	A.	1½			3	4	3		10		10	
Cazenovia Sem.	A.	4	5	10	8	10	11		25	14	39	
Chamberlain Military Inst., Randolph	A.	2½		6	6	3	3		18		19	
Champlain A., Port Henry	A.		3	9	8	7	4	3	6	26	31	
(The) Charlton S., New York	A.		4	8	5	5	3	2		23	23	
Christian Brothers A. of Syracuse	A.	5		34	33	13	8		89		88	
Christian Brothers A., Albany	A.	4		15	11	12	13		51		51	
Clacon Point Military A., Westchester	A.	4		14	8	4	8		34		34	
Colgate A., Hamilton	A.	7		28	21	23	25	16	118		118	
College of St Francis Xavier, Xavier H. S.	A.	14		145	89	59	52	16	361		361	
College of City of New York, acad. dep't.	A.	93		1 702	779	685			3 166		3 166	
Cook A., Montour Falls	A.	4	2	9	30	4	16	18	47	30	77	
De Lancy S., Geneva	A.		2½	3	2	2	1			8	9	
De La Salle Inst., New York	A.	9		17	31	27	22	11	108		108	
De Veaux S., Niagara Falls	A.	2½		6	5	4	3		18		18	
D'Youville A., Plattsburg	A.		4½	17	18	13	8			56	56	
Dickinson-Hurst S., Syracuse	J. A.		2½	8	4	3	6			21	21	
Draw Sem. for Young Women, Carmel	A.		7	17	20	8	4	1		50	50	
Father Leo Memorial School, Croghan	M. A.	½		3	4				2	5	7	
Fem. A. of Sacred Heart, Albany	A.		8	23	15	18	3	6		65	65	
Fem. A. of Sacred Heart, New York	A.	1	7	20	26	24	6	9		85	85	
Fem. A. of Sacred Heart, Rochester	A.		5	10	12	9	8	2		41	41	
Fem. Inst. of Visitation, Brooklyn	A.	6	14	14	8	7	4		47		47	
Fordham Univ., St John's College H. S.	A.	12½		101	81	89	77		348		348	
Port Edward Col. Inst.	A.	1	8	5	8	16	10	12		51	51	
Franklin S. of Buffalo	J. A.	½	4	12	11	5	3			31	31	
Friends A., Locust Valley	A.	1½	2½	8	9	3	2	1	10	13	23	

a No report received. b Data given under Alfred Union School. c A.=academy; S. A.=senior academic; M. A.=middle academic; A.=junior academic. d Included in college report.

(continued)

each academic department

EMIES

PUPILS						ENTERING HIGHER INSTITUTIONS				LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES							Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools						
7	14	21	1	5	6				1 200	20	\$400	\$1	\$4 768 40	
	20	26			7				1 457	20	4 338	41	11 536 58	
	91	91			17				5 000	270	9 700	35	40 964 66	
7	25	32	1	5	6				2 925	325	2 550		6 648 73	
	39	39		12	12				3 993	136	2 518		14 464 ..	
	153	153		10	10				949	31	4 415	825	12 101 40	
	67	67		5	5				1 105	122	1 775	100	16 627 ..	
65	120	185	15	25	40	4	1	2	6 356	340	6 000	79	26 532 09	
72		72	11		11	18	9	8	734		1 167		19 985 68	
	81	81		20	20	4	3		2 800	50	1 500	146	46 428 35	
	26	26		2	2				500	75	1 800	300	3 085 ..	
8	28	36	1	2	3				650	150	500		1 118 ..	
22		22	4		4				600		550		1 695 ..	
	49	49		6	6	5			1 982	3	1 833	95	16 457 74	
176		176	12		12				1 000	1 000	2 180	45	136 854 18	
	50	50		7	7				1 664	42	2 501		6 913 58	
	84	84		14	14	4	1		2 300	5	300		56 639 74	
274		274	23		23	18	3	3	3 300	60			29 914 01	
63		63	26		26	26			652		1 975		57 846 72	
10	38	48							1 040	35	425	20	1 120 13	
	132	132		17	17			3	308	28	643	23	5 907 09	
9	9	9	1		1	1			1 125		375		4 148 77	
20	9	29	8	3	11				3 525	40	6 245	19	22 638 69	
16		16	8		8	2			1 500		4 200	275	11 450 13	
5	25	30	1	3	4	1	1	2	490	40	500		1 801 89	
	18	18		3	3				670	5	535	67	19 564 54	
45		45	4		4	2			1 220	800	400	59	4 094 23	
42		42	11		11	2		1	1 500	65	1 600	40	1 992 ..	
32		32	2		2				1 028		368	92	11 763 80	
109		109	10		10	18		7	2 775	25	3 600	229	17 435 17	
342		342	36		36	26		1	10 333	200	2 400	100	43 123 17	
2 750		2 750	507		507	265			d	d	d	d	d	
34	24	58	8	8	16	3		3	2 656	10	6 040	10	16 903 81	
	7	7		1	1				873	10	500		4 762 ..	
102		102	8		8	6		2	2 280	66	10 000	90	17 943 75	
13		13	3		3	3			1 000	9	375		10 610 51	
	45	45		8	8	1	1		1 932	20			4 379 ..	
	16	16		3	3	1			139	15		3	1 072 45	
	45	45		4	4	1		2	1 500		800		16 089 59	
2	5	7							300	15	380	290	1 008 ..	
	61	61		6	6				8 072	248	4 105	1 000	30 802 76	
	82	82		9	9			1	6 843	150	2 079	10	42 526 ..	
	35	35		2	2				1 600	45	700		5 000 ..	
	45	45		4	4				3 290	90	2 000	50	8 749 ..	
242		242	53		53	30		4	d	d	d	d	d	
	28	28		10	10	6		2	1 380	60	5 300	50	20 700 ..	
	28	28		2	2	3			488		411		9 523 96	
81	11	19	2	2	2	2			652	84	500	75	16 063 06	

TABLE 13
Important statistics for
ACAD

	c Grade of school	TEACHERS		REGISTRATION							Total registration
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	
Garr Inst., Goshen.....	J. A.	1	13	11	7	4	6		11	17	28
Genesee Wesleyan Sem., Lima.....	A.	7	4	45	55	48	34	12	100	94	194
Glens Falls A.....	A.	13	13	8	10	10	6	3	18	19	37
Hackley S., Tarrytown.....	A.	10	9	23	14	12	12	6	64		64
Hartwick Sem., acad. dep't.....	A.	3	1	19	7	3	8	1	20	18	38
Holy Angels Col. Inst., Buffalo.....	A.	53		37	14	6	12		50	19	69
Holy Cross A. S. of Albany.....	M. A.		23	14	4				8	10	18
Holy Cross A. S. of Ogdensburg.....	J. A.		1							4	4
Holy Cross A. of Manhattan.....	A.	2	5	38	20	10	14		82	82	82
Holy Ghost A. S., Tupper Lake.....	J. A.		12	12	4	3	1		7	18	20
Horace Mann S., acad. dep't.....	A.	29	17	85	119	109	86	73	241	231	472
Houghton Wesleyan Meth. Sem.....	A.	6		21	15	21	9	23	48	40	88
Immaculate Heart A. S., Watertown.....	A.		23	11	4	1	4		4	16	20
Inst. of Sisters of St Joseph, Buffalo.....	A.		34	14	19	6	6		45	45	45
Keuka Inst., Keuka Park.....	A.	2	3	7	6	8	12	9	20	22	42
Ladyelf A., Highland Falls.....	A.		5	24	8	7	8		2	45	47
La Salle A., New York.....	A.	5		55	29	13	2		109		109
La Salle Inst., Troy.....	A.	5		42	31	22	10	2	107		107
aLowville A.....	A.										
McAuley A. S., Keeseville.....	M. A.		13	10			1		2	9	11
Manhattan College, acad. dep't.....	A.	10		26	31	45	52		154		154
Mt Mercy A., Buffalo.....	A.		4	7	7	3	10			27	27
Mt Pleasant A., Ossining.....	A.	53		20	18	12	7		57		57
Mt St Mary's A., Newburgh.....	M. A.		1	6		1				7	7
Nasareth A., Rochester.....	A.		82	88	53	17	16	3	4	173	177
bNew York Froebel Normal Inst.....	A.										
New York Military A., Cornwall-on-Hudson.....	A.	12		28	31	29	19		107		107
Niagara Univ., acad. dep't.....	A.	6		55	16	20	20	7	118		118
Oakwood Sem., Union Springs.....	A.	3	84	16	13	14	10	4	24	38	57
Paoker Col. Inst., Brooklyn.....	A.	4	253	136	91	75	61	79		442	442
Palmer Inst.-Starkay Sem., Lakemont.....	A.	4	5	17	14	6	19	16	45	26	72
Pawling School.....	A.	9		21	21	31	19		92		92
Peekskill A.....	A.	63		54	37	11	20		122		122
Polytechnic Inst. of Brooklyn, prep. school.....	A.	173	14	119	107	111	64		401		461
Queen of the Rosary A., Amityville.....	A.		23	9	6	6	6			27	27
Rochester Ath. & Mech. Inst.....	Sp.	8	2	45	52	15		8	119	1	120
Sacred Heart A. S. of Coboes.....	J. A.		3	3					3		3
St Agnes Fem. Sem., Brooklyn.....	A.	1	6	18	15	21	18		72		72
St Aloysius A., Rome.....	A.	2	24	2		11	7		21	21	42
St Angela's Hall A., Brooklyn.....	A.	1	43	2	2	1	11			16	16
St Ann's A. S., Hornell.....	M. A.		2	38					19	19	38
St Ann's A. S., Nyack.....	J. A.		1	5	4				3	6	9
St Anthony's S.....	J. A.		3	4						4	4
St Augustine's A. S., Troy.....	J. A.	1	23	14	10	7	2		16	17	33
St Bernard's A., Coboes.....	A.		4	28	34	18	10		28	62	90
St Bonaventure's Col., acad. dep't.....	A.	3		11	14	16	9		50		56
St Bridget's A. S. of Buffalo.....	J. A.		2	52					29	23	52
St Catharine's A. S. of New York.....	S. A.		4	11	7	4	2	1		25	25
St Clare's A. S., East Aurora.....	J. A.	1	3	9	3				5	7	12
St Elizabeth's A., Allegany.....	A.		9	15	13	9	15	10		62	62

a Data given under Lowville Union School. b No report received. c A.=academy; S. A.=senior academic; M. A.=middle academic; J. A.=junior academic; Sp.=special. d Burned.

(continued)

each academic department

EMIES

PUPILS						LIBRARY			APPARATUS		EXPENDITURES			
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes library	Number of volumes added during the year		Value of apparatus owned by school	Expenditures for apparatus during the year	
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools			Total expense of academic department during the year			
9	14	23	2	2	4			2	409		\$ 500		\$1 608 37	
78	78	156	20	22	42	6	6		2 700		1 800	\$277	43 721 61	
15	13	28	2	2	4	4	4		2 233	3	750		3 008 20	
57		57	6	6	12	6	6		2 200		529		172 184 10	
15	14	29	4	1	5	1			2 500	43	1 500	20	8 311 22	
43	18	61	8		8				4 850	350	565		8 450 ..	
7	8	15							514	20	210		304 ..	
	4	4							221		100		813 ..	
	66	66		13	13	1		7	1 169	10	1 921	260	13 652 87	
6	11	17	1	1	2				163	12	62		437 50	
312	210	422	20	42	62	36			1 345	75	1 763	224	55 245 94	
30	31	70	3	3	6	1			2 012	50	1 250	72	10 308 34	
4	14	18	1	2	3				1 894	100	1 103	529	3 942 97	
	38	38	5	5	10		2		969	4	950		9 555 78	
16	16	32	6	6	12	4			1 880	177	1 125		4 222 82	
3	43	45		8	8			4	1 306	48	4 713		19 109 17	
82		82	2	2	4	3			2 900	78	5 894	50	5 894 80	
102		102	12		12			5	3 226	94	1 600	50	5 535 16	
2	7	9							4 350	50	1 950		9 18 79	
								3	919	100	250	15	3 091 78	
134		134	43		43	17			3 138	125	2 912	122	26 260 75	
	23	23		10	10				750	80	600	109	654 78	
50		50	3		3	3			6 000		797		2 196 25	
	6	6							1 426		2 280		6 747 32	
4	161	165		12	12	2	2	1	1 600	19	4 218	118	9 180 44	
100		100	17		17	7			4 180		2 500	400	41 650 ..	
116		116	20		20				5 000	400	10 000	750	46 690 ..	
19	28	47	3	7	10	3	2	1	1 336	271	1 500	11	16 883 76	
	359	359		30	30	10			8 429	217	8 666	300	78 300 ..	
28	12	40	11	4	15	7	2	2	4 012	42	2 757	11	28 911 36	
84		84	19		19	15			4 800		500	61	66 648 26	
140		100	17		17	7		2	4		4		46 037 69	
212		212	57		57	43		5	4 547	879	6 326	514	60 485 29	
	26	26						3	595	73	709	7	1 736 ..	
105	1	106				1		1	418	25	6 409	3 580	22 092 76	
1		1							238		88		88 ..	
	70	70		18	18				471	30	750	51	2 243 67	
11	19	20	4	3	7				460		230	25	785 ..	
	11	11		11	11				238	22	418	34	4 306 ..	
18	18	36							615	35	300		1 086 08	
3	4	7							182	13	86		7 486 64	
	3	3							175	25	450	5	1 786 66	
15	13	28	2		2				676		1 000		4 192 ..	
24	56	80	4	6	10		1	12	597	35	710		1 749 85	
49		49	9		9				1 890	90	2 000		5 900 ..	
21	18	39							380	10	620	12	1 848 67	
	17	17		2	2				780	20	2 000	20	2 687 55	
4	4	8							480	25	100	50	3 044 76	
	59	59		15	15		2	3	2 167	68	400	46	5 882 84	

TABLE 13
Important statistics for
ACAD

	Grade of school	TEACHERS		REGISTRATION							Total registration	
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls		
St Faith's A., Poughkeepsie.....	A.		3	17	3						20	20
St Francis A., Brooklyn.....	A.	6		45	31	23	28		136			196
St Francis Xaviers A., Brooklyn.....	A.	1	4	21	15	17	16				69	69
St Gabriel's A. of Manhattan.....	A.		6	31	16	8	11				66	66
St Gabriel's S., New York.....	S. A.	9		61	37	11	15		42	82		124
St James A. of Brooklyn.....	A.		54	44	20	23	30			117		117
St John's A. S. of Schenectady.....	M. A.		1	16					9	7		16
St John's A., Albany.....	A.		2	11	18		4		3	25		28
St John's A. of Brooklyn.....	A.	13		80	45	25	27	67	244			244
St John's A. of Rensselaer.....	A.		3	18	18	19	3		19	36		58
St John's Cath. A., Syracuse.....	A.		2	20	18	3	7		13	35		48
St John's Military S., Manlius.....	A.	13		65	60	48	30		203			203
St Joseph's A. S., Brazer Falls.....	J. A.		3	15	14	12	6		7	40		47
St Joseph's A. S. of Batavia.....	M. A.		2	20	20	7	5		23	29		52
St Joseph's A. S. of Mt Vernon.....	M. A.		1	2	3	3				8		8
St Joseph's A., Albany.....	A.	2	24	38	14	20	15		32	55		87
St Joseph's A., Binghamton.....	A.		24	12	15	4	6		10	27		37
St Joseph's A., Troy.....	A.		44	53	36	11	15	7	56	66		122
St Joseph's A. & Ind. Fem. S., Lockport.....	S. A.		11	18	7	9	7			41		41
St Joseph's A. of Malone.....	A.		3	4	5	4	3	5	3	18		21
St Joseph's Col. Inst., Buffalo.....	A.	34		27	22	12	5	1	67			67
St Lawrence's A. of Manhattan.....	A.		34	12	7	10	10			30		30
St Lucy's A. S., Syracuse.....	S. A.		3	16	22	11	7		13	43		56
St Margaret's S., Buffalo.....	A.		64	12	9	6	7			33		33
St Mary's A. S. of Olean.....	J. A.		1	13					8	5		13
St Mary's A., Dunkirk.....	A.		3	35	15	12	2		27	37		64
St Mary's A., Ogdensburg.....	A.	14	34	29	27	20	12	3	43	48		91
St Mary's A. & Ind. Fem. S., Buffalo.....	S. A.		4	15	18	6	13			52		52
St Mary's A. of Glens Falls.....	A.		54	47	32	28	22	7	58	78		136
St Mary's A. of Hoosick Falls.....	A.		2	26	12	6	1	1	15	33		48
St Mary's A. of Hudson.....	S. A.		4	14	16	6	10		21	25		46
St Mary's A. of Little Falls.....	A.		4	19	17	8	14		16	42		58
St Mary's Cath. Inst., Amsterdam.....	A.		34	31	18	18	23		52	38		90
St Patrick's A. S. of Cohoes.....	J. A.		1	5	4				3	6		9
St Patrick's A. S. of Rouse Point.....	J. A.		1	4	5	4		1	7	7		14
St Patrick's A. of Catskill.....	A.		4	16	5	1	2		12	12		24
St Patrick's A. of Troy.....	A.		24	25	7	7	5		9	35		44
St Paul's A. of Oswego.....	A.		3									
St Peter's A., Troy.....	A.		1	24	39	11	12		25	61		86
St Stanislaus A. S., Keeseville.....	J. A.		1	1	3	2	3		5	4		9
St Thomas Aquinas A., Brooklyn.....	A.		4	17	16	11	6			50		50
St Walburga's A. S., New York.....	M. A.		9	15	10	10		2		37		37
Sellas A. S., Redford.....	J. A.		1	7	3			3		13		13
Sherman Col. Inst., Moriah.....	A.		1	26	12	9			16	31		47
Staten Island A., New Brighton.....	A.	74		17	17	16	13	12	43	33		75
Travis Preparatory S.....	A.	3	14	10	18	20	16		62	2		64
Trinity S., New York.....	A.	84		30	33	18	15		96			96
Troy A.....	A.	4		15	15	21	9	1	61			61
Troy Fem. Sem.....	A.		13	22	17	26	29	28		123		122
Union A. of Belleville.....	A.	14	14	11	8	4	6	1	13	17		30

• No report received. † A.=academy; S. A.=senior academic; M. A.=middle academic; J. A.=junior academic.

(continued)

each academic department

EMIES

PUPILS						ENTERING HIGHER INSTITUTIONS			LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			Colleges	Normal schools and normal colleges	Professional and technical schools	Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year		Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total								
110	11	110	9	16	9				2 360	40	\$390		\$5 851 32
	67	67		16	16				282	10	2 000	\$50	9 890 ..
	60	60		10	10				695	10		136	2 292 ..
	18	77		15	15			15	2 350	80	4 502	197	3 198 39
									559	59	465		6 376 21
	114	114		15	15			1	750	90	800	189	2 750 05
5	4	9							600	45	200	50	4 460 ..
1	21	22		4	4				1 722	50	617		512 86
200		200	15		15	6			2 000		3 050	1 050	18 064 47
17	35	52		3	3			1	1 575	103	400	25	1 875 ..
10	31	41	2	5	7				1 407	30	821		1 950 ..
190		190	27		27	19			315		1 800		116 362 73
5	31	36		6	6				1 171		2 034	36	1 717 17
19	23	42	3	1	4				502	44	185	85	688 46
	7	7							570	36	169	33	5 075 91
21	49	70	7	1	8			1	422	44	550	550	5 905 ..
7	20	27		3	3			3	668	6	333		1 487 75
45	56	101	4	6	10			6	2 000		2 453	300	2 862 54
	40	40		7	7			1	2 389	189	3 600	100	6 120 ..
2	14	16		3	3			1	450	40	350		1 080 ..
58		58	5		5			2	2 144	47	740	40	6 339 96
	32	32		10	10			2	795	83	1 131		2 253 54
11	33	44						1	815	235		36	1 523 26
	28	28		7	7	1		2	587	9	525	7	9 810 09
6	4	10							348	48	100		1 219 84
21	27	48		2	2			2	530	15	1 307	123	1 887 19
35	38	73	6	6	12			2	1 630		600		1 421 69
	49	49		13	13			3	652	22	2 515		2 780 17
47	68	115	12	10	23	4		1	945		4 765	218	2 618 ..
12	29	41							745	14	1 466	40	1 240 23
18	23	41	6	4	10				825	50	425	106	1 663 52
13	22	45	1	13	14			4	400	25	436	100	1 700 ..
45	37	82	11	6	17	1		1	1 100	6	1 084		4 656 ..
2	1	3							350	50	216		263 ..
4	5	9		1	1				450	50	100		920 51
10	10	20	3	1	4				590	10	400	10	1 202 50
2	31	33		5	5			2	930	10	743	20	3 185 ..
21	56	77						10	1 156	65	4 287		1 250 ..
4	3	7							453	14	170	55	623 ..
	31	31		8	8			5	1 026	20	1 340	10	2 102 03
	32	32							850	110	575	475	3 398 ..
	8	8							874	31	485		510 69
10	18	28							1 550		400	248	3 397 82
36	27	63	3	5	8	3			2 962	200	2 100	1	18 814 80
56	2	58	26		26	5		21	400	40	400	110	7 042 ..
84		84	12		12	10		2	325	25	1 000		127 263 71
54		54	9		9	2		13	650	5	350	3	6 382 58
	119	119	26		26	13		3	3 051	75	1 850	5	143 561 08
10	15	25	3	4	7	1		11	732		385	123	3 638 69

TABLE 13
Important statistics for
ACAD

	Grade of school	TEACHERS		REGISTRATION								
		Men	Women	First year	Second year	Third year	Fourth year	Special	Boys	Girls	Total registration	
Ursuline A. S., Middletown.....	J. A.		3	13		7	2				23	23
Ursuline A., New York.....	A.		5½	30	20	19	11	10			99	99
Ursuline Sem., New Rochelle.....	A.		7	20	11	12	10				53	53
Utica Cath. A.....	A.	2	3	42	28	22	14			57	49	106
Utica Fem. A.....	A.											
Wagner Memorial Luth. Col., Rochester.....	A.	5		10	8	6	7	3		34		34
Watervliet A.....	A.		2½	16	12	9	12			17	32	49
Westleigh Coll Inst., New Brighton.....	A.	6½	½	66	8	7	11			62	30	92
Total.....		482	483	5 694	3 654	2 876	1 777	609	9 089	5 421	14 510	

a No report received. b A.=academy; E. A.=senior academic; M. A.=middle academic; J. A.=junior academic.

(concluded)

each academic department

EMIES

PUPILS									LIBRARY		APPARATUS		EXPENDITURES
AVERAGE DAILY ATTENDANCE			GRADUATES			ENTERING HIGHER INSTITUTIONS			Number of volumes in library	Number of volumes added during the year	Value of apparatus owned by school	Expenditures for apparatus during the year	Total expense of academic department during the year
Boys	Girls	Total	Boys	Girls	Total	Colleges	Normal schools and normal colleges	Professional and technical schools					
22	23	23	2	2	2				490	18	\$525	\$37	\$2 206 48
53	53	53	11	11	11		1		580	80	2 800	300	7 756 62
43	43	43	7	7	7				734		570	143	13 706 96
35	44	79	12	14	14	1	6		4 251	15	1 146	32	2 219 22
26	26	26		8	8				1 040		500		8 176 36
15	27	42	10	11	11	1			579	30	1 000		11 264 80
43	14	57	8	11	11	11			1 000		800	13	5 121 67
7 823	4 004	12 447	1 289	706	1 935	736	81	231	250 503	10 733	\$344 995	\$15 938	\$2 336 953 44

Title III

HIGHER EDUCATION

Progress in the field of higher education is intended to be the keynote of this portion of the annual report. It purports to give prominent items in the whole field and in the several divisions thereof — universities, colleges, professional schools, technical and others. The advance without the State is shown from reports of national conferences and associations; within the State, by reports and summaries.

The National Association of State Universities at its 13th annual meeting held November 15 and 16, 1908 at Washington, D. C. adopted the report of its committee on standards of American universities. In the words of the committee:

There are certain clearly marked tendencies or forces at work in our American society toward the development at no distant date of a typical institution of learning which we may not improperly call the Standard American University.

This institution will, for an indefinite time, include as an important part of its organization what we may call a Standard American College with a four years curriculum, with a tendency to differentiate its parts in such a way that the first two years will be looked upon as a continuation of and a supplement to the work of secondary instruction as given in the high school, while the last two years will be shaped more and more distinctly in the direction of special, advanced or university instruction, rising gradually into the advanced work of the graduate school.

The Standard American University will also include as a distinct department the graduate school or philosophical faculty.

It will also include as organic parts of the institution in its fully developed form various professional schools, such as law, medicine and engineering.

During the discussion and adoption of this report the chairman said:

We have got to standardize though a great many of us would prefer to have no such thing. Let it be understood that standardizing is disagreeable work and that we wish that we did not have it to do but if we do not do it in this association it is being done for us and we have no share in the doing of it. It is being done rapidly by national professional associations. It is being done by voluntary associations; it is being done on a basis in these institutions that has not the breadth that we propose in this report.

The association defined the Standard American University to be an institution

1 Which requires for admission the completion of the curriculum of the Standard American High School with a four years course which will enable pupils to offer for admission not less than 14 units of five periods each, or their equivalent.

2 Which offers in the College of Liberal Arts and Sciences two years of general or liberal work completing or supplementing the work in the high school.

3 Which offers a further course of two years so arranged that the student may begin work of university character leading to the bachelor's degree at the end and reaching forward to the continuation of this work in the graduate school or the professional school.

4 Which offers professional courses in law, medicine, or engineering based upon the completion of two years of college work.

5 Which offers in the graduate school an adequate course leading to the degree of doctor of philosophy.

6 That the association recognize any institution in whole or in part doing work of this grade as, in so far, doing work of university quality.

The association then adopted

I 60 year hours or units of collegiate work for the bachelor's degree.

II Qualifications of teachers and institutional facilities. It is expected that a high school teacher possess the bachelor's degree, the master's being recommended; a teacher of college work possess the doctor of philosophy or its equivalent.

III Equipment, including library, laboratories and apparatus.

IV Time units for degrees: three years from the beginning of the junior year for the degree of master of arts; five years for the doctor of philosophy.

V Scope of curriculum.

VI Provision for recognition and committee on standards.

The Association of American Universities at its 10th annual conference held at Ithaca, N. Y., January 1909 discussed the report of a special committee on university nomenclature, which recommended

1 That the term *department* be restricted to the various subjects taught in the university, i.e. the department of Latin.

2 That the term *course* be restricted to the subdivisions of a subject, e.g. course 1 in English.

3 That the term *college* be restricted to a part of the university, the standard of admission to which is the equivalent of that required by the Carnegie Foundation for the advancement of teaching and which offers instruction leading to a first degree in arts, letters or sciences.

4 That the term *school* be restricted to a part of the university, the standard of admission to which is not less than the equivalent of two years' work in the college and which offers instruction of not less than two years' duration leading to a technical or a professional degree.

Carnegie Foundation for the Advancement of Teaching. The third annual report issued October 1908 gives in part 4, "Educational Progress and Problems," several specially interesting items, notably, progress toward unity in college requirements for admission, and the organization of higher education. The former shows the marked influence of the foundation on the colleges of the country, and the latter states an important problem in process of solution. It reports for the year a marked progress in the direction of reasonable and uniform standards for admission to college and says:

In the United States today there are nearly 1000 institutions which call themselves colleges. The work offered by these institutions varies from that of a true college articulating with the standard high school and offering four years of fruitful study to institutions so low in grade that their courses of study do not equal those of a good high school. This confusion is the result of a number of causes among which especially significant are the newness of our educational development, the lack of any intelligent supervision of higher education, and the

tendency of colleges in the past to remain isolated schools unrelated to the general system of education. The first of these is a perfectly natural phase of our extraordinary national and industrial growth.

Commenting on the lack of any intelligent supervision it says:

The absence in nearly all states of the Union of any form of supervision over higher education is a singular feature of our educational history. The University of the State of New York (which is a board not a teaching institution) represents almost the only effective agency in any state of the Union which has the power to supervise or even to criticize institutions devoted to higher education and to professional training. In the State of New York the term *college* has a definite meaning and an institution, whether for academic or professional training, must, before it can confer degrees, comply with certain standards and must have certain facilities for education. In most states of the Union, at least until very recently, any body of men who chose to do so for any purpose whatever could incorporate under the general laws and organize what they called a college, a medical or a law school, to be conducted according to their own standards of ambitions and without any relation to the general system of education. These may legally confer all the degrees of higher learning which the strongest and most scrupulous college can confer—a right they are not slow to make use of. The District of Columbia has been prolific in paper colleges which scatter degrees far and wide, the distribution beginning usually with the members of their own faculties.

The report gives as example the Medico-chirurgical and Theological College of Christ's Institution, which applied for and failed to receive the Regents recognition soon after its incorporation and entered on the same disreputable career among the blacks that the discreditable Old Physio-medical College has been pursuing among the whites, to which attention is called later.

Education for November 1908 in an article on the accrediting of high schools by state universities brings out the fact that in 11 out of 15 of the North Central and Pacific States maintaining universities, inspection by these institutions is regularly established for this purpose. The 15 states referred to are Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, South Dakota, North Dakota, Colorado, California and Washington.

The General Bulletin on Professional Education issued by the Regents in 1899 enumerated all institutions of the United States

that gave lists of secondary schools accredited on inspection or any other method. That list included 27 institutions.

The results of these clearly marked tendencies or forces of national character have been quite apparent in New York State and the statement that standardizing is often disagreeable work can be exemplified from many experiences of the Education Department. It is interesting to note that the first principle defining the Standard American University became operative in this State in August 1896 and that the more severe tests of Regents examinations for college entrance diplomas crystallized into Regents revised rule 361 which was adopted in October 1907 and has been in full force this year. The differentiation of college and university has been going forward steadily as shown by the records of the Statistics Division.

The recommendations of university nomenclature appeared early in the *University Law* and had crystallized in permanent form in 1899 when the *General Bulletin on Professional Education* was published. The reorganization of the unified system employed terms that had been worked out in New York's experience and the Regents Revised Rules of 1908 still further defined these terms now of national character — high school, college and professional schools. Whether the effort to base professional courses in law, medicine and engineering on two years of undergraduate college work will prove successful or not remains to be demonstrated, but a number of universities have inaugurated the plan and the outcome will be watched with interest and with profit.

Turning now from these discussions which are in a sense academic, to the field of statistics an interesting comparison has been instituted between the matriculates of German universities and the students in higher education in the State of New York, during the same period. The statistics of the two countries will differ as their educational systems differ, but they are of sufficient accuracy and similarity to illustrate the relative importance attached to higher education in the two countries.

The *Deutscher Universitätskalender* for the winter semester 1908-9 publishes an interesting statistical table of the matriculates of the German universities by giving the number in attendance from the German Empire, from the other countries of Europe and from the other continents of the world — America, Asia, Africa and Australia. The 21 universities matriculated 44,640 students from the German Empire; 3552 from other European countries; 333 from America,

and 192 from Asia, Africa and Australia, a total of 48,717. The number of women matriculates unclassified by countries was 1077. There were matriculated the preceding summer semester 47,799 — 918 less students.

The census of 1905 showed a total population of the 26 states of the German Empire to be 60,641,278.

The population of New York in 1905 was 8,067,308. The percentage of population in New York to the German Empire is about $13\frac{1}{3}$.

The number of students in higher institutions in New York (corresponding as closely to the matriculates of the German universities as the differences in school systems and reports permit) for the school year 1908-9 was 36,287 — 74.5 per cent of the number in the German universities.

Comment on these figures is unnecessary except that owing to the recognized efficiency of the universities and colleges and the standardized requirements of this State the figures for New York include at least several thousand students that are residents of other states who will return to their own several states after the completion of their education.

The statistics of the German universities, giving in detail as they do the numbers in attendance on each state university from each state of the German Empire from other countries of Europe and from other continents of the world, reveal a lack in the educational system of the United States worthy of serious consideration, namely: concise, clear, accurate statistics regarding every phase of education in the United States as a whole and in the individual states.

Would it not be possible to secure by conference and correspondence a concerted action among 10 or 12 leading states whereby more accurate data should become available at less expense of time and labor both on the part of the recording and reporting officials?

Legislation. One of the most important items of the current year in the State was the consolidation of the general laws relating to education which was reported by the Board of Statutory Consolidation, passed by the Legislature, approved by the Governor, and became chapter 21 of the laws of 1909, the *Education Law*. This Education Law that brought together the Consolidated School Law and the University Law, with others relating to schools, to the University, and to the practice of the professions was published in Bulletin 449 and appears as a supplemental volume of the Department's Fifth Annual Report. The Board of Statutory Consolidation

did not venture to do much in the way of change of form, which left much to be desired in the way of good form and on the Commissioner's recommendation the Regents voted in their April 1909 meeting to approve the plan presented by the Commissioner for a complete rewriting of the Education Law and requested him to present the results to the law committee before the annual meeting of the Board.

Section 1095 of the Education Law defines the institutions of the University, which include all institutions of higher education that are now or may hereafter be incorporated in this State and such other libraries, museums, or other institutions for higher education as may in conformity with the ordinances of the Regents, after official inspection, be admitted to or incorporated by the University.

Section 1097 entitled *Charters* enumerates the institutions that may be incorporated by the Regents: "Any university, college, academy, library, museum, or other institution or association for the promotion of science, literature, art, history, or other department of knowledge."

Handbook 24 entitled *Organization and Institutions* is printed annually on the opening of the new school year and was ready for distribution before Convocation. It was carefully revised to conform by title with the definition of *institutions* as set forth in section 1095 and 1097 of the Education Law.

UNIVERSITY CONVOCATION

The 47th University Convocation of the State of New York was held October 28, 29 and 30, 1909 in the Senate Chamber, Dr St Clair McKelway presiding. The afternoon session of October 28 comprised the dedication exercises of the new State Normal College buildings, President Milne presiding. The opening address was by Gov. Charles E. Hughes; the dedicatory address by Com'r Andrew S. Draper, and closing address by Vice Chanc. St Clair McKelway. The Thursday evening session was made noteworthy by the presence of former Chancellor Bishop William Crowell Doane, whose feeble health compelled him to leave Convocation at the close of his invocation. Vice Chancellor McKelway delivered the Chancellor's address. He was followed by Dean LeBaron Russell Briggs of the faculty of arts and sciences, Harvard College, who delivered a scholarly address on the American College and the American University. There was an informal reception in the Senate lobby at the close of the addresses. The members of Convocation and guests

were received by the Regents of the University and the Commissioner of Education. The leading speakers at subsequent sessions and their topics were: W. Dawson Johnston, Librarian Columbia University, The Library as a Reinforcement of the School; James M. Green, President State Normal School, Trenton, N. J., Teaching as an Occupation for Men, Influences Adverse and Favorable; Nicholas Murray Butler, President Columbia University (absent because of illness) Which are the Professions?; Andrew S. Draper, Commissioner of Education, The Relative Educational Standing of New York State; John M. Thomas, President Middlebury College, Vermont, Moral Education in High Schools and Colleges; Rush Rhees, President University of Rochester, Applied Science and Liberal Culture; Julius Sachs, Columbia College, Improved Standards in Teaching Latin; Judge R. C. S. Drummond, Auburn, The Organization and Direction of Athletic Sports in Secondary Schools.

The attendance upon all the sessions was excellent, that at the Normal College phenomenal. Representatives of the colleges and universities were present in greater numbers than last year. The proceedings, including the formal papers and discussions appear in Bulletin 460.

ASSOCIATION OF COLLEGES IN THE STATE OF NEW YORK

At the December meeting of the Board of Regents the Commissioner brought to the attention of the Regents their revised rule, section 23, subdivision *e* "a college or university may be registered as maintaining a satisfactory standing for one full year of medicine when the combined course for the baccalaureate and medical degrees is not less than seven years." A rule worked out in accord with section 166, subdivision 4, of the medical practice act which specifies that "the Regents may, in their discretion, accept as the equivalent of the first year of the fourth requirement (the study of medicine not less than four school years, including four satisfactory courses of at least seven months each, in four different calendar years in a medical school registered as maintaining at the time a standard satisfactory to the Regents) provided that such college course shall have included not less than the minimum requirements prescribed by the Regents for such admission to advanced standing." President Hadley of Yale University appeared before the Board and on formal motion the question, as presented by the Commissioner and discussed by President Hadley, was referred to the committee on higher education for consideration and further report.

As a result of this conference the fourth annual meeting of the *Association of Colleges* was called for February 9, 1909 at Albany and took the form of a conference for the consideration of a combined six years course leading to the B.A. and M.D. degrees. The colleges and universities of the State signified their intentions to have representatives present as follows: Adelphi College, Brooklyn, N. Y., one or more of the faculty; Alfred University, Alfred, N. Y., President Davis; Canisius College, Buffalo, N. Y., Father William F. Clark; Colgate University, Hamilton, N. Y., one or more delegates; College of the City of New York, Pres. John H. Finley; College of St Angela, New Rochelle, N. Y., representative; College of St Francis Xavier, Pres. Thomas J. McCluskey; Columbia University, New York, Pres. Nicholas Murray Butler, Samuel W. Lambert, and Prof. William H. Carpenter; Cornell University, Ithaca, N. Y., Dr Charles H. Hull; Elmira College, Elmira, N. Y., Pres. A. C. McKenzie; Fordham University, Fordham, N. Y., representative; Hamilton College, Clinton, N. Y., Pres. M. W. Stryker; Hobart College, Geneva, N. Y., representative; New York University, New York, N. Y., John H. McCracken and Dr Egbert LeFevre; Niagara University, Niagara Falls, N. Y., Pres. Edward J. Walsh; Normal College of the City of New York, representative; St Bonaventure's College, Allegheny, N. Y., Rev. Joseph F. Butler; St Lawrence University, Canton, N. Y., Pres. Almon Gunnison; St Stephen's College, Annandale-on-Hudson, N. Y., Rev. George W. Anthony; University of Rochester, Rochester, N. Y., representative; Vassar College, Poughkeepsie, N. Y., Pres. James M. Taylor; Wells College, Aurora, N. Y., Dr Lowe. The following were unable to have representatives present: Keuka College, Keuka Park, N. Y.; Manhattan College, New York; and Polytechnic Institute, Brooklyn, N. Y. Com'r Andrew S. Draper and First Assistant Com'r Augustus S. Downing were also present.

At the April meeting Regent Vander Veer reported that the Committee had given the question full consideration and, upon recommendation of the Committee, the Regents modified the section to the extent of permitting a university that maintains a registered medical school to be registered as maintaining a satisfactory standing if it confers academic degrees and medical degrees as a result of a combined course covering six years provided the diploma conferring the academic degree, whether conferred at the end of four years or at the end of six years, shall clearly indicate that such degree is conferred as a result of concurrent courses covering six years, which in

no case must be construed to mean that less than four years' work in subjects essential to a liberal education will be approved as the basis of the academic degree.

At the close of the conference the association met to fill vacancies in the committee of selection for the Rhodes Scholarship as shown under that title.

Handbook 9, *Medicine*, published the list of colleges approved under section 402, Baccalaureate and medical degrees.

RHODES SCHOLARSHIPS

As announced in the *Fifth Annual Report*, under the rules of the *Rhodes scholarships* every three years is omitted in the nomination of scholarships, consequently there will be no appointment from the United States for the year beginning October 1909. The qualifying examination therefore for Rhodes scholarships held in October 1909 was for scholars who will begin residence in Oxford in October 1910.

The New York State Association of Colleges appointed Dean Crawshaw, then acting president of Colgate University, to fill the vacancy caused by the death of President Merrill; elected David J. Quinn, Fordham University, to the vacancy caused by the expiration of the term of President McCluskey; and Pres. M. Woolsey Stryker, Hamilton, to fill a vacancy in a two years term caused by failure to elect a successor to President Rhees when his term expired.

The committee of selection for the year 1909, then, comprises: Dean Crawshaw, Colgate University, chairman; Pres. M. Woolsey Stryker, Hamilton College; President Quinn, Fordham University; First Assistant Commissioner Downing, permanent secretary.

Following previous customs qualifying examinations were provided in four places throughout the State: Albany, Education Department; Ithaca, Cornell University; New York, Columbia University; Rochester, University of Rochester.

The conditions under which the Rhodes scholarships are given and the range of subjects were printed in full in the *Fifth Annual Report* as a matter of record and for information of school authorities.

The qualifying examinations for schools of the United States under the Rhodes bequest were held in October 1909, the selection of students will be completed before the end of March 1910 and the elected scholars will begin residence at Oxford in October of that year. The scholarships are of the value of £300 a year and are

tenable for three years. It will be understood that these examinations are not competitive but simply qualifying. They are merely intended to give assurance that every selected scholar is up to the standard of the first examination (Responsion) which the University of Oxford demands of all candidates for the B.A. degree.

Rhodes scholarships examinations were conducted on behalf of the trustees of the Rhodes bequest October 19 and 20, 1909 in the Assembly Parlor of the Capitol at Albany, under the supervision of H. L. Taylor Ph.D., Syracuse University; in Cornell University, Ithaca, N. Y., by Fellows designated by President Schurman; in Hamilton Hall, Columbia University, New York, by Adam LeRoy Jones, chairman committee on undergraduate admissions, Columbia University; no candidates presented themselves for admission to the examinations in the University of Rochester.

Candidates were present as follows:

SURNAME	FIRST NAME IN FULL	ADDRESS	EXAMINED AT
Caldwell	Wallace Everett	119 Henry st., Brooklyn, N. Y.	Ithaca, N. Y.
Dukes	Gordon Bennett	110 Montague st., Brooklyn, N. Y.	Ithaca, N. Y.
Eaton	Philip L.	Sheffield, Mass.	New York, N. Y.
Russell	Franceslin	University Heights, N. Y.	New York, N. Y.
Shepardson	Whitney Hart	Hamilton, N. Y.	Albany, N. Y.
Sherwood	William T.	Annandale-on-Hudson, N. Y.	New York, N. Y.
Smith	Geddes	Orange, N. J.	New York, N. Y.
Verwiebe	Walter August	728 State st., Schenectady, N. Y.	Ithaca, N. Y.

TIME TABLE OF EXAMINATIONS

Tuesday, October 19

10 a. m. to 12 m.	Translation from Latin into English
2 p. m. to 4 p. m.	Latin prose
5 p. m. to 7 p. m.	Arithmetic

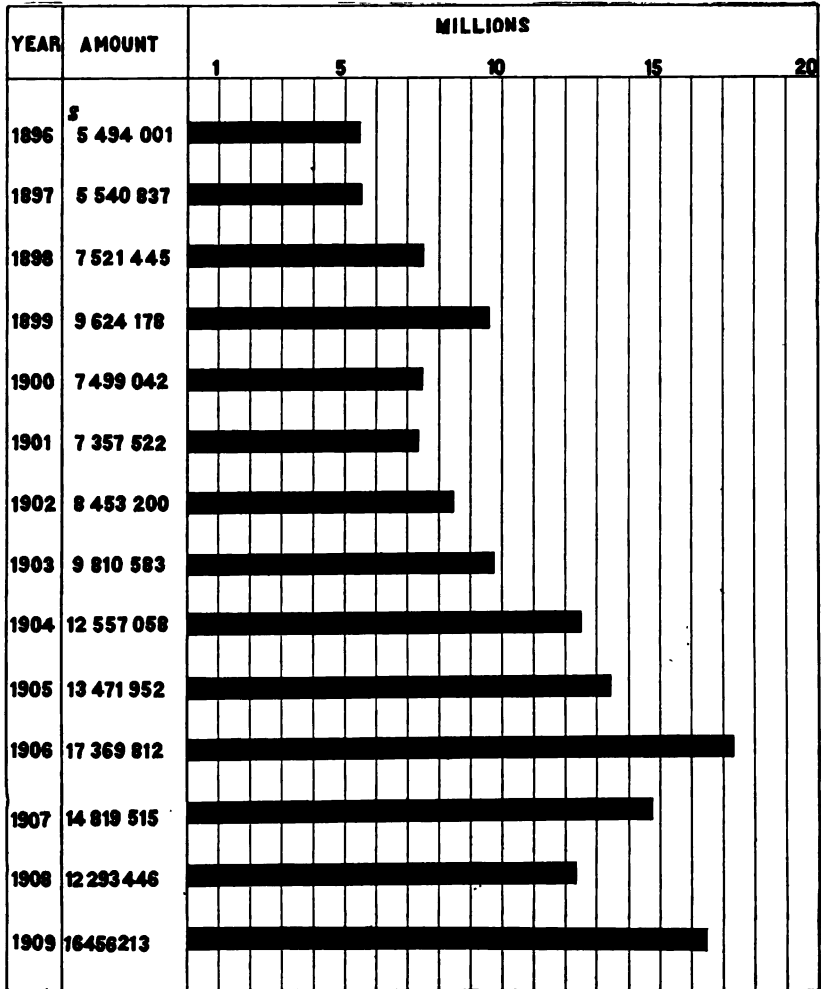
Wednesday, October 20

10 a. m. to 12 m.	Translation from Greek into English
2 p. m. to 3 p. m.	Latin grammar
3.10 p. m. to 4.10 p. m.	Greek grammar
5 p. m. to 7 p. m.	Algebra or geometry

NOTEWORTHY FACTS FROM THE STATE'S STATISTICS OF HIGHER INSTRUCTION

The more important facts in the report from higher institutions in this State the current year are the increase of property in build-

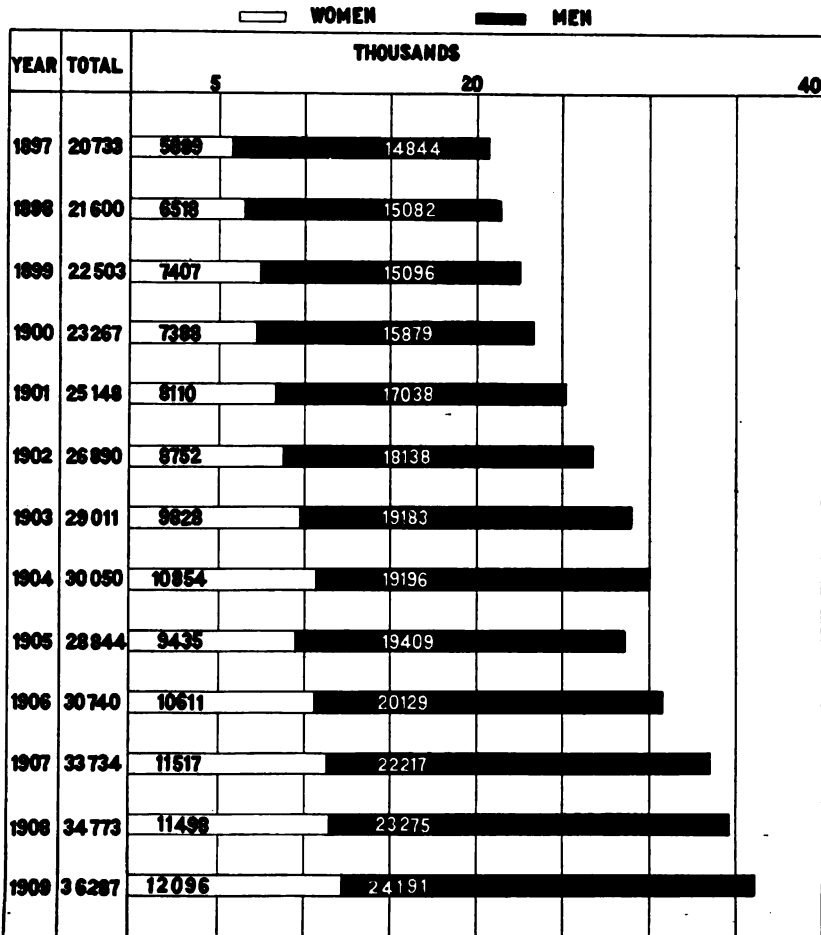
EXPENDITURES OF UNIVERSITIES COLLEGES PROFESSIONAL AND TECHNICAL SCHOOLS



Figures since 1905 do not include expenditures in foreign colleges.



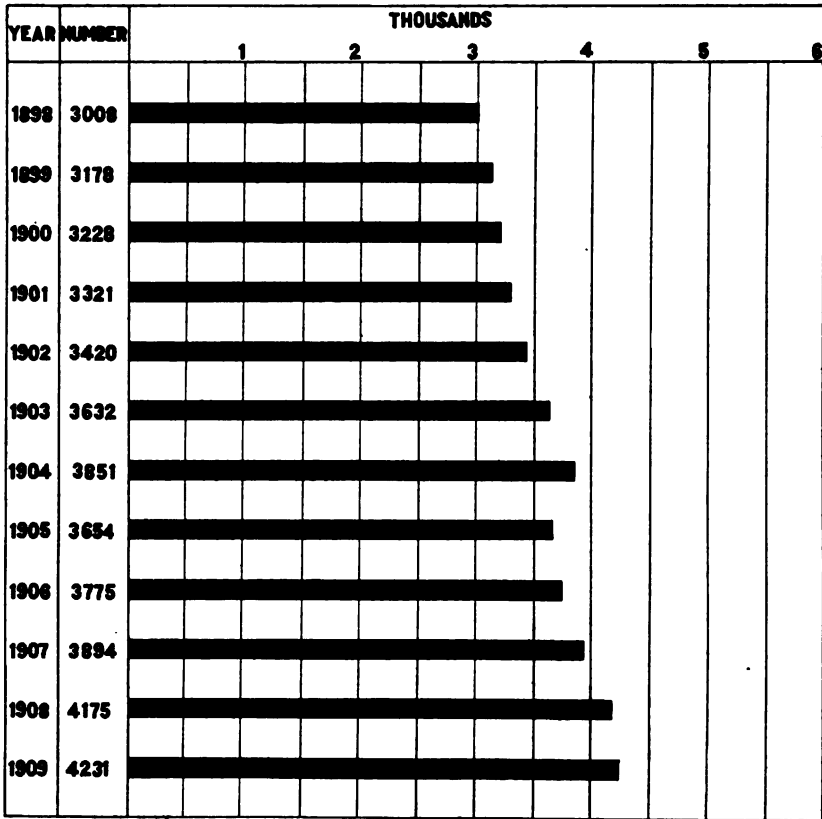
STUDENTS IN UNIVERSITIES COLLEGES PROFESSIONAL AND TECHNICAL SCHOOLS



Figures since 1905 omit foreign colleges and extension students.



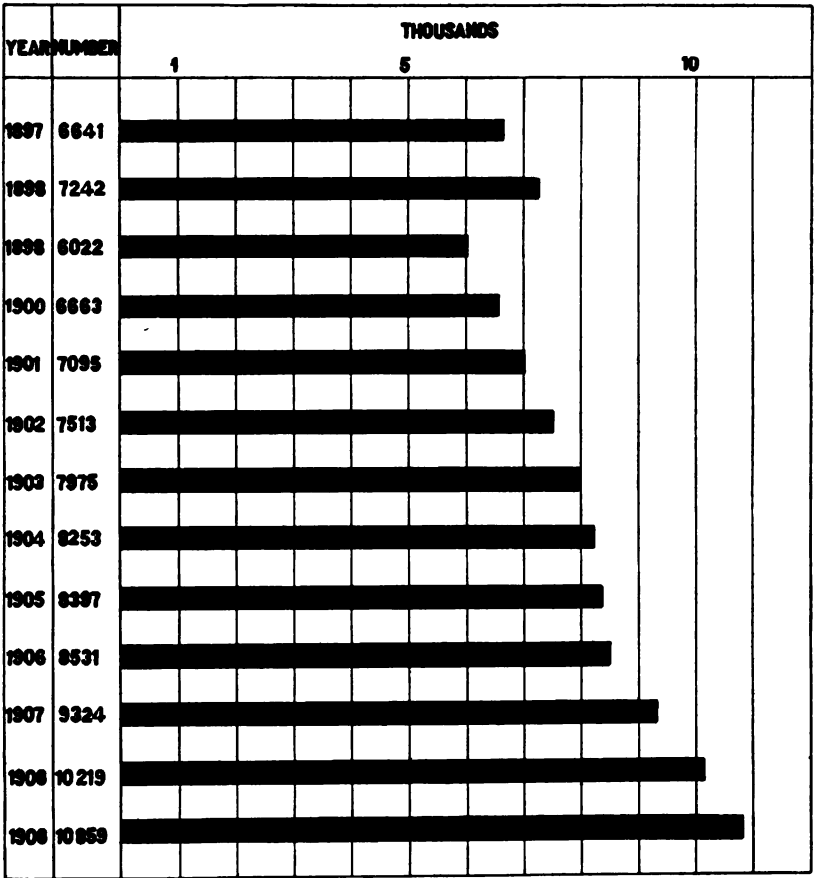
FACULTIES OF UNIVERSITIES COLLEGES PROFESSIONAL AND TECHNICAL SCHOOLS



Figures since 1905 omit foreign colleges.



STUDENTS IN COLLEGES OF LIBERAL ARTS





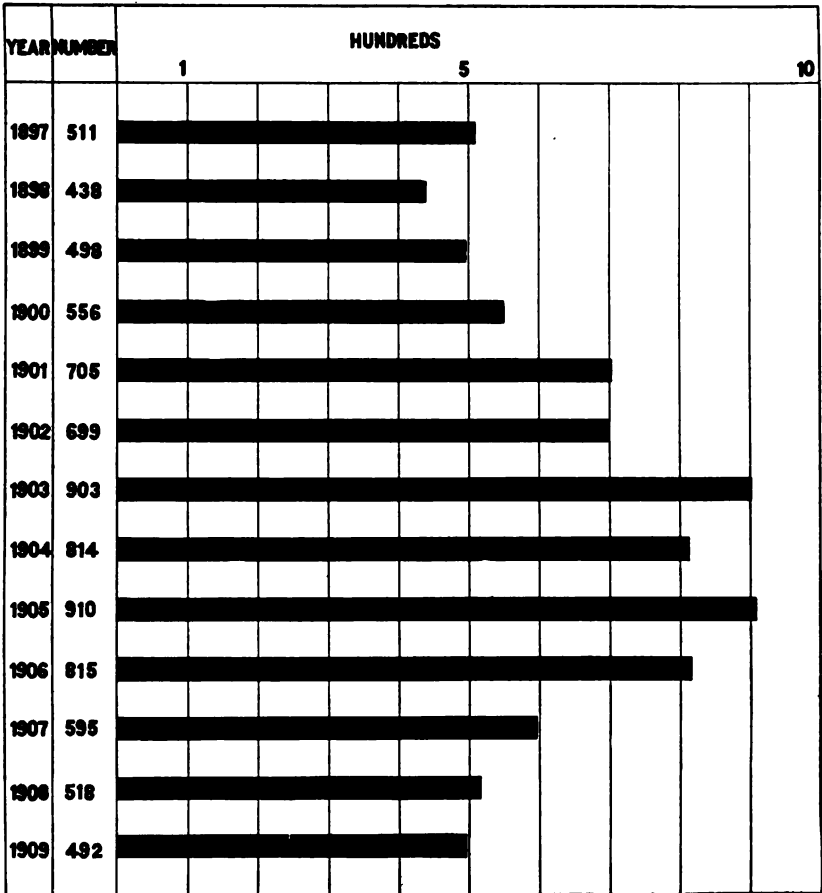
STUDENTS IN LAW SCHOOLS

YEAR	NUMBER	HUNDREDS					
		5	10	20	30	40	
1897	2041	[Bar representing 2041]					
1898	2218	[Bar representing 2218]					
1899	2194	[Bar representing 2194]					
1900	2268	[Bar representing 2268]					
1901	2367	[Bar representing 2367]					
1902	2391	[Bar representing 2391]					
1903	2618	[Bar representing 2618]					
1904	2648	[Bar representing 2648]					
1905	2715	[Bar representing 2715]					
1906	2755	[Bar representing 2755]					
1907	3025	[Bar representing 3025]					
1908	3022	[Bar representing 3022]					
1909	2979	[Bar representing 2979]					



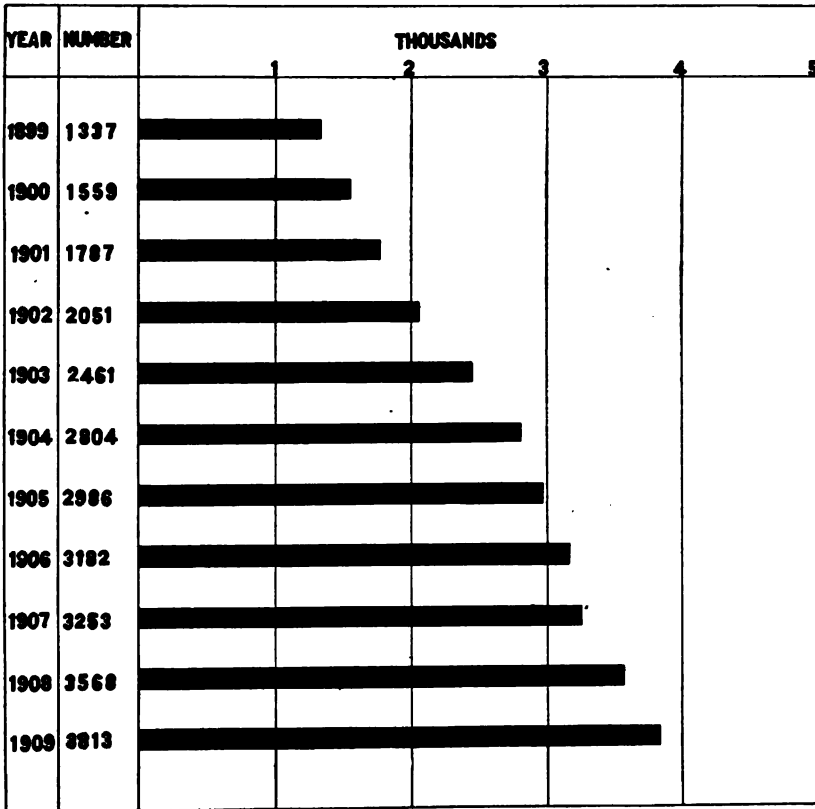


STUDENTS IN DENTAL SCHOOLS





STUDENTS IN SCHOOLS OF ENGINEERING AND TECHNOLOGY





ings a little less than \$1,700,000; the increase in total expenditures a little more than \$4,000,000; and the increase in graduate students 298, the average of the previous five years being less than 100.

The differentiation of university statistics from college and university reports has been in progress for some years.

The *College Department Report*, volume 1, 1898, gives the rank in teachers, students, property and expenditures of eight universities.

Later, the requirement that at least four departments, colleges or schools be in active operation to rank in table one changed the list of such institutions and the First Annual Report of the Department in 1905 gives statistics of six universities, etc.

The important item of gifts and bequests to higher education appears in the following pointed statement from the report of the year which we hope to make more exhaustive in the next report.

GIFTS AND BEQUESTS TO HIGHER INSTITUTIONS 1908-9

\$1 821 606 52 excluding special schools

65 691 08 special schools

\$1 887 297 60 total

This does not include extraordinary receipts in Cooper Union of \$100,000.

CHARTERS AND DECREES

During the year the Regents revised their rules touching incorporation by amending section 20 (which does away with limited charters) April 1, 1909, as follows:

The action of the Board of Regents in incorporating institutions, changing their corporate names, altering, suspending or revoking their charters, dissolving their corporate existence, approving transfers of their property, the approval of the acceptance of conditional gifts, and all action of the Board obviously requiring such suitable exemplifying, shall, in addition to the record made in the journal of their proceedings, be evidenced by charters, decrees, certificates, or other appropriate instruments, which shall embody the said record of their Journal, be executed by and in behalf of the Board of Regents under the seal of the University, which is hereby declared to be the seal of such Board, be attested by the official signature of the Chancellor, or Vice Chancellor, and of the Commissioner of Education, and be recorded in the office of the Regents in their permanent public records.

Section 1099. Conditions of incorporation. This section of the Education Law requires that no institution shall be given power to confer degrees unless it has resources of at least \$500,000, suitable provisions approved by the Regents for buildings, furniture, educational equipment, and proper maintenance.

Other sections of the Education Law and the Regents Revised Rules still further protect degrees in this State. Under these provisions the Regents have incorporated during the year the following higher institutions:

Batavia Training School for Nurses of the Woman's Hospital Association of Batavia

Institute of Scientific Study, 462 Madison av., New York

Lockport City Hospital Training School for Nurses

Putnam County Historical Society, Cold Spring

Rochester School of Optometry, Rochester

St Joseph's Seminary and College, Yonkers

School of Domestic Art and Science, 143 E. 89th st., New York

Ticonderoga Historical Society, Ticonderoga, N. Y.

Training School for Nurses of Buffalo German Deaconess Hospital, Buffalo

During the year degrees were conferred by the Regents on graduates of institutions incorporated by them under provisional charters, in numbers as follows: master of arts, 5; bachelor of arts, 53; bachelor of science, 3; bachelor of science in civil engineering, 14; bachelor of science in electrical engineering, 6; bachelor of divinity, 26; doctor of medicine, 4; doctor of dental surgery, 113; bachelor of library science, 11; total degrees conferred by the Regents for the year, 235. The following degrees conferred by the University during the year were granted to the students of higher institutions of the State:

Master of arts. On the following five (5) graduates of Adelphi College:

Bessey, Mabel Abbott
Delano, Grace

Jelliffe, Elizabeth May
Phipard, Leonora Elizabeth
Winter, John Joseph

Bachelor of arts. On the following 52 graduates of Adelphi College:

Allaire, Ruth
Blair, Leila Elizabeth
Brandt, Wilhelmine Sophie
Chapple, Louis Albert
Cinnamond, Helen Christiana
Commiskey, M. Agnes
Cone, Marion Chappell

Corcilus, Josephine
Cuevas, Rosalia del Pilar
Downs, Josephine Anais
Foster, Mabel
Frost, Madeleine Antoinette
Fulton, Mary Elizabeth
Geiss, M. H. Matilda

Griswold, Virginia Antoinette
 Guion, Bessie Rose
 Haaf, Johanna
 Haskins, Theresa Howard
 Hobbs, Alice Emily
 Hoschke, Louise Margaret
 Howell, Ethel May
 Hyde, Justus Chauncey
 Jaggi, Clara Jennie
 Kavanagh, Mary Elizabeth
 Kennedy, Alicia Maude
 Kipp, Ethel Margaret
 Lindlar, William
 Lyons, Marie Beynon
 Morison, Norma Gray
 Nevins, Nannie Russell
 Nichols, Ellen Elizabeth
 Patterson, Martha Judson
 Peck, Emily Seymour

Powell, Mary Emma
 Reilly, Edna Genevieve
 Rosenberg, Nettie
 Rowell, Ella Chapin
 Schnurr, Edith Winifred
 Schradieck, Margaret
 Stebbins, Delia Adams
 Stevens, Mary Sidney
 Tinney, Mary Catherine
 Townsend, May Edna
 Vimont, Louise Leonie
 Waldo, Ruth Fanshaw
 Walker, Emma
 Walker, Jennie
 Weeks, Marion Isabel
 Wendel, Corinne Rosalys
 Wickham, Laura Florence
 Wilcox, Jessie Eloise
 Wolferz, Helen Amalia

On the following graduate of Keuka College:

Lockhart, Cecile Buckbee

Bachelor of science. On the following three graduates of Keuka College:

Ball, Genevieve Kinney
 Colelli, Vincent Othello
 Maynard, Bert Ellis

Bachelor of science in civil engineering. On the following seven graduates of Thomas S. Clarkson Memorial School of Technology:

Ames, Jeremiah Leland
 Baker, Roy George
 Biche, Adrian James
 Mayhen, Valier
 Strough, Roscoe Perrin
 Walker, George Ernest
 Walker, Loy Ellsworth

On the following seven graduates of Mackenzie College, San Paulo, Brazil:

Cörner, Benjamin Jorge
 da Cunha, Joas Alves
 de Lima, Coriolano, jr
 Löfgren, Luiz Bruno
 Nogueira, Oscar de Andrade
 Ribeiro, Arthur Souto
 Ruffin, Julia Henrique

Bachelor of science in electrical engineering. On the following six graduates of Thomas S. Clarkson Memorial School of Technology:

Burch, Byron F.
 Buskirk, Edwin Roger
 Gorman, Lawrence Joseph
 McCullough, Lee William
 Morse, Bryan Woodward
 Scofield, Hervey Noble

Bachelor of divinity. On the following 26 graduates of Union Theological Seminary:

Aue, Charles Frederick
 Bailey, James Garfield
 Black, Archibald
 Blackwood, Irvin Aiken
 Chidley, Howard James
 Clements, Edgar Thomas

Coss, John Jacob
Emerson, Chester Burge
Goodwin, Edna
Graham, Dwight Worden
Haydn, Howell Merriman
Howe, Herbert Barber
Hunter, Graham Chambers
Jordan, Henry Nelson
Klein, Arthur J.
Luccock, Halford Edward

McClelland, George Hamilton
Miller, Robert Sanford
Moses, Joseph
Nasmith, Augustus Inglesbe
Pestke, Paul John Walter
Sally, Ashmun Clark
Steen, John Ewing
Thomas, David
Weber, Joseph John
Wells, Clarence Elmore

Doctor of medicine. On the following four graduates of New York Medical College and Hospital for Women:

Burlingame, Lillian M.
Rieger, Frances F.

Schultz, Augusta P.
Sullivan, Mary I.

Doctor of dental surgery. On the following 37 graduates of New York College of Dental and Oral Surgery:

Auspitz, Rudolph William
Blum, Charles
Carr, Lewis Henry
Chambers, Frank Leslie
Cigal, Leisor
Cordes, John H.
Curtis, Gertrude Elizabeth
De Camp, Charles Alexander
Eliowicz, Gilele
Goldman, David
Gordon, Abraham Isaac
Grosberg, Max Waldo
Hall, Rose
Herman, Ida Klupt
Horwitt, Rebecca
Klein, Julia Anna
Koob, Joseph John
Kreisberg, Benjamin
Kunstler, Isidore

Lerner, Louis
Lewis, Arthur William
Lunenfeld, Bernard
McKeever, Eleanor Martineau
McPhillips, Matthew Francis, A.B.
Pierson, Alfred Hammond
Rosenblume, Joseph
Rothenberg, Maurice Frederick
Schektman, Herman Nathaniel
Schneider, Esther
Schoen, David
Singer, Alexander Leslie
Soloff, Samuel
Starke, George Gonner
Sterling, Ferdinand Alfonso
Williams, Floyd Edward
Wright, George Henry
Yoder, Ralph Ernest, A.M.

On the following 76 graduates of the New York College of Dentistry:

Arkin, David Maurice
Asch, Jacob
Berger, Adolph
Blum, Henry
Both, Hans
Boughton, Arthur Herriot
Bronston, Samuel William
Browd, David Konstant, Ph.G.
Bruckheimer, Milton Phoebus
Brush, Roger Chauncey
Bugden, Frank Edward
Cohen, Joseph Maxwell
Corcoran, John Arthur
Feinberg, Arthur
Feitelson, Jacob
Feldman, Max Hillel
Feldman, Morris Henry
Finkelstein, Frank

Franken, Sigmund Walter Anthony
Fraunhar, Jacque
Goldin, Jacob Edward
Goldman, Aaron
Goldstein, Jacob William
Greenberg, Meyer
Greenstein, Jacob
Grossman, Jacob
Haight, David Germain
Haimowitz, Sigmund Sidney
Hermann, Jacob
Heyman, George Harrison
Hildebrant, William Lambert
Hochberg, Paul
Holzman, Sidney Henry
Horwitz, Solomon
Kantro, Jacob Maurice
Labin, Leon

Levine, Robert George
 Levitch, Samuel
 Lifshitz, Jacob Oscar
 Lindsay, Elmer Alvin
 London, Emanuel
 Lubliner, Leo Maurice
 Lustgarten, Benjamin Jacob
 Lyons, Maurice James
 Male, Hyman
 Margolis, Edward Horace
 Moreau, Henry Louis
 Miller, Fred
 Nadelson, Philip
 Needles, Carl
 Osofs, Morris Louis
 Palmer, Ray Sutherland, C.E.
 Pentz, James Bolton, M.D.
 Peters, John Louis
 Rachlin, John
 Ritter, Max

Rosenberg, Abraham
 Rosenblatt, Morris
 Rosenkranz, Harry
 Schneer, Jacob Bernard
 Schwarz, Jacob
 Schweitzer, Heinrich, M.D.
 Scudder, Harrison Vance
 Shapiro, Benjamin David
 Sheff, Samuel
 Singher, Alexandre
 Smorack, Samuel George
 Sobelman, Nathan
 Stavisky, Nathan Meyre
 Steinberg, Martin
 Steinberg, Solomon
 Tichenor, Walter Kemp
 Walker, Arthur Clifford
 Weissman, Eugene
 Wolff, William Henry
 Zametkin, Joel Michael

Bachelor of library science. On the following 11 graduates of the New York State Library School:

Blanchard, Linn R.
 Fay, Lucy E.
 Gillette, Fredericka B.
 Gray, Florence B.
 Hawkins, Emma Jean

Phipps, Gertrude E.
 Reed, Lois A.
 Roberts, Ethel D.
 Strong, George F.
 Wheeler, Joseph L.
 Wilson, Mabel Z.

LICENSES

Under the professional laws the Regents conducted examinations for admission to the practice of teaching, medicine, dentistry, veterinary medicine and optometry, for the registration of nurses and the certifying of public accountants at stated intervals during the year. The State Board of Law Examiners conducted examinations for admission to the bar and the State Board of Pharmacy for admission to the practice of pharmacy.

They also issued licenses under exemptions, which naturally diminish year by year.

During the year the Regents licensed as the results of State examinations: 559 physicians; 4 osteopaths; 145 dentists; 30 veterinary surgeons; 561 registered nurses; 48 certified public accountants; and 21 optometrists. They revoked the licenses of three, viz, Edward Conrad, Robert Ormsby and Francis Gray Blinn.

Under the exemptions of the various professional laws the Regents also licensed during the year 81 physicians, 1 osteopath, 58 dentists, 1 veterinary surgeon, 74 registered nurses, 1919 optometrists.

The licenses granted by the Regents during the year on examination and exemption follow in tabular form.

In the tables the candidates are given in three groups: group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries, with information regarding their education, preliminary and professional, their method of securing a license and the standings attained on examination.

The subordinate divisions of the information include the name and address of the applicant at the date of his application for admission to examination and the year of his birth. Under the heading "Preliminary education" the date of his matriculation in his professional school is given with the count value of his preparation as determined by the Department on (x) examination, (sx) examination on set subjects, or (eq) the equivalent on certificate, or (pq) on partial equivalent, certificate and examination. Under the heading "Professional education" the number of years of his professional course required by statute at the date of his matriculation is given with the date of his degree from the professional school. The method of licensing the candidate is given under the heading "Examinations," figures indicating the number of trials: (Ex) the full examination; (Px) partial; (Fx) final. The column headed "Month" gives the month in which the candidate was examined: J, January; F, February; M, May; Je, June; S, September; O, October. Under the heading "Minimum standing" is given the lowest standing attained in (A) anatomy; (C) chemistry; (D) diagnosis; (H) hygiene and sanitation; (H dental tables) histology; (O) obstetrics and gynecology; (O) operative dentistry; (Pa) pathology and bacteriology; (P) physiology; (Dp) prosthetic dentistry; (S) surgery, or (T) therapeutics and materia medica. An average of the standings attained in all subjects taken is given under the letters F, failed; P, passed, and H, honors. No applicant passes the examination whose standing falls below 75 per cent. In medicine, honors are given to students having 90 per cent or above in all of the required subjects; in dentistry and veterinary medicine, honors are given to students having 90 per cent in three fourths of the required subjects.

September 1, 1891, the medical statute required all persons to be licensed by the Regents unless previously registered and legally authorized, and subsequent statutes exacted the same of dentists and veterinarians. There are six methods of admission to medical practice in the State arising from the advancing requirements of

the medical practice act: (1) license on examination Ex; (2) by indorsement of license, IL (applicants examined and licensed by other state boards registered by the Regents as maintaining standards not lower than those provided by the statute); (3) by indorsement for eminence and authority, EA (the Commissioner on approval of the Regents may indorse a license or diploma of a physician that has reached a position of conceded eminence and authority in his profession); (4) by indorsement of diploma, ID (applicants that matriculated in a New York State medical school before June 5, 1890 and that received the degree from a registered medical school before August 1, 1895); (5) on recommendation of the State Board of Medical Examiners, Rec (to make valid imperfect registrations); (6) indorsement of a certificate, Ct (for registry in another county if such certificate clearly shows that the original registration was of an authority issued under seal by the Regents or if such certificate itself was indorsed by the Regents.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metric graded	Counts	Years	Degree				
NEW YORK SCHOOLS										
<i>Albany Medical College</i>										
Abbott, Edward J.	45 Elm st., Albany, N. Y.	70	S 05	60eq	4	09	Fx	M	87A	P
Aldrich, William D.	Wevertown, N. Y.	83	S 06	60pq	2	08	Fx	Je	77P	P
Alvares, Antonio M.	3 Madison pl., Albany, N. Y.	84	S 07	60pq	2	08	Fx	Je	87P	P
Barnet, Fred J.	Albany City Hosp., Albany, N. Y.	85	S 04	60pq	4	08	Ex	M	80C	P
Barth, William E.	Schaghticoke, N. Y.	87	S 04	60x	4	08	Ex	Je	77C	P
Bellin, Morris	80 Green st., Albany, N. Y.	87	S 05	60x	4	09	Ex	M	75D	P
Bouton, La Verne A.	Fultonville, N. Y.	87	S 07	60eq	2	08	Fx	M	83H	P
Burch, Milton G.	North Adams, Mass.	88	S 07	60eq	2	08	Fx	M	75C	P
		80	S 05	60eq	4	09	Ex	Je	67C	P
Conway, William F.	288 N. Pearl st., Albany, N. Y.	87	S 06	60x	4	09	Fx	M	86A	P
Cooke, Arthur G.	Hotel Stewart, Johnstown, N. Y.	84	S 06	60x	3	08	Fx	Je	78C	P
Drake, Harry H.	163 N. Allen st., Albany, N. Y.	76	S 05	60eq	4	09	Fx	M	75P	P
Drisc, Orla A.	480 Hudson av., Albany, N. Y.	80	S 05	60x	4	09	Ex	M	75P	P
Easton, Ray M.	North Adams, Mass.	87	S 07	60eq	2	08	Fx	M	87A	P
Fisk, Gilbert C.	1 Clinton sq., Albany, N. Y.	86	S 05	60pq	4	09	Fx	Ex	82C	P
Fleming, James W.	Faxton Hosp., Utica, N. Y.	81	S 03	60eq	5	08	Ex	M	75C	P
Fox, Walter C.	Lansingburg sta., Troy, N. Y.	87	S 07	60x	2	08	Fx	M	90A	P
Garlick, Frederick J.	Fall River, Mass.	87	S 07	60eq	2	08	Fx	M	76H	P
Gais, Louis Herbert.	304 Hamilton st., Albany, N. Y.	85	S 03	60pq	4	07	Ex	F	76P	P
Gifford, Bertram W.	Ivanhoe, N. Y.	81	S 07	60x	2	08	Fx	M	87C	P
Gillen, Henry B.	27 Walnut st., Cohoes, N. Y.	84	S 05	60x	4	09	Fx	M	70P	P
Gillespie, William B.	28 Amperson av., Saranac L., N. Y.	86	S 05	60x	4	09	Fx	Je	77P	P
		86	S 05	60x	4	09	Fx	Je	86C	P
Haswell, Eddy S.	347 Hudson av., Albany, N. Y.	86	S 05	60x	4	09	Fx	M	83P	P
Hazzall, James C.	Sheridan av., Troy, N. Y.	87	S 06	60pq	2	08	Fx	N	77C	P
Hewitt, Adelbert	424 E. 5th st., Brooklyn, N. Y.	46	68		1	69	Ct	N		
Holmes Thomas M.	Guilderland, N. Y.	82	S 05	60eq	4	09	Ex	Je	80C	P
Hunter, James R.	3278 6th av., Troy, N. Y.	78	J 00	60x	5	09	Ex	Je	77C	P
Johnson, Edward L.	Maline, N. Y.	68	S 88		3	91	Ct	Je		
Keating, Charles V.	Herbert st., Matteswan, N. Y.	84	S 05	60x	4	09	Fx	Ex	808	P
Kellert, Ellis	212 Clinton av., Albany, N. Y.	86	S 05	60eq	4	09	Ex	Je	790	P
Kelly, Charles J.	86 Elm st., Cortland N. Y.	81	S 05	60eq	4	09	Fx	M	82P	P
Kruecker, Frederick L.	305 Congress st., Troy, N. Y.	78	S 07	60x	2	08	Fx	M	75H	P
Krids, Arthur	Schenectady, N. Y.	88	S 07	60x	2	08	Fx	M	86C	P
McGillivuddy, James G.	40 Crandall st., Glens Falls, N. Y.	84	S 05	60x	4	09	Fx	M	75P	P
McGrath, Thomas A.	Gouverneur Hosp., N. Y. C.	87	S 05	60x	4	09	Ex	Je	75P	P
McKillop, Burlin G.	158 Dove st., Albany, N. Y.	81	S 05	60pq	4	09	Fx	M	78D	P
McShane, John J.	Springfield Center, N. Y.	88	S 06	60x	2	08	Fx	F	85H	P
		88	S 06	60x	2	08	Fx	M	57C	P
		86	S 06	60x	2	08	Fx	S	67C	P
Maxwell, Charles E.	Saratoga Springs, N. Y.	85	S 07	60x	2	08	Ex	Je	80C	P
		83	S 04	60x	4	08	Fx	Je	65A	P
Neuendorf, Frank M.	Albany, N. Y.	88	S 07	60eq	2	08	Fx	Je	76C	P
Neerling, Henry J.	114 Elm st., Albany, N. Y.	88	S 07	60x	2	08	Fx	M	82P	P
Nolan, David C.	234 Ontario st., Albany, N. Y.	76	J 02	60eq	4	06	Ex	M	75P	P
Palen, Neil B.	98 Chestnut st., Albany, N. Y.	82	S 04	60x	4	09	Fx	M	80P	P
		85	S 05	60x	4	09	Ex	Je	67C	P
Platt, Milton W.	123 N. Pearl st., Albany, N. Y.	87	S 04	60x	4	08	Fx	S	77P	P
Post, Ralph B.	38 Division st., Catskill, N. Y.	88	S 07	60x	2	08	Fx	M	77P	P
Quinlan, Francis B.	Glens Falls, N. Y.	85	S 07	60x	2	08	Fx	Je	79C	P
Rafferty, William F.	1211 Broadway, Reneselaer, N. Y.	87	S 07	60x	2	08	Ex	Je	75H	P
Rainey, John J.	312 Fourth st., Troy, N. Y.	84	S 04	60pq	4	08	Ex	Je	75H	P
Ratibon, William R.	Cooperstown, N. Y., R. F. D. 5	85	S 05	60x	4	09	Fx	M	70P	P
Riggs, Hiram B.	Canajoharie, N. Y.	84	S 07	60x	2	08	Fx	M	90A	P
Rivenburgh, Willard T.	Ghent, Col. co., N. Y.	86	S 05	60x	3	08	Fx	Je	75A	P
Russell, Clarence L.	46 Fourth st., Deposit, N. Y.	79	S 05	60eq	4	09	Fx	M	75P	P
Schleiermacher, Scott B.	Bloomingsburg, N. Y.	85	S 07	60x	2	08	Fx	M	87P	P
Senn, Emil J.	Schenectady, N. Y., R. F. D. 6	80	S 07	60pq	2	08	Fx	M	77C	P
Slater, Charles E.	Samaritan Hosp., Troy, N. Y.	87	S 05	60x	4	09	Fx	M	810	P
Snow, Frank S.	Palatine Bridge, N. Y.	67	S 88		3	89	Ct	O		
Staford, Patrick E.	200 W. 148th st., N. Y. C.	50	S 81		3	84	Ct	Ja		
Vaughan, Frederick E.	66 Third st., Gloversville, N. Y.	84	S 05	60x	4	09	Fx	M	840	P
Waterbury, Walter H.	Helmar av., Dolgoville, N. Y.	86	S 05	60x	4	09	Fx	M	870	P
Wells, Arthur E.	35 S. Lake av., Albany, N. Y.	80	S 07	60x	2	08	Fx	M	84H	P
Wingate, John T.	Princetown, N. Y.	81	S 04	60eq	4	08	Ex	M	75A	P
		83	S 07	60x	2	08	Fx	M	67C	P

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING		
			Preliminary		Professional		Examination	Month	Minimum	Average	
			Matriculated	Credits	Years	Degree					
NEW YORK SCHOOLS (continued)											
<i>College of Physicians and Surgeons</i>											
Arberman, Stephen H. Jr.	742 Union st., Brooklyn, N. Y.	85	S	07	60eq	2	...	Px	Je	81C	P
Adams, Phineas H.	18 Wall st., N. Y. C.	83	S	05	60eq	4	09	Fx	Je	81O	P
Alexander, H. go.	816 River st., Hoboken, N. J.	87	S	07	60eq	2	...	Fx	Je	81C	P
Allen, Theodore H.	Sloane Mat. Hosp., 59th st. & 10th av., N. Y. C.	81	S	03	60eq	4	07	Ex	Je	81C	P
Alling, Frederic A.	16 Park pl., Newark, N. J.	84	S	07	60eq	2	...	Px	Je	79C	P
Axelrad, Jacob	1246 41st st., Brooklyn, N. Y.	86	S	07	60eq	2	...	Fx	Je	82C	P
Ayres, Daniel R.	465 Park st., Upper Montclair, N. J.	80	S	03	60eq	4	08	Ex	S	80O	P
Baff, Max	62 Providence st., Worcester, Mass.	79	O	98	60eq	4	09	Ex	Je	76C	P
Barber, William H.	210 Rodney st., Brooklyn, N. Y.	86	S	07	60eq	2	...	Px	Je	75C	P
Barnett, Nathaniel	400 West End av., N. Y. C.	87	S	04	60eq	4	08	Fx	S	81P	P
Baumann, Oscar I.	338 E. 72d st., N. Y. C.	87	S	06	60eq	2	...	Px	S	84P	P
Benton, Nelson K.	188 N. 9th st., Newark, N. J.	83	S	05	60eq	4	09	Fx	Je	84P	P
Bessie, Abraham	542 W. 124th st., N. Y. C.	87	S	07	60eq	2	...	Px	Je	79P	P
Bloek, Alvin P.	87 W. 119th st., N. Y. C.	87	S	05	60pq	4	09	Fx	Je	75C	P
Blum, Hugo	20 Church st., New Brunswick, N. J.	85	S	05	60eq	4	09	Fx	Je	75A	P
Boire, Harry W.	400 Washington av., Brooklyn, N. Y.	82	S	02	60x	5	07	Ex	S	75P	P
Bradshaw, William M.	55 E. 72d st., N. Y. C.	83	S	05	60eq	4	09	Fx	Je	84O	P
Brown, H. Beattl.	243 Warburton av., Yonkers, N. Y.	62	S	87	...	3	90	Ct	Mr	...	...
Brownell, Everett G.	Roosevelt Hosp., W. 59th st., N. Y. C.	76	O	04	60eq	4	08	Fx	S	75C	P
Bruckhetmer, Ralph M.	22 Mt Morris Park W., N. Y. C.	89	S	07	60eq	2	...	Px	Je	80P	P
Bulkley, Kenneth	531 Madison av., N. Y. C.	85	S	05	60eq	4	09	Ex	Je	80C	P
...	...	84	S	05	60eq	4	09	Ex	Je	68C	P
Carlucci, Gaston A.	Bellevue Hosp., N. Y. C.	86	S	04	60eq	4	08	Fx	S	78A	P
Casper, Joseph	Sloane Mat. Hosp., 59th st. & Amsterdam av., N. Y. C.	81	O	02	60eq	4	06	Ex	S	83O	P
Class, Frankla M.	3 E. 73d st., N. Y. C.	81	O	03	60eq	4	07	Ex	Je	83P	P
Cohen, Ira	Anderson av. & 165th st., N. Y. C.	87	S	07	60eq	2	...	Px	Je	82C	P
Cohn, Sidney	2051 Belmont av., N. Y. C.	86	S	05	60eq	4	09	Fx	Je	79A	P
Coles, Johnathan A.	17 W. 39th st., N. Y. C.	43	65	...	...	3	88	ID	S	...	...
Comnorato, John R.	Jersey City Hosp., N. J.	85	S	04	60x	4	08	Fx	S	75P	P
De Passa, Alfred B. C.	506 E. 165th st., N. Y. C.	90	S	07	60eq	2	...	Px	Je	85A	P
Drennen, Wesley E.	141 W. 81st st., N. Y. C.	82	O	02	60eq	4	06	Ex	F	81O	P
Echevarria, Frederick J.	248 W. 74th st., N. Y. C.	85	S	05	60eq	4	09	Fx	Je	82P	P
Ehrenreich, Samuel	60 E. 101st st., N. Y. C.	87	S	05	60pq	4	09	Fx	Je	83D	P
Evans, Edward R.	Remsen, N. Y.	84	S	05	60eq	4	09	Ex	Je	80D	P
Evans, John H.	Montclair, N. J.	86	S	05	60eq	4	09	Ex	Je	78C	P
Evans, John Harry	Putnam, Ct., R. F. D. 1, care of William Babbitt	77	O	98	60eq	4	02	Ex	M	75C	P
Farrall, John R.	St Joseph's Hosp., Yonkers, N. Y.	83	S	04	60eq	4	08	Ex	S	75P	P
Feldman, Joel W.	428 E. 85th st., N. Y. C.	85	S	04	60eq	4	08	Ex	S	80C	P
Feldstein, George M.	162 Avenue C., N. Y. C.	84	S	06	60eq	2	...	Pr	S	84C	P
Folsom, Ralph P.	Manhat. State Hosp., Wards Ia., N. Y. C.	76	S	02	60eq	4	08	Ex	Je	78O	P
Foahay, J. Russell	1137 Cortland st., Peekskill, N. Y.	79	O	99	60x	4	09	Ex	Je	79C	P
Fowler, Robert H.	60 E. 68th st., N. Y. C.	84	O	05	60eq	4	09	Ex	Je	75C	P
Friedson, Morris	163 Stanton st., N. Y. C.	81	S	06	60eq	2	...	Pr	S	76C	P
Furst, Sidney	504 W. 151st st., N. Y. C.	82	S	03	60eq	4	08	Ex	F	79C	P
Goldberg, Abraham	522 Boulevard, Rockaway Beach, N. Y.	86	S	03	60x	5	08	Ex ²	F	75Pa	P
Goodwin, George M.	360 Richmond road, Tompkinsville, S. I.	87	S	07	60eq	2	...	Fx	Je	78C	P
Gordon, Donald	Tuxedo Hosp., Tuxedo, N. Y.	79	O	02	60pq	4	08	Ex	F	82C	P
Gossett, Abraham J.	Mountain Lake House, Venoge, N. Y.	86	O	05	60eq	4	09	Fx	Je	79H	P
Gras, Roderick V.	415 E. 126th st., N. Y. C.	85	S	07	60eq	2	...	Px	Je	76H	P
Greenberg, Louis	1135 46th st., Brooklyn, N. Y.	86	O	04	60eq	4	08	Fx	S	75P	P
Hale, Frasar jr.	33 S. Main st., Wallingford, Ct.	82	S	05	60eq	4	09	Ex	Je	78O	P
Harrington, James T.	Sloane Mat. Hosp., 59th st., N. Y. C.	77	O	02	60eq	4	06	Fx	F	75P	P
Heston, Dwight R. P.	St Luke's Hosp., N. Y. C.	84	S	05	60eq	2	...	Px	S	81C	P
Hofhelmer, Alexander	313 W. 106th st., N. Y. C.	85	S	05	60eq	4	C9	Fx	Je	83P	P
Jaavrin, Edmund R. P.	191 Madison av., N. Y. C.	84	S	05	60eq	4	09	Fx	Je	85P	P
Johnson, William C.	St Luke's Hosp., N. Y. C.	85	S	05	60eq	4	09	Fx	Je	87O	P

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metric-ulated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>College of Physicians and Surgeons (continued)</i>										
Knapp, Richard E.	450 W. 34th st., N. Y. C.	84	S 03	60eq	4	07	IL	D	.....	...
Knapp, Robert P.	167 Grand av., Saratoga Springs, N. Y.	85	O 05	60x	2	.....	Px	Je	83H	P
Kraus, Fletcher I.	12 Washington pl., East Orange, N. J.	85	S 05	60eq	4	09	Fx	Je	82P	P
Kudlich, Hans E.	153 W. 21st st., N. Y. C.	79	S 00	60eq	4	04	Ex	S	77A	P
Kutscher, Samuel	100 Broad st., Stapleton, N. Y.	85	S 05	60eq	4	09	Fx	Je	85P	P
Langer, John J.	1336 Washington av., N. Y. C.	86	S 05	60x	4	09	Fx	Je	75P	P
Lancworthy, H. T.	346 W. 57th st., N. Y. C.	85	S 07	60eq	2	.....	Px	Je	81C	P
La Vaka, Rae T.	81 O 02	81	O 02	60eq	5	07	Ex	Je	66C	P
Lavandera, Miguel	Hudson St. Hosp., N. Y. C.	83	S 05	60eq	4	09	Fx	Je	76C	P
Levin, Louis A. O.	254 Amherst st., E. Orange, N. J.	77	O 05	60eq	4	09	Ex	Je	75C	P
Lewis, Howard T.	22 E. 120th st., N. Y. C.	88	S 07	60eq	2	.....	Px	Je	86C	P
	N. Y. Post Grad. Hosp., 303 E. 20th st., N. Y. C.	80	O 02	60eq	4	06	Ex	S	79A	P
McCarthy, Charles A.	St Vincent's Hosp., 149 W. 11th st., N. Y. C.	84	S 04	60eq	4	08	Ex	M	75C	P
		76	O 98	60eq	4	02	Ex	Je	64P	F
Mc Lean, C. Stafford	Bellevue Hosp., ft. E. 26th st., N. Y. C.	85	S 04	60pq	4	08	Ex	S	75P	P
Mc Nulty, Edward T.	441 Mc Donough st., Brooklyn, N. Y.	81	O 02	60eq	4	06	Ex	S	77A	P
Mayer, Leo	Mt Sinai Hosp., 100th st. & Madison av., N. Y. C.	84	O 05	60eq	4	09	Ex	Je	880	P
Miller, Hyman R.	446 Willoughby av., Brooklyn, N. Y.	88	S 07	60eq	2	.....	Px	Je	77C	P
Moeckel, Carl R.	Harlem Hosp., 136th st. & Lenox av., N. Y. C.	81	O 03	60pq	4	07	Ex ²	F	75C	P
Monroe, Otho L.	New York Hosp., 7 W. 15th st., N. Y. C.	82	S 04	60eq	4	08	Fx	S	810	P
Moore, Francis W. jr.	403A Clinton st., Brooklyn, N. Y.	87	S 06	60eq	2	.....	Px	S	75A	P
Morris, Dudley H.	161 W. 87th st., N. Y. C.	84	S 05	60eq	4	09	Ex	Je	83P	P
Mott, Walter W.	166 W. 121st st., N. Y. C.	84	S 05	60eq	4	09	Ex	Je	83C	P
Pafford, Howard T.	238 Clinton st., Brooklyn, N. Y.	87	S 07	60eq	2	.....	Px	Je	76C	P
Pardee, Harold E. B.	74 W. 48th st., N. Y. C.	86	S 05	60eq	4	09	Fx	Je	790	P
Park, Edwards A.	175 E. 68th st., N. Y. C.	77	O 00	60eq	4	05	Ex	S	81C	P
Perkins, Edward C.	173 Warburton av., Yonkers, N. Y.	75	O 05	60eq	3	.....	Px	S	85C	P
Peterson, Leo S.	112 E. 85th st., N. Y. C.	87	S 07	60eq	2	.....	Px	Je	77P	P
Phelps, Gouverneur M.	Roosevelt Hosp., W. 59th st., N. Y. C.	86	S 02	60eq	4	07	Ex	S	76H	P
Phlips, Howard M.	East Rockaway, N. Y. C.	86	S 07	60eq	2	.....	Px	Je	76P	P
Popper, Joseph	Lebanon Hosp., N. Y. C.	86	S 05	60pq	4	09	Fx	Je	80C	P
Porter, Charles H. jr.	Gen'l Mem. Hosp., 2 W. 106th st., N. Y. C.	71	S 04	60eq	4	08	Fx	M	86P	P
Quinn, Charles M.	410 18th av., Milwaukee, Wis.	82	O 00	60eq	5	05	Ex	S	75A	P
Rainford, Lawrence F.	Roosevelt Hosp., W. 59th st., N. Y. C.	80	S 05	60eq	4	09	Fx	Je	820	P
Ramsdell, Edwin G.	Presbyterian Hosp., Madison av. & 70th st., N. Y. C.	86	S 04	60eq	4	08	Ex	F	83D	P
Rice, Frederick W.	Bellevue Hosp., N. Y. C.	80	S 02	60eq	4	06	Ex	S	79C	P
Robert, Daniel R.	97 Columbia Heights, Brooklyn, N. Y.	85	S 07	60eq	2	.....	Px	Je	75A	P
Roome, Clarence T.	Presbyterian Hosp., 41 E. 70th st., N. Y. C.	79	O 04	60eq	4	08	Fx	S	80P	P
Rosensohn, Meyer	21 W. 116th st., N. Y. C.	82	S 05	60eq	4	09	Fx	Je	84P	P
Rosenthal, Leo B.	1111 Madison av., N. Y. C.	84	S 05	60eq	4	09	Fx	Je	76P	P
Schaeffer, Samuel	450 W. 34th st., N. Y. C.	84	S 04	60eq	4	08	Ex ²	S	80C	P
Schae, Milton	125 W. 115th st., N. Y. C.	88	S 05	60eq	4	09	Fx	Je	75C	P
Sibbel, Armin J.	German Hosp., Buffalo, N. Y.	84	S 04	60eq	4	08	Ex	F	90A	H
Spalding, Alfred M.	419 W. 145th st., N. Y. C.	87	M80	.....	3	83	Ct	M	.....	.....
Steiner, Stanley H.	75 W. 183d st., N. Y. C.	84	S 05	60eq	4	09	Fx	Je	75S	P
Stiebeling, Alfred H.	250 9th av., Long Island City, N. Y.	80	S 79	.....	4	83	Ct	D	.....	.....
Sutton, Walter S.	Roosevelt Hosp., W. 59th st., N. Y. C.	77	S 98	60eq	6	07	Ex	S	85C	P
Swann, Arthur W.	Roosevelt Hosp., W. 59th st., N. Y. C.	80	O 03	60eq	4	07	Fx	S	84P	P
Te Gussinklo, William	81 4th av., N. Y. C.	72	O 01	60x	5	06	Ex	Je	76P	P
Ten Brook, Glen J.	Rockville, Park co., Ind.	77	S 04	60eq	4	08	Fx	F	75P	P
Vaughan, John C.	Presbyterian Hosp., 70th st. & Madison av., N. Y. C.	75	O 01	60x	4	07	Ex	Je	75P	P
Vermilye, Robert M.	34 Gramercy park, N. Y. C.	79	O 02	60eq	4	06	Ex	S	76C	P
		84	S 07	60eq	2	.....	Px	Je	45C	F

Physicians licensed and examinations, Aug. 1, 1908-July 31, 1909 (continued)
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>College of Physicians and Surgeons (concluded)</i>										
Wade, Simon F.	Hackettstown, N. J.	82	S 05	60eq	4	09	Fx	Je	780	P
Walker, John W.	431 Hopkins av., Astoria, L. I.	80	O 01	60r	5	09	Ex	Je	75P	P
Ward, Mark H.	129 W. 84th st., N. Y. C.	84	S 07	60eq	2	...	Fx	Je	83C	P
Wessler, Harry	40 W. 127th st., N. Y. C.	84	S 04	60eq	4	08	Fx	M	86C	P
Woodrige, James C.	Bellevue Hosp., N. Y. C.	83	N 02	60r	5	...	Pr	S	84C	P
Wronker, Benno M.	281 W. 127th st., N. Y. C.	77	O 02	60eq	4	08	Ex	S	82P	P
Wurthmann, John W.	1166 First av., N. Y. C.	86	S 05	60eq	4	09	Fx	Je	75A	P
			S 07	60pp	2	...	Fx	Je	85C	P
<i>Cornell University, Medical College</i>										
Adler, Isidor	1090 Broadway, Buffalo, N. Y.	88	O 07	60r	2	...	Fx	Je	90A	P
Anderson, Victor W.	307 E. 158th st., N. Y. C.	87	O 04	60r	5	09	Fx	Je	77P	P
Arnold, Edward A.	518 9th av., N. Y. C.	87	S 04	60eq	4	08	Fx	Je	83A	P
Artell, Clayton M.	49 Main st., Deposit, N. Y.	86	S 05	60r	4	09	Fx	Je	78P	P
Baker, Davis	N. Granville, N. Y., Box 35	84	S 05	60r	4	09	Fx	Je	75D	P
Baker, James E.	1238 50th st., Brooklyn, N. Y.	86	S 06	60r	3	...	Fx	Je	85P	P
Baker, Valentine C.	Ballston Spa, N. Y.	86	S 05	60r	4	09	Fx	Je	840	P
Baldwin, Francis W.	440 E. 139th st., N. Y. C.	86	S 03	60pp	4	07	Ex	S	82H	P
Banker, George T.	1156 E. Jersey st., Elizabeth, N. J.	82	O 07	60pp	2	...	Fx	Je	76C	P
Beets, Silas F.	12 Elm pl., Flushing, N. Y.	76	S 05	60eq	4	09	Ex	Je	840	P
Berger, Edward L.	Jewish Hosp., St Mark's & Classen av., Brooklyn, N. Y.	87	S 05	60pp	4	09	Fx	Je	76C	P
Berkovits, Samuel	12 N. Main st., Paterson, N. J.	89	O 07	60eq	2	...	Fx	Je	87P	P
Blum, Samuel G.	131 Manhattan av., Brooklyn, N. Y.	86	S 05	60pp	4	09	Fx	Je	78P	P
Borst, Roscoe C.	Seward, N. Y.	88	S 07	60pp	2	...	Fx	Je	75C	P
Bower, Jacob	584 E. 165th st., N. Y. C.	87	S 05	60r	4	09	Fx	Je	79C	P
Breglia, John E.	630 E. 222d st., N. Y. C.	87	S 05	60eq	4	09	Ex	Je	83C	P
Breitman, Charles	156 Vernon av., Brooklyn, N. Y.	88	S 06	60eq	2	...	Fx	S	75C	P
Budington, Harold F.	Mattewan State Hosp., Fishkill-on-Hudson, N. Y.	87	O 05	60eq	4	09	Fx	Je	85D	P
Cohen, Henry J.	63 E. 7th st., N. Y. C.	87	S 04	60r	4	08	Fx	Je	840	P
Darvas, Margarete	949 College av., Bronx, N. Y. C.	86	O 07	60eq	2	...	Fx	Je	80C	P
Deniston, Frank	19 W. 121st st., N. Y. C.	86	S 05	60pp	4	09	Fx	Je	77P	P
Dowdle, Edward	41 E. 7th st., Oswego, N. Y.	87	O 05	60r	4	09	Fx	Je	77P	P
Dudley, Helen	103 State st., Brooklyn, N. Y.	86	O 07	60eq	2	...	Fx	Je	83C	P
Durand, Albert C.	921 E. State st., Ithaca, N. Y.	79	S 05	60eq	4	09	Fx	Je	830	P
Farnell, Frederic J.	Manhattan State Hosp., Wards Is., N. Y.	85	S 04	60eq	4	08	Ex	F	76C	P
Feldstein, Bernard	2564 8th av., N. Y. C.	86	O 05	60pp	4	09	Fx	S	830	P
Franklin, Albert V.	471 W. 145th st., N. Y. C.	84	O 07	60eq	2	...	Fx	Je	81C	P
Friedman, Jesse D.	1851 Fulton st., Brooklyn, N. Y.	88	S 07	60eq	2	...	Fx	Je	83P	P
Glanville, William E.	109 N. st., Auburn, N. Y.	88	O 07	60eq	2	...	Fx	Je	82C	P
Goldstein, William	2153 Hughes av., N. Y. C.	88	S 05	60r	4	09	Fx	Je	840	P
Gould, Lewis A.	Interlaken, N. Y.	87	S 04	60r	4	08	Ex	S	76C	P
Graham, John C.	Meth. Epis. Hosp., Brooklyn, N. Y.	87	S 05	60r	4	09	Fx	Je	75D	P
Graves, Gaylord W.	12 Pine st., Binghamton, N. Y.	84	O 04	60r	4	08	Fx	S	85A	P
Greene, Albert D.	Upper Main st., Fort Plain, N. Y.	87	S 05	60r	4	09	Fx	Je	75P	P
Grossman, Jacob	1384 Clinton av., N. Y. C.	86	S 06	60pp	3	...	Fx	Je	81H	P
Hoag, Arthur E.	Bellevue Hosp., 20th st. & 1st av., N. Y. C.	85	S 04	60r	4	08	Fx	S	800	P
Hoenig, Edward	324 E. 84th st., N. Y. C.	82	S 06	60r	2	...	Fx	S	93H	P
Holton, Walter B.	170 Grove st., Montclair, N. J.	86	S 05	60eq	4	09	Fx	Je	77P	P
Hopkins, Richard T.	831 Sandford av., Flushing, N. Y.	83	S 04	60r	4	09	Ex	Je	810	P
Howell, William L.	LeRoy, N. Y.	86	S 06	60r	2	...	Fx	S	83C	P
Isquith, John H.	127 Harrison av., Brooklyn, N. Y.	88	S 05	60eq	4	09	Fx	Je	85D	P
Jablons, Benjamin	185A Vernon av., Brooklyn, N. Y.	86	S 04	60r	4	08	Fx	S	84H	P
Jacobowitz, Adolph	638 E. 9th st., N. Y. C.	88	S 05	60eq	4	09	Fx	Je	880	P
Kahn, Max	151 Avenue B., N. Y. C.	87	S 05	60pp	3	...	Fx	S	88A	P
Kahn, Morris H.	115 2d st., N. Y. C.	88	S 05	60pp	4	09	Fx	Je	90A	P
Kanouse, George E.	Hackettstown, N. J.	82	O 4	60eq	4	09	Ex	Je	75C	P
Kearna, Thomas J.	N. Y. Post. Grad. Hosp., N. Y. C.	81	S 02	60eq	4	06	Ex	F	75C	P
Krugler, Wallace	St Vincent's Hosp., 147 W. 11th st., N. Y. C.	87	S 04	60pp	4	08	Ex	F	850	P
Langrock, Edwin G.	1812 Lexington av., N. Y. C.	86	S 05	60pp	4	09	Fx	Je	76H	P
Lee, William F.	87 Alexander st., Rochester, N. Y.	84	S 07	60r	2	...	Fx	Je	81C	P
Lichtenstein, Percy M.	863 E. 164th st., N. Y. C.	87	S 05	60pp	2	...	Fx	S	76C	P

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>Cornell University, Medical College (concluded)</i>										
Luftig, Jacob.....	508 E. 4th st., Kensington, Brooklyn, N. Y.	89	S 06	60eq	2		Px	S	77C	P
Mc Combs, Carl E.....	Hempstead, N. Y.	83	S 05	60x	4	09	Ex	Je	83C	P
Marah, Edward H.....	448 9th st., Brooklyn, N. Y.	86	O 05	60eq	4	09	Px	Je	75A	P
Martin, Arthur C.....	Boston City Hosp., Harrison av. S. E., Boston, Mass.	87	S 03	60x	4	07	Ex	F	80A	P
Martin, Arthur H.....	88 Chestnut st., Cooperstown, N. Y.	82	S 02	60x	4	06	Ex	Je	78P	P
Martin, Mabel A.....	157 Robinson st., Binghamton, N. Y.	81	S 07	60pq	2		Px	Je	82C	P
Mattick, Walter L.....	418 Front av., Buffalo, N. Y.	85	S 07	60x	2		Px	Je	90A	P
Mallen, Stanley H.....	Catakill, N. Y.	85	S 07	60x	2		Px	Je	82P	P
Mueller, Carl H. Jr.....	743 Bushwick av., Brooklyn, N. Y.	89	S 07	60eq	2		Px	Je	78C	P
Olitaky, Peter K.....	Har Moriah Hosp., 138 2d st., N. Y. C.	85	O 05	60pq	4	09	Fx	Je	79P	P
Orth, Rudolph D.....	Blauvelt, Rockland co., N. Y.	87	S 05	60x	4	09	Fx	Je	80Pa	P
Pierson, Farrand B.....	Lying-in Hosp., 2d av. & 18th st., N. Y. C.	76	S 99	60eq	4	09	Fx	Je	85A	P
Ratnof, Hyman L.....	Kingston Av. Hosp., Brooklyn, N. Y.	82	S 02	60x	4	06	Ex	S	840	P
Redding, Charles J. V.....	477 2d av., N. Y. C.	79	S 04	60x	4	08	Ex	S	840	H
Redly, Daniel R.....	137 Bushwick av., Brooklyn, N. Y.	85	S 03	60x	4	07	Ex	S	79C	P
Rein, Leopold.....	595 Sutter av., Brooklyn, N. Y.	85	S 07	60eq	2		Px	Je	84P	P
Roohan, James F.....	Saratoga Springs, N. Y.	88	S 07	60x	2		Px	Je	78H	P
Rullison, Elbert T. jr.....	151 E. 33d st., N. Y. C.	84	O 05	60eq	4	09	Fx	Je	88P	P
Sacco, Anthony G.....	119 B. 7th av., Long Branch, N. J.	88	S 07	60eq	2		Px	Je	75C	P
Schlegman, Saul.....	118 Orchard st., N. Y. C.	86	O 05	60pq	4	09	Fx	Je	83P	P
Scherr, Herman E.....	101 W. 112th st., N. Y. C.	89	O 06	60pq	3		Px	Je	83P	P
Sentagiaglia, Giacomo A.....	Grounds Lane, Nyack, N. Y.	88	S 05	60x	4	09	Ex	Je	800	P
Simpson, Reuben S.....	Bellevue Hosp., 26th st. & 1st av., N. Y. C.	81	O 04	60x	4	09	Fx	Je	78P	P
Smith, Edmonde B.....	901 Sterling pl., Brooklyn, N. Y.	87	S 05	60x	4	09	Ex	Je	850	P
Spitzer, Harry.....	18 1st av., N. Y. C.	82	S 04	60x	2		Px	S	75H	P
Tran, Irving.....	29 W. 19th st., N. Y. C.	87	O 05	60eq	4	09	Fx	Je	82P	P
Van Marter, James H.....	Newfield, N. Y.	87	S 05	60x	4	09	Fx	Je	79C	P
Ware, John S.....	Tompkinsville, N. Y.	86	S 05	60eq	3		Px	S	79C	P
Weber, Salo.....	210 E. 60th st., N. Y. C.	84	S 04	60eq	5	09	Ex	Je	78H	P
Willard, Luvia M.....	East Angus, Quebec, Can.	82	S 05	60pq	4	09	Fx	Je	78P	P
Wilson, May G.....	53d st., Bensonhurst, B'klyn, N. Y.	90	O 07	60eq	2		Px	Je	76C	P
Wolf, Charles.....	3 E. 109th st., N. Y. C.	87	S 05	60eq	4	09	Px	Je	84C	P
Wolf, Solon C.....	19 W. 111th st., N. Y. C.	88	O 06	60eq	3		Px	Je	91A	P
Yum, William.....	86 Lewis st., N. Y. C.	87	S 05	60eq	4	09	Fx	Je	82C	P
<i>Eclectic Medical College</i>										
Abramowitz, Benjamin.....	143 Orchard st., N. Y. C.	84	O 05	60x	4	09	Fx	Je	79P	P
Canita, Paul A.....	1085 Lexington av., N. Y. C.	61	S 05	60eq	4	09	Fx	Je	79Pa	P
Cohen, Joseph.....	323 E. 26th st., N. Y. C.	77	g 96	15x	4	09	Fx	Je	790	P
Dodge, Clarence I.....	Schroon River, N. Y.	57	O 79		3	84	Ct	Ap		P
Favorini, Attilio.....	519 Broom st., N. Y. C.	85	S 05	60x	4	09	Fx	Je	75Pa	P
Fine, Samuel J.....	461 Bushwick av., Brooklyn, N. Y.	75	S 04	60x	4	09	Ex	Je	750	P
Fried, Herman.....	319 E. 85th st., N. Y. C.	81	S 99	60pq	4	08	Ex	S	79C	P
Greenberg, Sarah D. E.....	86 Throop av., Brooklyn, N. Y.	84	S 04	60x	4	08	Fx	S	75C	P
Grell, Cecelia L.....	5 Monticello av., Jersey City, N. J.	72	S 06	30x	2		Px	F	75A	P
.....		76	D98	30x	2		Px	F	55C	F
.....		68	S 04	60x	5	09	Fx	Je	51S	F
Krupp, George.....	70 E. 117th st., N. Y. C.	70	S 07	60x	2		Px	Je	82C	P
Lieberman, Joseph.....	86 E. 113th st., N. Y. C.	70	S 05	60x	4	09	Fx	Je	75A	P
Monk, Louis.....	2322 2d av., N. Y. C.	76	S 07	60x	2		Px	Je	82P	P
Rusicker, Oscar J.....	593 Bushwick av., Brooklyn, N. Y.	76	S 95	30x	4	09	Fx	Je	75P	P
Schaffer, Stella.....	208 E. Broadway, N. Y. C.	87	S 04	60pq	4	08	Fx	S	75A	P
Silverberg, Samuel.....	1494 Flatbush av., Brooklyn, N. Y.	84	S 07	60x	2		Px	Je	78H	P
von Unruh, Victor.....	182 E. 57th st., N. Y. C.	60	S 07	60eq	2		Px	Je	76P	P

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Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Courses	Years	Degrees				
NEW YORK SCHOOLS (continued)										
<i>Fordham University School of Medicine</i>										
Arena, John.....	2070 Crotona av., N. Y. C.....	78	O 06	60pq	2	.....	Fx	S	75H	P
Daly, Peter T.....	2410 Crotona av., N. Y. C.....	87	S 06	60pq	2	.....	Fx	S	77C	P
Ennis, William M.....	31 1st pl., Brooklyn, N. Y.....	88	S 06	60eq	2	.....	Fx	S	77P	P
Flagg, Paluel J.....	St Joseph's Hosp., Providence, R. I.....	86	S 05	60x	4	00	Fx	Je	80C	P
Geyser, Frank R.....	Spring Lake, N. J.....	83	S 03	60x	4	00	Fx	Je	80P	P
Goldblatt, Louis L.....	Lebanon Hosp., Westchester av., N. Y. C.....	87	S 04	60pq	5	09	Fx	Je	80D	P
Grimley, John G. J.....	33 E. 200th st., N. Y. C.....	81	S 05	60eq	4	00	Ex	Je	75C	P
Grossman, Morris.....	958 Lexington av., N. Y. C.....	81	S 05	60x	4	00	Fx	Je	79P	P
Landesman, Harry.....	42 W. 114th st., N. Y. C.....	87	S 05	60pq	4	00	Fx	Je	80C	P
Moses, August H.....	3320 Berker av., Williamsbridge, N. Y.....	83	S 05	60eq	4	00	Fx	Je	75P	P
Nagorsky, Louis.....	333 E. 6th st., N. Y. C.....	82	S 05	60x	2	.....	Px	S	79C	P
Newman, David.....	695 E. 165th st., N. Y. C.....	85	S 03	60pq	6	09	Fx	Je	79P	P
Radda, Jaroslav.....	433 E. 117th st., N. Y. C.....	73	O 03	60x	6	00	Ex	Je	75C	P
Schnackenberg, Karl.....	437 Amsterdam av., N. Y. C.....	73	S 07	60x	2	.....	Px	Je	83P	P
Unger, Max.....	102 Avenue B., N. Y. C.....	85	S 04	60eq	5	00	Ex	Je	81O	P
Vier, Henry J.....	White Plains, N. Y.....	90	S 06	60eq	2	.....	Px	Je	77P	P
<i>Long Island College Hospital</i>										
Alofsin, Louis M.....	French Hosp., 450 W. 34th st., N. Y. C.....	83	S 03	60eq	4	07	Ex	S	75A	P
Aitken, Lawrence T.....	169 Bergen st., Brooklyn, N. Y.....	84	O 04	60eq	4	08	Fx	F	77A	P
Bell, Charles E. A.....	153 Valley st., S. Orange, N. J.....	80	S 02	60eq	4	06	Ex	M	78C	P
Betowaki, Paul E.....	Waverly, N. Y.....	81	O 02	60x	5	07	Ex	S	75S	P
Browne, Waldemar T.....	225 Monroe st., Brooklyn, N. Y.....	74	S 05	60pq	4	00	Ex	Je	75C	P
Brownell, Clifford W.....	62 Livingston st., Brooklyn, N. Y.....	84	O 06	60x	2	.....	Px	F	85C	P
Buntin, Noah.....	158 S. 2d st., Brooklyn, N. Y.....	76	O 04	60x	4	08	Fx	F	75H	P
Bushman, Abraham L.....	216 E. Broudryn, N. Y. C.....	86	S 03	60x	5	08	Fx	F	82O	P
Campbell, William.....	27 Corona av., Corona, N. Y.....	79	S 05	60x	4	09	Fx	Je	78P	P
Carey, John J. N.....	598 11th st., Brooklyn, N. Y.....	82	O 04	60eq	4	08	Ex	Je	75A	P
Carr, Robert H. jr.....	36 Franklin st., Brooklyn, N. Y.....	84	O 04	60x	5	09	Ex	Je	81C	P
.....	.....	82	S 03	60pq	6	00	Fx ²	Je	65S	P
.....	.....	80	O 04	60x	4	09	Ex	Je	84O	P
.....	.....	76	O 00	60eq	4	07	Ex ²	S	75A	P
Cohn, Oscar.....	94 15th st., Brooklyn, N. Y.....	80	O 04	60x	4	09	Ex	Je	81C	P
Collins, James J.....	S. Amboy, N. J.....	76	O 00	60eq	4	07	Ex ²	S	75A	P
Conolly, Joseph B.....	St Catherine's Hosp., Bushwick av., Brooklyn, N. Y.....	86	O 05	60eq	4	09	Fx	Je	75P	P
Davis, Thomas G.....	471 E. 145th st., N. Y. C.....	83	O 02	60pq	5	07	Ex	S	83O	P
de Larralde, Pedro J.....	471 First st., Brooklyn, N. Y.....	80	O 04	60x	4	08	Fx	F	80A	P
De Sanctis, Nicholas M.....	125 Thompson st., N. Y. C.....	85	O 04	60x	4	09	Fx	Je	77A	P
.....	.....	78	O 04	60x	4	09	Fx ²	Je	70D	P
Donahue, William J. A.....	L. I. Coll. Hosp., Brooklyn, N. Y.....	83	O 04	60eq	5	09	Ex	Je	75C	P
D'Oronzo, Joseph B.....	2 W. 134th st., N. Y. C.....	86	O 04	60x	4	09	Fx	Je	78P	P
Douglas, Wallace C.....	Faxon Hospital, Utica, N. Y.....	83	O 04	60x	4	08	Fx	S	75P	P
.....	.....	86	S 04	60pq	4	08	Pr	Je	68P	F
Drigman, Cornelius.....	Bethel, N. Y.....	69	85	.....	3	91	Ch	N	.....	.....
Dukeshire, Phares J.....	L. I. Coll. Hosp., Brooklyn, N. Y.....	86	O 05	60eq	4	09	Ex	Je	79P ²	P
Eccles, David C.....	191 Denn st., Brooklyn, N. Y.....	76	O 06	60eq	2	.....	Pr	Je	87C	P
Engel, William.....	390 Bergen st., Brooklyn, N. Y.....	87	O 05	60pq	4	00	Ex	Je	80C	P
Forstler, Mathias P.....	258 Jefferson st., Brooklyn, N. Y.....	82	O 03	60x	4	07	Fx	S	81P	P
Flaber, Henry A.....	1177 Jefferson av., Brooklyn, N. Y.....	86	O 05	60eq	4	09	Fx	Je	788	P
.....	.....	85	O 05	60pq	4	09	Ex	Je	64C	P
.....	.....	83	O 03	60pq	4	07	Ex	S	80P	P
Friedland, Henry S.....	530 Bushwick av., Brooklyn, N. Y.....	88	O 06	60eq	2	.....	Pr	S	87P	P
Fritz, Albert R.....	827 Lafayette av., Brooklyn, N. Y.....	88	O 06	60eq	2	.....	Pr	S	84C	P
Golstein, Hyman.....	14 Clinton av., N. Y. C.....	88	O 05	60x	3	.....	Pr	S	87P	P
Gordon, Murray B.....	1532 Madison av., N. Y. C.....	86	S 03	60x	5	08	Fx	F	77C	P
.....	.....	82	O 03	60eq	5	08	Ex	M	58C	F
Gmy, Robert H.....	St Mary's Hosp., Brooklyn, N. Y.....	85	O 05	60eq	4	09	Fx	Je	80H	P
Hallman, Joseph D.....	29 Leferts av., Richmond Hill, L. I.....	86	O 04	60x	4	03	Fx	S	75P	P
.....	.....	83	O 02	60x	5	07	Ex	Je	69P	F
Henn, Ferdinand P.....	Workhouse Hosp., Blackwells Is., N. Y.....	83	M 03	60eq	5	08	Ex ²	M	75A	P
.....	.....	82	S 05	60x	5	09	Fx	Je	76P	P
Herbert, William jr.....	243 Fourth st., Jersey City, N. J.....	78	S 02	60eq	5	07	Ex ²	F	75A	P
Hoeffing, Gustave C.....	450 E. 138th st., N. Y. C.....	78	S 02	60eq	5	07	Ex ²	F	75A	P
Hoffman, Florentine M.....	Kingston av. Hosp., Brooklyn, N. Y.....	86	O 05	60eq	4	00	Pr	Je	82C	P
Howe, Arthur J. P.....	211 Congress st., Brooklyn, N. Y.....	83	O 03	60eq	4	00	Pr	Je	83H	P
Jackson, Jerome M.....	130 E. 79th st., N. Y. C.....	86	O 04	60pq	4	08	Fx	Je	76S	P

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING		
			Preliminary		Professional		Examination	Month	Minimum	Average	
			Matriculated	Courses	Years	Degree					
NEW YORK SCHOOLS (continued)											
<i>Long Island College Hospital (continued)</i>											
Jacobstein Meyer.....	1460 Broadway, Brooklyn, N. Y.	72	O 94	25x	2	09	Fx	S	F	75P	P
Jacoby, Max.....	228 E. 6th st., N. Y. C.	83	O 06	60pq	6	00	Fx	S	F	84A	P
Karp, David H.....	Monmouth Mem. Hosp., Long Branch, N. J.	83	O 04	60x	4	08	Fx	S	F	80P	P
Keyes, Stanley J.....	310 E. 163d st., N. Y. C.	83	N 02	60pq	5	08	Ex	Je	Je	76C	P
Kingston, William H.....	Seaside Home, Surf av., Coney Is., N. Y.	80	O 05	60eq	4	09	Ex	Je	S	76A	P
Klein, Abraham.....	223 Clermont av., Brooklyn, N. Y.	83	S 03	60eq	4	07	Ex	S	S	78D	P
Klein, William.....	736 E. 8th st., N. Y. C.	89	O 06	60x	2	00	Pr	S	S	76P	P
Klepper, Julius I.....	1237 Putnam av., Brooklyn, N. Y.	81	O 05	60pq	4	00	Fx	Je	Je	75P	P
Knoller, M. Malcolm.....	246 Schermerhorn st., B'klyn, N. Y.	86	O 05	60x	4	09	Ex	Je	Je	75P	P
Leonhardt, Herbert H.....	81 Williams av., Brooklyn, N. Y.	83	O 05	60x	4	09	Ex	S	F	78C	P
Levine, Isidor.....	176 Montrose av., Brooklyn, N. Y.	84	O 05	60pq	2	20	Pr	S	S	75C	P
Levitau, Michael.....	Children's Hosp., Randall's Is., N. Y.	83	O 03	60x	4	08	Fx	S	F	75P	P
Lewis, Shermon L.....	554 W. 165th st., N. Y. C.	85	S 04	60eq	4	08	Fx	S	S	76P	P
Lupo, Michael G.....	674 Union st., Brooklyn, N. Y.	83	O 04	60eq	4	08	Ex	F	F	76P	P
Lynch, Thomas A.....	327 8th st., Brooklyn, N. Y.	84	O 04	60pq	4	08	Ex	Je	Je	75C	P
McCreety, Charles L.....	1165 Boston road, N. Y. C.	86	S 05	60eq	4	09	Ex	Je	Je	80P	P
McGuire, William H.....	267 Quincy st., Brooklyn, N. Y.	84	S 04	60eq	4	08	Ex	S	S	75A	P
McLellan, George A.....	63 Park av., E. Orange, N. J.	86	O 05	60eq	4	09	Fx	Je	S	77C	P
Maggio, Liborius F.....	176 Montrose av., Brooklyn, N. Y.	87	O 06	60pq	2	00	Fx	S	F	76C	P
Mattoe, James E.....	145 Sullivan st., N. Y. C.	86	O 04	60pq	4	08	Fx	F	F	76P	P
Mats, Philip B.....	Penitentiary Hosp., Blackwells Is., N. Y.	85	O 03	60x	4	07	Ex	S	F	830	P
Maver, William W.....	182 Arlington av., Jersey City, N. J.	86	O 05	60eq	4	09	Fx	Je	Je	79P	P
Metchner, Frederick H.....	14 Tompkins pl., Brooklyn, N. Y.	86	S 05	60x	4	09	Fx	Je	Je	76P	P
Mandala, Morris.....	157 Harrison av., Brooklyn, N. Y.	86	S 04	60eq	5	09	Fx	Je	Je	81C	P
Menger, Louis C.....	430 Pulaaki st., Brooklyn, N. Y.	87	O 06	60pq	2	00	Fx	S	S	83C	P
.....	.....	84	O 05	60eq	4	09	Ex	Je	Je	86P	F
.....	.....	87	S 04	60x	4	08	Ex	Je	Je	86P	F
.....	.....	84	O 05	60eq	4	09	Ex	S	F	81H	P
.....	.....	85	O 05	60eq	4	09	Ex	Je	Je	85C	P
.....	.....	84	O 06	60x	3	92	ID	Je	Je	80C	P
.....	.....	88	O 07	60pq	2	00	Fx	F	F	75A	P
.....	.....	48	O 05	60eq	4	09	Ex	Je	Je	78A	P
.....	.....	87	O 05	60pq	4	09	Ex	Je	Je	75C	P
.....	.....	84	S 03	60x	4	09	Fx	F	F	80D	P
.....	.....	85	O 04	60eq	4	08	Fx	M	S	76P	P
.....	.....	81	S 01	60eq	4	08	Ex	Je	Je	820	P
.....	.....	87	O 05	60eq	4	09	Ex	Je	Je	77C	P
.....	.....	85	O 04	60x	4	08	Ex	S	S	84C	P
.....	.....	79	O 02	60eq	4	07	Ex	S	S	800	P
.....	.....	87	S 03	60pq	5	08	Ex	F	F	79P	P
.....	.....	83	O 04	60x	4	09	Fx	Je	Je	800	P
.....	.....	88	O 05	60pq	4	09	Fx	Je	Je	87C	P
.....	.....	75	O 05	60x	4	09	Ex	Je	Je	700	P
.....	.....	77	O 04	60pq	4	09	Fx	M	F	76C	P
.....	.....	87	O 05	60x	4	09	Ex	Je	Je	76P	P
.....	.....	88	O 06	60x	2	00	Pr	S	S	79C	P
.....	.....	82	O 03	60x	4	09	Fx	Je	Je	75A	P
.....	.....	71	S 04	60x	4	00	Pr	Je	Je	64H	F
.....	.....	85	O 04	60x	4	08	Fx	S	P	760	P
.....	.....	74	S 05	60x	4	09	Fx	Je	Je	810	P
.....	.....	85	O 06	60eq	2	00	Pr	F	F	750	P
.....	.....	86	S 04	60pq	5	09	Ex	Je	Je	79P	P
.....	.....	72	O 05	60pq	4	09	Fx	Je	Je	780	P
.....	.....	88	O 05	60eq	4	09	Ex	F	F	83A	P
.....	.....	84	O 04	60x	4	08	Fx	F	F	75A	P
.....	.....	84	O 05	60x	4	09	Fx	F	F	78P	P
.....	.....	84	O 04	60x	4	08	Fx	F	F	75A	P
.....	.....	89	O 07	60x	2	00	Pr	Je	Je	79C	P
.....	.....	86	S 05	60x	4	09	Ex	Je	Je	75C	P
.....	.....	80	O 05	60eq	2	00	Pr	F	F	75H	P
.....	.....	80	O 03	60pq	4	07	IL	Je	Je	75C	P
.....	.....	87	S 04	60pq	4	09	Pr	Je	Je	75C	P
.....	.....	78	O 02	60x	4	06	IL	Ag	Ag	75H	P
.....	83	O 02	60x	4	09	Ex	Je	Je	83P	P

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
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NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>Long Island College Hospital (concluded)</i>										
Weinstein, Samuel Z.	1882 Bergen st., Brooklyn, N. Y.	82	O 04	60x	4	08	Fx	F	75C	P
Wilensky, Louis	530 E. 128th st., N. Y. C.	83	O 04	60x	4	08	Fx	S M	76P	P
Williams, Richard P.	L. I. Coll. Hosp., Brooklyn, N. Y.	85	S 04	60eq	4	08	Ex	M	80C	P
Wincor, Henry	493 Wendover av., N. Y. C.	86	O 04	60x	4	08	Fx	M F	76P	P
Wittenberg, Louis W.	423 E. 84th st., N. Y. C.	80	O 04	60x	4	08	Fx	F	76C	P
Wolf, Edgar M.	Bushwick Hosp., Brooklyn, N. Y.	88	O 05	60pp	4	09	Fx	Je	75C	P
<i>New York Homeopathic Medical College and Hospital</i>										
Ayers, Horace E.	361 Madison av., N. Y. C.	79	O 05	60x	4	09	Fx	M	78P	P
Brewster, David T. jr.	Montrose, Susquehanna co., Pa.	86	O 07	60eq	2	...	Ex	M	82C	P
Brown, Alexander	423 E. 64th st., N. Y. C.	80	O 05	60x	4	09	Ex	M	75H	P
Childs, Esmoud A.	Rochester Homeo. Hosp., Rochester, N. Y.	80	O 05	60pp	4	09	Fx	M	83A	P
Cooley, Roger L.	Plainfield San., Plainfield, N. J.	86	O 05	60eq	4	09	Ex	Je	75P	P
Deor, Henry B.	221 Asbury av., Asbury Park, N. J.	84	O 05	60eq	4	09	Fx	Je	76C	P
Duckworth, Willard D.	622 W. 137th st., N. Y. C.	83	O 05	60eq	4	09	Fx	M	87Pa	P
Eastman, Frank L.	95 W. Pierpont st., Kingston, N. Y.	86	O 05	60x	4	09	Fx	M	77P	P
Halfman, Walter E.	181 E. 79th st., N. Y. C.	85	O 05	60x	4	09	Fx	M	90A	H
Kohn, Julius	Clo av., Hollis, L. I.	88	O 06	60x	2	...	Px	F	79A	P
		73	O 05	60pp	4	09	Ex	Je	62P	F
Maps, Howard L.	13 Lafayette pl., Yonkers, N. Y.	85	O 05	60x	4	09	Fx	M	81A	P
Murdoch, Franklin F.	E. Orange, N. J.	89	O 07	60eq	2	...	Px	Je	80H	P
Olcott, George P. jr.	74 Carlton st., E. Orange, N. J.	83	S 99	60eq	4	09	Fx	M	85O	P
Peaks, Chester A.	Hamden, N. Y.	84	O 07	60x	2	...	Px	Je	76P	P
Phelps, Haskell S.	328 W. 34th st., N. Y. C.	66	89	17½x	3	...	Px	S	75P	P
		74	O 94	d	3	97	Ex ^d	Je	65C	F
Sheridan, Philip J.	Franklin, Pa.	85	O 04	60x	4	08	Ex	M	75A	F
<i>New York Medical College and Hospital for Women</i>										
Black, Florence A.	Trust Co. of America, 37 Wall st., N. Y. C.	87	S 07	60eq	2	...	Px	Je	91A	P
Burlingame, Lillian M.	79 Hancock st., Brooklyn, N. Y.	71	O 05	60pp	4	09	Fx	Je	75H	P
Emmerich, Elsie E.	1040 Second st., N. Y. C.	85	O 04	60x	2	...	Px	Je	77P	P
Friedman, Mary	71 W. 128th st., N. Y. C.	88	S 07	60pp	2	...	Px	Je	80H	P
Kubista, Anna	1842 Holland av., Van Nest, N.Y. C.	80	S 07	60x	2	...	Px	Je	82A	P
Lobben, Anna V.	975 Greene av., Brooklyn, N. Y.	83	O 05	60x	2	...	Fx	S	80P	P
Rieger, Frances F.	343 Bedford av., Brooklyn, N. Y.	85	O 05	60x	4	09	Fx	Je	79Pa	P
Schultz, Augusta P.	26 Manhattan st., N. Y. C.	73	O 05	60pp	4	09	Fx	Je	79U	P
Sullivan, Mary I.	307 W. 153d st., N. Y. C.	83	O 05	60x	4	00	Fx	Je	86A	P
<i>Syracuse University, College of Medicine</i>										
Allen, James S.	Hosp. of Good Shepherd, Syracuse, N. Y.	84	O 04	60eq	4	08	Fx	S	75D	P
Andrews, William A.	909 Harrison st., Syracuse, N. Y.	86	S 07	60pp	2	...	Px	Je	77P	P
Barney, Clyde O.	834 S. Clinton st., Syracuse, N. Y.	82	O 06	60pp	2	...	Px	F	82C	P
Bellinger, Clarence H.	Smyrna, Chenango co., N. Y.	87	O 06	60x	3	...	Px	Je	83C	P
Bentley, Norman P.	St Joseph's Hosp., Providence, R.I.	87	O 05	60x	4	09	Fx	Je	75P	P
Blodgett, Harry W.	Leona, N. Y.	89	O 07	60x	2	...	Px	Je	80P	P
Campbell, Edwin E. jr.	621 E. Genesee st., Syracuse, N. Y.	83	O 05	60x	4	09	Fx	Je	75C	P
Cass, George B.	1032 S. Salina st., Syracuse, N. Y.	83	O 05	60x	4	09	Fx	Je	76U	P
Childs, Donald S.	St Joseph's Hosp., Syracuse, N. Y.	88	O 06	60x	4	00	Fx ²	Je	81Pa	P
Colson, Aaron T.	St Lawrence State Hosp., Ogdensburg, N. Y.	73	O 05	60eq	4	09	Fx	Je	82C	P
Conway, David L.	Onondaga Valley, N. Y.	83	O 04	60x	4	09	Fx	Je	75P	P
Corwall, Leon H.	101 College pl., Syracuse, N. Y.	87	O 00	60eq	2	...	Px	Je	82C	P
Dick, Edward J.	531 E. 86th st., N. Y. C.	87	O 04	60eq	4	09	Fx	Je	80P	P
Dunn, Irene M.	135 Benwick pl., Syracuse, N. Y.	85	O 05	60x	4	09	Fx	Je	75P	P
Evans, Charles H.	Mirce, N. Y.	82	S 95	60x	4	09	Fx	Je	75Pa	P
Gelger, Carl J.	441 N. Salina st., Syracuse, N. Y.	87	S 68	60pp	2	...	Px	Je	77C	P
Girvin, Howard W.	306 Walnut pl., Syracuse, N. Y.	82	O 07	60eq	2	...	Px	Je	80H	P
Guldin, Jesse E.	514 S. Crouse av., Syracuse, N. Y.	82	O 05	60eq	4	09	Fx	Je	80C	P
Hemmer, George N.	German Hosp. of B'klyn, Brooklyn, N. Y.	86	O 05	60eq	4	09	Fx	Je	86P	P
Henderson, Charles T.	800 Bellevue av., Syracuse, N. Y.	79	S 04	60pp	2	...	Px	Je	82P	P
Hinman, Arthur F.	421 S. Crouse av., Syracuse, N. Y.	83	O 06	60x	2	...	Px	Je	75A	P

d Preliminary education waived under statute.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metric-ulated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>Syracuse University, College of Medicine (concluded)</i>										
Jameson, Louis B.	412 S. Warren st., Syracuse, N. Y.	86	O 05	60x	4	09	Fx	Je	810	P
Jones, Fred G.	Waterville, N. Y.	83	O 05	60eq	4	09	Fx	Je	75C	P
Kennedy, Eldred W.	Rochester City Hosp., Rochester, N. Y.	83	O 05	60x	4	09	Fx	Je	760	P
King, Florence A.	Chittensango, N. Y.	84	O 05	60x	4	09	Fx	Je	75A	P
Klaine, Sandford H.	Ovid, Seneca co., N. Y.	84	O 05	60x	4	09	Ex	Je	75H	P
Lang, Lester S.	Kings County Hosp., B'klyn, N. Y.	80	O 03	60x	4	07	Fx	F	75P	P
Lawless, Ambrose T.	514 S. Crouse av., Syracuse, N. Y.	86	O 05	60x	3		Fx	Je	77C	P
Le Pard, Sherman J.	619 E. Genesee st., Syracuse, N. Y.	79	O 05	60eq	4	09	Fx	Je	75P	P
Loomis, Ralph H.	St Luke's Hosp., Utica, N. Y.	85	O 05	60x	4	09	Fx	Je	760	P
McNamara, Thomas L.	32 E. 1st st., Corning, N. Y.	88	O 07	60x	2		Fx	Je	84C	P
Miller, C. Ross.	St Joseph's Hosp., Syracuse, N. Y.	84	O 05	60x	4	09	Fx	Je	77A	P
Mitchell, George W.	208 Main st., Hornell, N. Y.	84	O 05	60eq	4	09	Fx	Je	76A	P
Monroe, Alvin H.	Arnot-Ogden Hosp., Elmira, N. Y.	81	O 05	60pq	4	09	Fx	Je	75A	P
O'Brien, Charles V.	Auburn City Hosp., Auburn, N. Y.	85	O 04	60x	4	09	Fx	Je	75C	P
O'Donnell, Thomas J.	Port Chester, N. Y.	84	O 04	60x	4	08	Ex ^a	Je	75C	P
Paekard, Edward N. Jr.	421 S. Crouse av., Syracuse, N. Y.	83	O 05	60eq	4	09	Fx	Je	75C	P
Parker, Charles S.	Three Mile Bay, Jefferson co., N. Y.	87	S 05	60x	4	09	Fx	Je	780	P
Persons, Alfred O.	309 Orange st., Syracuse, N. Y.	86	O 06	60x	2		Fx	F	82H	P
Platner, Roy E.	Frankfort, N. Y.	84	O 06	60x	2		Pr	F	84C	P
Potter, Carlton F.	121 Henry st., Syracuse, N. Y.	83	S 06	60x	2		Pr	F	80C	P
Rusin, Anthony W.	308 Lakewick av., Syracuse, N. Y.	82	O 04	60eq	4	09	Fx	Je	75P	P
Sandford, James B.	119 N. Main st., Newark, N. J.	86	O 05	60x	4	09	Ex	Je	75C	P
Scanlon, Francis L. D.	531 E. 86th st., N. Y. C.	87	O 04	60pq	4	08	Fx	F	81Pa	P
Sornberger, Frank P.	34 N. Church st., Cortland, N. Y.	80	O 05	60eq	4	09	Fx	Je	79P	P
Stewart, Alvin J.	Port Byron, N. Y.	86	O 06	60x	2		Fx	Je	85A	P
Thorahill, Page E.	Hosp. Good Shepherd, Syracuse, N. Y.	84	O 05	60x	4	09	Fx	Je	800	P
Van Lengen, Nicholas W.	344 Seymour st., Syracuse, N. Y.	86	O 05	60eq	4	09	Fx	Je	79A	P
Waldorf, Frank L.	421 S. Crouse av., Syracuse, N. Y.	87	O 06	60x	3		Fx	Je	83A	P
		87	O 05	60pq	4	09	Ex	Je	67P	F
<i>University and Bellevue Hospital Medical College</i>										
Ackermann, Edward	242 Grove st., Jersey City, N. J.	76	O 05	60pq	4	09	Fx	Je	75P	P
Allen, Ira A.	Lowville, Tompkins co., N. Y.	65	M 85		3		Ct	Mr		P
Altman, Samuel	327 E. 10th st., N. Y. C.	87	O 05	60pq	4	09	Fx	Je	780	P
Apfelberg, Isidor	138 Essex st., N. Y. C.	88	O 05	60x	4	09	Fx	Je	780	P
Avalander, Morris	87 Chrystie st., N. Y. C.	86	O 04	60pq	4	08	Ex	F	82A	P
Bader, David	23 Avenue C, N. Y. C.	86	O 04	60x	4	08	Ex	S	75C	P
Balmuth, Hermon L.	785 Trinity av., N. Y. C.	86	O 05	60eq	4	09	Fx	Je	80D	P
Bancel, Henry A.	166 E. 67th st., N. Y. C.	85	O 05	60eq	4	09	Fx	Je	88A	P
Bassil, Francesco	340 E. 26th st., N. Y. C.	84	O 05	60eq	3		Ex	F	75P	P
Bentley, William J.	Bellevue Hosp. Med. Coll., N. Y. C.	66	S 56		3		ID	Ja		P
Berkowitz, Harry	701 Humboldt st., Brooklyn, N. Y.	87	O 05	60x	4	09	Fx	Je	761	P
Bernstein, Samuel J.	51 E. 117th st., N. Y. C.	87	O 05	60pq	4	09	Fx	Je	80C	P
Bleasby, Charles B.	32 Palisade av., Garfield, N. J.	87	O 05	60eq	4	09	Fx	Je	81C	P
Boosaa, William E.	Elisabeth Gen. Hosp., Elisabeth, N. J.	78	O 05	60eq	4	09	Fx	Je	75P	P
Branner, Maxwell	572 E. 166th st., N. Y. C.	84	S 04	60pq	4	08	Ex	S	78C	P
Brunnen, Francis F. Jr.	215 Nichols av., Brooklyn, N. Y.	85	O 05	60pq	4	09	Ex	Je	80C	P
Brill, Abraham	1636 Lexington av., N. Y. C.	89	O 06	60eq	2		Fx	S	81C	P
Brooks, Nathaniel P.	Charlestown, N. H.	81	D 02	60eq	4	07	Ex	M	78D	P
Brown, Richard J.	57 Taylor st., Newark, N. J.	82	O 06	60eq	2		Ct	S	86P	P
aBrek, David F.	Westbrooks, Sullivan co., N. Y.	88	M 87		4	91	Fx	Je		P
Clins, De Wits F.	100 Ryerson st., Brooklyn, N. Y.	88	O 05	60pq	4	09	Ex	Je	82Pa	P
Cole, Chester W.	Brooklyn Hosp., Brooklyn, N. Y.	83	O 06	60eq	4	07	Ex	Je	75A	P
Colton, Sidney J.	Faxon Hosp., Utica, N. Y.	84	O 04	60eq	5	09	Fx	Je	79P	P
Connolly, Philip B.	City Hosp., Birkwells La., N. Y. C.	86	O 05	60pq	4	09	Fx	Je	85C	P
Courten, Henry C.	135 E. 42d st., N. Y. C.	79	O 05	60eq	4	09	Ex	Je	78C	P
Dawell, Arthur	529 Springdale av., E. Orange, N. J.	75	O 05	60x	4	09	Ex	Je	76P	P
aDe Vries, Joseph C.	38 Orange st., Brooklyn, N. Y.	72	O 82	25x	3	95	Ex ^a	F	75A	P
Dyas, Thomas C.	345 E. 17th st., N. Y. C.	78	O 07	45ax	2		Fx	Je	88P	P

^a Degree from University of the City of New York.
^c Degree from Bellevue Hospital Medical College.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>University and Bellevue Hospital, Medical College (cont'd)</i>										
Edwards, James B.	Woodridge pl., Leonia, N. J.	86	O 05	60pq	4	09	Ex	Je	79C	P P
Eisenbud, Kalman	2231 Fifth av., N. Y. C.	80	O 05	60x	4	09	Ex	Je	78D	P P
Etter, Harry B.	Shippensburg, Pa.	84	O 03	60eq	4	07	Ex	Je	80O	P P
Feinberg, Solomon E.	Binghamton, N. Y.	61	g 10			92	ID	S		P
Fischer, Abraham	12 Pavilion st., Hartford, Ct.	85	O 05	60eq	4	09	Fx	Je	80H	P
Fladen, Max M.	N. Y. Post Grad. Hosp., 20th st. & 2d av., N. Y. C.	86	O 05	60pq	4	09	Fx	Je	77P	P P
Forman, Alfred G.	2394 Seventh av., N. Y. C.	86	O 07	60eq	2		Fx	Je	82H	P P
Friedel, Herman	90 Avenue B., N. Y. C.	81	O 05	60x	4	09	Fx	Je	81C	P P
Friedman, Joseph H.	398 E. 8th st., N. Y. C.	87	O 06	60pq	2		Fx	S	80H	P P
Fruitnight, Henry S.	951 St Nicholas av., N. Y. C.	83	O 05	60eq	4	09	Ex	Je	82P	P P
Fuchs, John H.	53 Maple av., New Rochelle, N. Y.	69	56		3	59	Ct	F		P
Glaesman, Samuel	608 E. 6th st., N. Y. C.	83	O 04	60x	4	08	Ex	F	79A	P P
Goldman, Abraham J.	1325 Fifth av., N. Y. C.	87	05	60pq	3		Px	S	90A	P P
Goldman, Harry G.	751 Fifth st., N. Y. C.	87	O 06	60eq	3		Px	Je	87C	P P
Goldstein, Julius J.	305 E. 74th st., N. Y. C.	86	O 05	60x	4	09	Fx	Je	76C	P P
Greenfield, Stephen	8801 Bay 21st st., Bath Beach, Brooklyn, N. Y.	87	O 05	60eq	4	09	Fx	Je	75P	P
Griffin, Edwin A.	St John's Hosp., 1521 Atlantic av., Brooklyn, N. Y.	87	O 05	60eq	4	09	Fx	Je	85P	P P
Griffin, Walter W.	55 W. 47th st., N. Y. C.	88	O 05	60eq	4	09	Fx	Je	79D	P P
Gross, Leopold	148 Suffolk st., N. Y. C.	83	O 06	60eq	2		Fx	S	79C	P P
Hanford, John M.	Scottsville, N. Y.	82	O 05	60eq	4	09	Fx	Je	82P	P P
Harris, Morris L.	231 Rodney st., Brooklyn, N. Y.	87	O 05	60eq	4	09	Fx	Je	80H	P P
Herbenor, Eugene G.	45 W. 95th st., N. Y. C.	81	O 04	60x	4	08	Fx	S	79O	P P
Hoffman, Charles	1182 Madison av., N. Y. C.	56	50		2	82	Ct	Je		P
Huberman, John	47 Norfolk st., N. Y. C.	86	O 04	60pq	4	08	Px	Je	75C	P
Hughes, Henry G.	326 State st., Schenectady, N. Y.	67	S 88		2	90	Ct	N		P
Isaacson, Alexander	744 Columbus av., N. Y. C.	86	O 04	60pq	4	08	Fx	S	78P	P
Ives, Edwin I.	Kings Co. Hosp., Clarkson st., Brooklyn, N. Y.	85	O 04	60pq	4	08	Fx	Je	75C	P P
Kelley, Charles B. P.	Jersey City Hosp., Jersey City, N. J.	86	O 05	60eq	4	09	Fx	Je	78P	P P
Kemp, Raymond A.	444 Genesee st., Utica, N. Y.	88	O 06	60x	2		Fx	S	86H	P P
Kennedy, Robert B.	Bellevue Hosp., N. Y. C.	85	S 04	60pq	4	08	Ex ³	S	78A	P P
Klein, Harry	180 13th av., Newark, N. J.	57	O 05	60pq	3		Fx	F	85A	P P
Klein, Sigmund	285 Seventh st., N. Y. C.	66	O 06	60x	2		Fx	S	79A	P P
Klein, William	88 E. Fourth st., N. Y. C.	81	O 05	60pq	4	09	Fx	Je	80D	P P
Kling, Jehiel	24 Attorney st., N. Y. C.	80	O 05	60x	4	09	Ex	Je	80D	P P
Koppel, Leopold A.	Jersey City Hosp., Jersey City, N. J.	85	O 04	60x	4	08	Ex	S	79P	P P
Koven, Benjamin	Beth Israel Hosp., 97 Jefferson st., N. Y. C.	86	S 04	60eq	4	08	Fx	F	81H	P P
Kramer, Benjamin	227 E. Third st., N. Y. C.	87	O 05	60x	4	09	Ex	Je	81O	P P
Leibovici, Martin J.	299 Saratoga av., Brooklyn, N. Y.	83	O 05	60x	4	09	Fx	Je	82P	P P
Leiner, Joshua H.	179 E. 109th st., N. Y. C.	83	O 04	60pq	4	08	Fx	S	80C	P P
Lenetsky, David	564 W. 165th st., N. Y. C.	87	O 05	60x	4	09	Ex	Je	84C	P P
Lannon, Francis J.	St John's Riverside Hosp., Yonkers, N. Y.	87	O 04	60x	4	08	Ex ³	F	78H	P P
Levine, Samuel	10 Attorney st., N. Y. C.	82	O 05	60x	4	09	Fx	Je	84P	P P
Macdonald, Westworth S.	25th st. & Surf av., Coney Is., N. Y.	80	S 01	60eq	4	06	Ex	S	79A	P P
McGivern, Edward D.	St Michael's Hosp., Newark, N. J.	86	O 05	60pq	4	09	Fx	Je	76A	P P
Marshak, Martin I.	74 E. 22d st., Bayonne, N. J.	83	O 04	60eq	4	08	Ex ³	Je	55C	P P
Marshak, Martin I.	74 E. 22d st., Bayonne, N. J.	84	O 07	60pq	2		Fx	Je	78C	P P
Mason, Morris A.	142 W. 125th st., N. Y. C.	77	O 07	60pq	2		Fx	Je	78C	P P
May, Edward J.	338 E. 26th st., N. Y. C.	86	S 07	60pq	2		Fx	Je	85A	P P
Mendes, Albert A.	44 R. Island road, Brooklyn, N. Y.	84	O 03	60pq	5	08	Fx	S	75P	P P
Miller, Raymond A.	129 Lexington av., N. Y. C.	78	O 07	60eq	2		Fx	Je	81H	P P
Morris, Charles A.	Univ. & Belle. Hosp. Med. Coll., N. Y. C.	72	O 98	60eq	5	09	Fx	Je	75D	P P
Morse, Daniel P.	1344 Lexington av., N. Y. C.	85	O 05	60pq	4	09	Fx	Je	83P	P P
Moss, Samuel A.	85 Henry st., N. Y. C.	87	O 06	60eq	2		Fx	S	82O	P P
Neues, William	774 Q Iney st., Brooklyn, N. Y.	66	S 88		3	89	Ct	Ja		P P

^a Degree from University of the City of New York.

^o Degree from Bellevue Hospital Medical College.

^g Prior to.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (continued)										
<i>University and Bellevue Hospital Medical College (cont'd)</i>										
O'Connell, Edward	Broad Brook, Ct.	83	O 03	60x	4	07	Ex	Je	75C	P
Patterson, William P.	City Hospital, 116 Fairmount av., Newark, N. J.	76	O 05	60eq	4	09	Fx	Je	78P	P
Pennock, William J.	610 Prendergast av., Jamestown, N. Y.	80	S 02	60x	4	06	Ex	S	820	H P
Phillips, Jacob	258 E. Seventh st., N. Y. C.	86	O 05	60x	4	09	Fx	Je	77C	P
Pietri, Agustin	450 W. 34th st., N. Y. C.	85	O 04	60pq	4	08	Ex	Je	860	P
Pomeroy, John L.	Riverside Hosp., N. Brothers Is. Health Dept., N. Y. C.	81	J 01	60eq	4	08	Fx	M	86P	P
cRau, Leonard S.	Lawrence, L. I., N. Y.	61	O 82		3	85	Ct	M		
Rettig, Isidor L.	229 Hunterdon st., Newark, N. J.	87	O 05	60pq	4	09	Fx	Je	85P	P
Rice, Albert C.	8 Atkinson st., Bellows Falls, Vt.	82	O 05	60eq	4	09	Ex	Je	82C	P
aRiedel, Emil H.	Maywood, N. J.	86	O 75		5	81	Ct	S		
Ritter, Henry H.	203 E. Fourth st., N. Y. C.	89	O 06	60pq	2				84A	P
Rogers, Lester B.	141 W. 109th st., N. Y. C.	84	O 01	80x	4	05	Ex	S	75A	P
Rontey, Pierre A.	1918 Arthur av., N. Y. C.	83	O 05	60pq	3		Fx	Je	84C	P
Rosenthal, Leo V.	17 N. Main st., Paterson, N. J.	87	O 05	60pq	4	09	Fx	Je	78C	P
Rothberg, Samuel	32 St. Mark's pl., N. Y. C.	87	O 05	60pq	3		Fx	S	86P	P
Sacks, Bernard	1931 2d av., Manhattan, N. Y. C.	85	O 05	60x	4	09	Fx	Je	76P	P
Sands, Ord L.	37 Madison av., N. Y. C.	72	O 07	60x	2		Px	Je	75H	P
e		74	S 35	15x	3		Px	F	66C	F
Singer, Joseph I.	304 Ellery st., Brooklyn, N. Y.	82	O 04	60x	4	08	Fx	S	83P	P
aSlater, Frank E.	Sidney, N. Y.	65	S 87	d	2	89	Ct	Mr		
Solomkin, Charles	168 Essex st., N. Y. C.	83	O 05	60pq	4	09	Fx	Je	76H	P
aSteadman, Walter	Tully, N. Y.	73	S 90		4	94	IL	N		
Swetzter, Donald S.	145 E. 92d st., N. Y. C.	84	O 04	60pq	4	09	Ex	Je	75C	P
Tupper, George B.	120 Lexington av., N. Y. C.	81	O 06	60eq	2		Px	S	76H	P
cVan Zile, Benjamin S.	518 Monroe st., Brooklyn, N. Y.	45	S 73		2	75	Ct	Mr		
Warner, John W.	1316 Columbia road, Washington, D. C.	83	O 05	60eq	4	09	Ex	Je	75C	P
Washtntzer, Frederick	603 E. 6th st., N. Y. C.	86	O 05	60pq	4	09	Fx	Je	75D	P
Weil, Walter D.	224 E. 179th st., N. Y. C.	79	O 35	60pq	4	09	Fx	Je	75A	P
Weiss, Louis	40 N. Water st., Port Chester, N. Y.	87	O 05	60eq	4	09	Fx	Je	80D	P
cWeist, Henry H.	11 E. 54th st., N. Y. C.	68	S 80		2	91	ID	M		
Wessler, Jacob A.	Paterson Gen. Hosp., Paterson, N. J.	82	O 05	60x	4	00	Fx	Je	79P	P
cWilbor, Charles W.	352 Monroe av., Rochester, N. Y.	50	S 72		4	76	Ct	Mr		
Wise, Alfred M.	1720 Madison av., N. Y. C.	80	O 05	60pq	4	59	Fx	Je	87P	P
Wolfson, William L.	500 Hudson av., Weehawken Heights, N. J.	88	O 07	60x	2		Px	Je	81H	P
Wren, Raphael J.	601 W. 136th st., N. Y. C.	80	O 02	60eq	4	06	Ex ^c	Je	77C	P
Zahler, Benjamin M.	152 S. 4th st., Brooklyn, N. Y.	88	O 05	60pq	4	09	Fx	Je	75H	P
Zucherman, David	67 Sheriff st., N. Y. C.	86	O 06	60pq	2		Fx	S	79H	P
<i>University of Buffalo, Medical Department</i>										
Brown, Stanley John	Nunda, N. Y.	73	S 87	60eq	4	01	Ex ^a	Je	64P	F
Brundage, Frank E.	572 W. Ferry st., Buffalo, N. Y.	86	S 06	60x	2		Fx	S	80P	P
Cetola, Anthony J.	65 Front av., Buffalo, N. Y.	81	S 04	60x	4	09	Fx	Jo	75C	P
Clark, James J.	230 N. Third st., Olean, N. Y.	85	S 05	60x	4	09	Fx	Je	75A	P
Cohen, Julius Y.	230 N. Third st., Olean, N. Y.	89	S 07	60x	2		Px	Je	79P	P
Cooper, David G.	180 Dodge av., Buffalo, N. Y.	87	S 05	60x	4	09	Fx	Je	81P	P
Costello, Clarence V.	391 Hudson st., Buffalo, N. Y.	86	S 35	60x	3		Px	Je	76P	P
Crestigho, Samuel S.	94 Frost av., Rochester, N. Y.	84	S 07	60pq	2		Px	Je	77C	P
Dell, Warren Z.	100 High st., Buffalo, N. Y.	79	S 05	60eq	4	09	Fx	Je	79D	P
Duffy, Benedict J.	99 Harvard pl., Buffalo, N. Y.	83	S 05	60x	4	09	Fx	Je	79P	P
Ende, Edward H.	Olean, N. Y.	85	S 06	60eq	2		Px	S	85P	P
Eustace, Charles W.	535 Clinton st., Buffalo, N. Y.	82	S 03	60x	4	05	Fx	S	81C	P
Evans, John H.	155 Seymour st., Buffalo, N. Y.	78	S 06	60x	2		Px	S	75P	P
	Buffalo Gen. Hosp., 100 High st., Buffalo, N. Y.	76	S 04	60x	4	08	Fx	S	83P	P
Fees, Raymond C.	Gen. Deaconess Hosp., Buffalo, N. Y.	85	S 05	60eq	4	09	Fx	Je	85C	P
Fisher, Roy C.	42 Lawrence pl., Buffalo, N. Y.	84	S 05	60x	4	09	Fx	Je	74P	P
Flood, Frances Mabel	162 Allen st., Buffalo, N. Y.	84	S 07	60x	2		Px	Je	86P	P

^a Degree from University of the City of New York.^c Degree from Bellevue Hospital Medical College.^d Preliminary education waived under the statute.^e Student at Bellevue Hospital Medical College.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS (concluded)										
<i>University of Buffalo, Medical Department (concluded)</i>										
Forbes, Gilbert de L.	Kendall, N. Y.	81	S 05	60eq	4	09	Fx	Je	80D	P
Gimbrone, Joseph P.	247 Front av., Buffalo, N. Y.	86	S 05	60x	4	09	Fx	Je	80P	P
Gow, Edward C.	Emergency Hosp., Buffalo, N. Y.	82	S 04	60x	4	08	Fx	F	75P	P
Greene, Christiansa M.	79 Bensinger st., Buffalo, N. Y.	76	S 04	60eq	4	08	Fx	F	78C	P
Griffin, Clara O.	345 E. Ferry st., Buffalo, N. Y.	71	S 01	60x	5	06	Fx	F	81C	P
Gunn, Leo	Hamburg, N. Y.	84	S 04	60x	4	08	Fx	F	80P	P
Harris, Jennie H.	Tonawanda, N. Y.	87	S 08	60x	2	2	Px	Je	75C	P
Heyd, Charles G.	493 Delaware av., Buffalo, N. Y.	88	S 05	60eq	4	09	Fx	Je	84P	P
Hobday, Edward J.	Durhamville, N. Y.	62	O 90		5	85	Ct	S		
Holmes, Allen W.	10 1/2 High st., Buffalo, N. Y.	87	S 05	60x	4	09	Ex	Je	80D	P
Hovey, Walton	Substation 2, Poughkeepsie, N. Y.	85	S 03	60x	4	07	Ex	S	85O	P
Hughes, Ralph R.	707 Crescent av., Buffalo, N. Y.	86	S 06	60x	2	2	Px	F	80C	P
Hummell, Harry C.	St Mary's Hosp., Rochester, N. Y.	83	S 03	60x	4	08	Fx	F	75P	P
Hurley, Joseph E.	10 Phelps av., Rochester, N. Y.	79	S 05	60eq	4	09	Ex	Je	82C	P
Jacobson, Benjamin	159 Cedar st., Buffalo, N. Y.	86	S 05	60x	3	3	Px	S	75P	P
Jahre, Roy J.	768 Glenwood av., Buffalo, N. Y.	87	S 06	60x	2	2	Px	Je	85A	P
Kavtnok, Nadinar	575 Jefferson st., Buffalo, N. Y.	88	S 06	60x	2	2	Px	Je	79A	P
Kleckner, Frank C.	342 Monroe st., Buffalo, N. Y.	77	S 04	60x	5	09	Ex	Je	76C	P
Lawler, Arthur V.	600 W. Clinton st., Elmira, N. Y.	85	S 04	60x	4	08	Ex	M	77P	P
McCarthy, George P.	1366 Broadway, Buffalo, N. Y.	81	S 05	60pq	4	09	Ex	Jc	77A	P
Macbemer, Walter L.	215 William st., Buffalo, N. Y.	89	S 07	60x	2	2	Px	Je	79C	P
Mankell, Nathalie K.	63 Linwood av., Buffalo, N. Y.	64	S 07	60ex	2	2	Px	Je	83P	P
Miller, Rudolf C.	596 Broadway, Buffalo, N. Y.	60	S 05	60x	4	09	Ex	Jc	82P	P
Prior, Leon H.	691 N. Division st., Buffalo, N. Y.	88	O 07	60x	2	2	Px	Je	79P	P
Reynolds, George W.	Eric Co. Hosp., Buffalo, N. Y.	73	O 03	60x	4	07	Ex	S	80P	P
Rother, Eugene W.	444 Pearl st., Buffalo, N. Y.	80	S 05	60x	4	09	Fx	Je	80D	P
Saylin, George J.	386 Madison st., Buffalo, N. Y.	76	S 06	224x	2	2	Px	S	81H	P
Schreiner, Bernard F.	121 Ash st., Buffalo, N. Y.	86	S 05	60pq	4	09	Fx	Je	85H	P
Sperry, Frederick E.	105 Florida st., Buffalo, N. Y.	86	S 06	60x	2	2	Px	Je	80H	P
Stein, August H.	123 Dodge st., Buffalo, N. Y.	85	S 05	60x	2	2	Px	Je	84A	P
		86	S 07	60eq	2	2	Px	Je	67P	F
Sullivan, James C.	Olean, N. Y.	88	S 06	60x	2	2	Px	S	90A	F
		77	O 94	c	4	98	Px	S	45C	F
Towne, Frank H.	Moses Taylor Hosp., W. Seneca, N. Y.	86	S 05	60pq	4	09	Ex	Je	75H	P
Townsend, Edmund	Dundee, Yates co., N. Y.	61	O 83		2	85	Ct	M		
Tracy, William J.	Moses Taylor Hosp., W. Seneca, N. Y.	86	S 05	60x	4	09	Ex	Je	77C	P
Wagner, Albert W.	387 High st., Buffalo, N. Y.	81	S 07	60x	2	2	Px	Je	75C	P
Walker, Hiram D.	735 Main st., Buffalo, N. Y.	39	O 62		2	64	Ct	N		
		53	S 67	60x	2	2	Fx	Je	69C	F

SCHOOLS IN OTHER STATES

California

University of California, Medical Department

		75	S 99	63eq	4	05	Ex	Je	58C	F
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Colorado

Denver and Gross College of Medicine

Swezey, Sarah E.	Bayside, L. I., N. Y.	80	S 05	60eq	4	09	Fx	M	77P	P
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Connecticut

Yale University Medical College

Butterfield, Paul M.	Black Rock, Bridgeport, Ct.	81	S 04	63eq	4	08	Fx	S	77O	P
Doroff, Louis A.	Montefiore Home, Broadway and 135th st., N. Y. C.	82	S 01	60eq	4	05	Ex	M	76O	P
Epstein, Jacob J.	250 Henry st., N. Y. C.	76	S 06	69x	2	2	Px	S	77C	P
Gilbert, Edwin C.	15 N. Quaker Lane, W. Hartford, Ct.	81	S 02	63x	4	06	Px	S	81C	P
Hershman, Abram A.	6 High st., New Haven, Ct.	85	S 04	60eq	4	08	Ex	S	75C	P
Jackson, Samuel F.	Willard Parker Hosp., ft. E. 16th st., N. Y. C.	83	S 03	60eq	4	07	Ex	S	78C	P
Leahy, Sylvester R.	27 Ward st., New Haven, Ct.	82	O 01	63eq	4	05	IL	Ap		
Levy, Louis H.	New Haven, Ct. P. O. Box 793, Yale sta.	83	S 07	63eq	2	2	Px	Je	80H	P
Lippman, William E.	102 Ellery st., Brooklyn, N. Y.	85	S 04	60eq	4	08	IL	D		
Marab, Arthur D.	St Luke's Home & Hosp., Utica, N. Y.	86	S 04	60eq	4	08	IL	D		

c Degree from Niagara University, Medical Department.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
Connecticut (concluded)										
<i>Yale University Medical College (concluded)</i>										
Murphy, Charles C.	155 Dean st., Brooklyn, N. Y.	84	S 02	60eq	4	06	Ex	F	84Pa	P
Parker, John E.	220 Calhoun st., Charleston, S. C.	80	S 02	60eq	4	06	Ex	S	76H	P
Boroch, Emil M.	Children's Free Hosp., Detroit, Mich.	81	S 04	60pq	4	08	Fx	S	75P	P
Volkenhelm, Mendel.	Bellevue Hosp., N. Y. C.	85	S 04	60eq	4	08	Ex	F	83P	P
District of Columbia										
<i>George Washington University, Medical Department, Washington</i>										
Fry, Samuel	1331 N. st., N. W., Washington, D. C.	70	S 98	d	4	02	Ex	Je	790	P
<i>Georgetown University, School of Medicine, Washington</i>										
Hays, Melville A.	119 W. 16th st., N. Y. C.	79	O 02	60eq	4	06	Ex ^a	M	70C	F
Malabre, Alfred L.	William W. Backus Hosp., Norwich, Ct.	78	O 96	d	4	00	Ex	F	75A	P
		84	O 04	60pq	4	08	Ex	S	78C	H
Georgia										
<i>Atlanta Medical College</i>										
Inghram, William H.	156 E. 22d st., N. Y. C.	62	O 87	d	3	90	Ex ^a	Je	75A	P
Illinois										
<i>American Medical Missionary College, Chicago</i>										
Levansture, Lewis A.	Buckeye City, O. Danville sta.	82	S 02	60eq	4	06	Ex	Je	80D	P
<i>Bennett College of Eclectic Medicine and Surgery, Chicago</i>										
		66	Mr75	d	4	78	Ex ^a	Je	56P	F
<i>College of Physicians and Surgeons, Chicago</i>										
Czarra, Conrad H.	2947 Michigan av., Chicago, Ill.	74	S 95	d	4	99	Ex ^a	M	75A	P
Newman, Mary S.	95 Amboy st., Brooklyn, N. Y.	84	O 02	60eq	4	06	Ex	S	75P	P
		79	S 98	d	4	02	Ex ^a	F	49P	F
<i>Hahnemann Medical College, Chicago</i>										
Barr, Roy L.	243 Hayward av., Rochester, N. Y.	84	S 04	60x	4	08	Ex	M	83A	P
Grover, Orie M.	Homer, N. Y.	62	O 81	d	4	08	Ex ^a	F	75A	P
Lockwood, Benjamin F.	Brookton, Tompkins co., N. Y.	62	S 82		3	85	Ct	N		
Race, Ransom A.	186 Fulton av., Rochester, N. Y.	77	S 97	d	4	01	IL	N		
Shepherd, Lucy M.	440 VanHouten st., Paterson, N. J.	64	S 89	d	3	91	Ex ^a	Je	75A	P
Swift, Charles L.	Castle Creek, N. Y.	50	O 78		2	81	Rec	J1		
		83	S 03	60x	4	07	Ex ^a	M	63C	F
<i>Illinois Medical College, Chicago</i>										
		71	S 94	45eq	5	99	Px ^a	Je	42P	F
		83	S 03	60eq	4	08	Ex	S	44P	F
<i>Northwestern University, Woman's Medical College, Chicago</i>										
Hackett, Emma C.	1700 Broadway, N. Y. C.	71	O 96	45eq	4	00	Ex	Je	75A	P
Indiana										
<i>Medical College of Indiana, Indianapolis</i>										
Porter, Edward D.	Rochester, N. Y., care of Whitcomb House.	60	Mr79		3	82	Ct	Ag		
<i>Physio-Medical College of Indiana, Indianapolis</i>										
		59	S 87	s	2	89	Ex	Je	33C	F
Kentucky										
<i>Louisville Hospital and Medical College, Louisville</i>										
Herbert, Leo J. C.	235 W. 108th st., N. Y. C.	81	S 01	60eq	5	08	Fx	F	75A	P
<i>University of Louisville, Medical Department, Louisville</i>										
Maaklem, Glen E.	418 Hammond bldg., Detroit, Mich.	83	S 04	60eq	4	08	Ex	M	75C	P

d Preliminary education waived under statute.

e Seven regular subjects.

f Requirements not met. Application withdrawn.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
Maryland										
<i>Baltimore Medical College</i>										
Carey, Edward F.	Hotel Aberdeen, N. Y. C.	76	S 02	60eq	4	06	Ex ²	F	75P	P
Carpenter, Charles A.	688 Madison st., Brooklyn, N. Y.	79	O 01	60pq	4	09	Ex ²	Je	75P	P
Cooke, Tyler G.	S. Amboy, N. J. Box 540.	81	O 02	60pq	5	07	Ex	F S F	75P	P
Eckert, Isidor.	322 E. Fourth st., N. Y. C.	85	S 03	60x	5	08	Ex	F S F	81H	P
Levinson, Bernard.	163 Henry st., N. Y. C.	85	O 04	60x	4	08	Ex	F	76A	P
Lewis, Edwin R.	Maryland Gen. Hosp., Baltimore, Md.	85	S 05	60x	4	09	Fx	Je	76P	P
Linson, Kenneth K.	113 Fair st., Kingston, N. Y.	80	S 00	60eq	6	07	Ex	S S F	75A	P
Mottram, Jloyd D.	Weston, N. Y.	84	S 04	60x	4	08	Ex	S S F	76C	P
Reed, Ralph G.	State Hosp., Central Islip, N. Y.	83	S 04	60eq	4	08	Ex	S S F	82A	P
Salton, Russell A.	De Lancey, N. Y.	86	S 07	60x	2	...	Px	Je	75A	P
Sawyer, Sherwood D.	Italy, Yates co., N. Y.	78	S 03	60pq	4	08	Ex	S S	75P	P
Steinfelder, Jacob J.	145 W. 131st st., N. Y. C.	77	O 99	60eq	5	05	Ex	Je	85C	P
		84	S 03	60x	5	08	Ex ²	Je	76Pa	F
		83	S 01	60eq	5	09	Ex ²	Je	65A	F
Taylor, William J. V.	45 Woodward av., Buffalo, N. Y.	75	gJ-96	15x	5	07	Ex ²	Je	75P	F
Vilet, Clarence.	4 W. 125th st., N. Y. C.	82	S 04	60eq	4	08	Ex	Je	76C	P
<i>College of Physicians and Surgeons, Baltimore</i>										
Haberer, Herman J.	64 Columbia st., Utica, N. Y.	81	O 00	60pq	4	06	Ex	S	79P	P
		79	O 04	A	4	08	Ex	F	59P	F
Johnson, Peter J.	730 Bloomfield st., Hoboken, N. J.	75	O 99	d	4	03	IL	Je	...	P
Katsan, Phillip	416 E. Third st., N. Y. C.	87	O 07	60x	2	...	Px	Je	86C	P
Leahy, John T.	28 Channing st., New London, Ct.	84	S 03	60eq	4	08	Ex	S	78A	P
Merrick, George E.	Frontier Hosp., Main & Riley st., Buffalo, N. Y.	73	O 99	d	4	03	Ex	S	78C	P
Peak, Leon A.	Hotel Churchill, N. Y. C.	75	S 93	d	3	97	Ex	S	75A	P
		85	O 04	60pq	4	08	Ex ²	M	69P	F
		83	O 04	60pq	4	08	Ex ²	Je	58P	F
Whitcomb, Norris B.	Walton, N. Y.	87	O 07	60x	2	...	Px	Je	75C	F
<i>Johns Hopkins University, Medical Department, Baltimore</i>										
Ditton, James W. W.	387 Geneese st., Utica, N. Y.	84	O 05	60eq	4	09	Ex	Je	83A	P
Hart, William E.	Roosevelt Hosp., 59th st. W., N. Y. C.	82	O 05	60eq	4	09	Ex	Je	77C	P
Hopkins, Joseph G.	St Luke's Hosp., W. 113th st & Amsterdam av., N. Y. C.	82	O 03	60eq	4	07	Ex	M	82C	P
Kingsley, Charles R. jr.	W. New Brighton, Staten Is., N. Y.	83	O 05	60eq	4	09	Ex	Je	85A	P
La Mont, Charles A.	67 Hudson st., N. Y. C.	80	S 04	60x	4	08	Ex	S	76A	P
Owens, Fred T.	City Hosp., Blackwells Is., N. Y.	82	O 03	60eq	4	07	Ex	S	78C	P
Scotfield, Raymond B.	2443 E. Biddle st., Baltimore, Md.	78	O 02	60eq	4	07	Ex	M	85P	P
Stevens, Alexander R.	41 E. 70th st., N. Y. C.	76	O 99	60eq	4	03	Ex	S	86A	H
Worthington, J. Kent.	Raquette Lake, Hamilton co., N. Y.	82	O 04	60eq	4	08	Ex	Je	75C	P
<i>University of Maryland, School of Medicine, Baltimore</i>										
Dann, Richard H. V.	Le Roy, Pa.	77	Ja99	d	4	03	IL	Ag	...	...
Davis, William H.	871 Park pl., Brooklyn, N. Y.	78	O 98	d	4	02	IL	O	...	...
Howard, Robert C.	116 Lexington av., N. Y. C.	84	O 07	60x	2	...	Px	Je	85H	P
Patterson, Charles E.	Loomis Sanitarium, Liberty, N. Y.	77	O 89	60eq	4	03	Fx	M	79P	P
Riba, William W.	Durham, N. Y.	83	O 01	60pq	4	05	Fx	M	76C	P
<i>Baltimore University School of Medicine</i>										
Kahn, Paul	Long Branch, N. J.	69	O 92	60eq	3	96	IL	Ag	...	...
Silberstein, Samuel	141 Broadway, Paterson, N. J.	79	O 96	d	3	00	IL	Ap	...	...
<i>Woman's Medical College of Baltimore</i>										
Fendler, Amelia M.	1391 Madison av., N. Y. C.	70	O 89	...	3	92	Rec	Jl	...	...

d Preliminary education waived under statute.

g Prior to.

A Requirements not met.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metric- united	Credits	Years	Degree				
Massachusetts										
<i>College of Physicians and Surgeons, Boston</i>										
.....	.....	75	S 94	d	4	99	Ex ^a	S	31C	F
<i>Harvard University, Medical School</i>										
Bernis, William J.	256 Joseph av., Rochester, N. Y.	76	O 03	60eq	4	07	Ex	F	77C	P
Blanchard, Howard P.	Moultonboro, N. H.	77	S 03	60eq	4	07	IL	Mr	.....	P
Connor, William H.	Holmesdale, Pittsfield, Mass.	80	S 02	60eq	4	06	Ex ^a	F	75A	P
Cunningham, Wilfred D.	Mamaroneck, N. Y.	78	S 99	60eq	4	03	Ex ^a	F	75P	P
Hartshorne, Isaac.	Sanitarium, Clifton Springs, N. Y.	82	O 04	60eq	4	08	Ex	F	78A	P
Jones, Archibald St. C.	274 Van Horn st., Jersey City, N. J.	76	O 02	60eq	.....	05	IL	S	.....	P
McCarthy, John C.	139 W. 49th st., N. Y. C.	69	S 88	d	3	91	Ex	S	79S	P
Pardo, Oscar.	84 Brunswick st., Rochester, N. Y.	70	S 89	30eq	7½	06	Ex	S	81O	P
Pearl, Frederic W.	Hotel Vendome, Commonwealth av., Boston, Mass.	69	S 90	60eq	4	94	Ex	F	85C	P
Salsbury, Luchs A.	Boston City Hosp., Boston, Mass.	82	O 04	60x	4	08	Ex	F	75C	P
<i>Massachusetts College of Osteopathy, Boston</i>										
Burnard, Harold W.	176 8th st., Elmhurst, N. Y.	86	S 06	60x	3	09	Ex	Je	76C	P
Lord, Mary W.	61 Fourth st., Troy, N. Y.	73	S 05	60eq	3	08	Ex ^a	M	75C	P
<i>Tufts College Medical School, Boston</i>										
Cole, Ralph W. E.	U. S. Pub. Health & Marine Hosp. Service, Stapleton, S. I.	81	O 02	60eq	4	06	Ex	F	75C	P
Dexter, Roger.	State Hosp., Dannemora, N. Y.	80	S 03	60eq	4	07	Ex	F	82C	P
Dodge, Percy L.	Kings Park State Hosp., Kings Park, N. Y.	83	O 04	60eq	4	08	Ex ^a	Je	75C	P
Gilman, Florence.	Meredith, N. H.	78	O 37	60eq	4	02	Ex	Je	82H	P
Kelly, Alice E.	Rockville Center, L. I.	74	O 03	60eq	4	07	Ex	Je	75A	P
Ross, John Robert.	Kings Park State Hosp., Kings Park, N. Y.	75	S 99	60eq	4	03	Ex	Je	69C	F
.....	.....	79	O 03	60eq	4	07	Ex ^a	Je	76A	P
Michigan										
<i>and Surgery, Michigan University, Ann Arbor</i>										
Bennett, Stephen H.	Greenwood, N. Y.	71	S 61	65eq	4	06	IL	S	.....	.....
Edmunds, Henry S.	Sinclairville, N. Y.	83	S 04	60x	4	03	IL	M	.....	.....
Feele, Grace D.	New England Hosp. for Women & Children, Dimick st., Boston, Mass.	78	S 97	60eq	4½	07	IL	Az	.....	.....
<i>Detroit College of Medicine, Detroit</i>										
dMacartney, Charles B.	Flint, Mich.	70	S 93	.....	4	03	IL	F	.....	.....
Missouri										
<i>St. Louis University School of Medicine</i>										
Friedman, Theodore.	1780 Madison av., N. Y. C.	84	S 03	60p1	4	07	Ex	Je	75P	P
<i>American Medical College, St. Louis</i>										
Alexander, Frank S.	14th & Market st., St. Louis, Mo.	73	S 95	d	4	03	IL	Jc	.....	.....
<i>American School of Osteopathy, Kirksville</i>										
Bingham, Lewis J.	5910 Elgin av., Pittsburg, Pa.	76	S 07	60eq	2	.....	Px	Je	78C	P
Cockrell, Irvin.	901 Delaware av., Wilmington, Del.	78	S 06	60eq	3	09	Ex	Je	80D	P
Levegood, Robert R.	118 S. 52d st., Philadelphia, Pa.	83	S 07	60eq	2	.....	Px	Je	87C	P
Stearns, Maus W.	Hoosick, N. Y.	71	S 05	60eq	3	08	Ex	S	76A	P
Nebraska										
<i>Creighton University, Medical Department, Omaha</i>										
.....	.....	79	O 98	d	4	02	Ex	S	44C	F
New Hampshire										
<i>Dartmouth Medical School, Hanover</i>										
Nolan, John H.	216 E. 76th st., N. Y. C.	72	Ap92	e	5	97	Ex	S	61C	F
.....	.....	83	S 05	60eq	4	09	Ex	M	88O	P

d Preliminary education waived under statute.

e Seven regular subjects.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)
 Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
Ohio										
<i>Cleveland Homeopathic Medical College</i>										
Bieber, Edgar	4 W. Parade av., Buffalo, N. Y.	87	S 07	60x	2	.....	Px	M	75P	P
<i>College of Physicians and Surgeons, Cleveland (now Medical Department, Ohio Wesleyan University)</i>										
Carter, Arthur T.	1963 E. 84th st., Cleveland O.	81	S 03	60eq	5	08	Ex	S	77A	P
<i>Eclectic Medical Institute, Cincinnati</i>										
Seely, Charles W.	Afton, N. Y.	79	S 99	d	4	03	Ex	S	75A	P
<i>University of Cincinnati, Medical Department</i>										
Wright, Elisabeth W.	17 W. 101st st., N. Y. C.	76	00	60eq	3	03	IL	Jl	.....	.....
<i>Western Reserve University, Medical Department</i>										
Rockwood, Harry L.	Lakeide Hosp., Cleveland, O.	87	O 02	60x	5	09	Fx	Je	82P	P
Swados, Aron M.	99 Stanton st., N. Y. C.	83	M 01	60x	5	07	Ex	F	81O	P
Pennsylvania										
<i>Hahnemann Medical College and Hospital, Philadelphia</i>										
.....	.....	45	S 05	60eq	4	09	Fx ³	Je	59S	F
.....	.....	85	S 05	60pq	4	09	Ex ²	Je	62H	F
Lape, Charles P.	Cumberland St., Hosp., Brooklyn, N. Y.	88	S 04	60x	4	09	Fx	Je	75P	P
.....	.....	84	S 04	60eq	4	08	Ex	Je	61P	F
Walah, William T.	Cumberland St. Hosp., Brooklyn, N. Y.	82	S 04	60x	4	03	Ex ³	Je	75P	P
<i>Jefferson Medical College, Philadelphia</i>										
Cooke, T. Clarence	1700 Walnut st., Philadelphia, Pa.	82	S 02	60eq	4	06	Ex	M	75C	P
Crawford, James J.	Ray st. & Shelton av., Jamaica, N. Y.	85	O 03	60eq	4	07	Ex	F	77P	P
Fisher, Samuel L.	Kings County Hosp., Brooklyn, N. Y.	79	S 03	60pq	4	07	IL	O	.....	.....
.....	.....	81	S 01	60pq	5	06	Fx	S	72A	F
Gibson, George W.	71 Exchange st., Chicopee, Mass.	82	S 02	60eq	5	07	Ex	S	45C	P
Ginsburg, Samuel	308 S. 10th st., Philadelphia, Pa.	84	S 03	60eq	5	08	Ex	F	84A	P
Harris, Harry C.	131 Vanderbilt av., Brooklyn, N. Y.	86	S 04	60eq	4	08	IL	D	.....	.....
Kice, Luther H.	General Hosp., Paterson, N. J.	85	O 03	60eq	4	08	Ex	Je	75C	P
Killips, Thomas A.	Lima, N. Y.	79	S 01	60pq	4	08	Ex	S	75P	P
Luhr, Alfred F.	St Mary's, Pa.	80	O 01	60eq	4	05	Ex	S	75C	P
Moorman, Albert J.	177 Second av., N. Y. C.	83	S 03	60eq	4	07	Ex	F	85A	P
Nichols, Robert D.	605 D. S. Morgan bldg., Buffalo, N. Y.	72	O 95	60eq	4	99	IL	F	.....	.....
O'Reilly, Harry M.	94 Livingston st., Brooklyn, N. Y.	72	Q 92	d	4	96	IL	N	.....	.....
Smith, Max T.	Portville, N. Y.	82	S 02	60eq	4	66	Ex	F	80C	P
<i>Philadelphia University of Medicine and Surgery</i>										
Roesman, John	778 State st., Schenectady, N. Y.	47	N 66	.....	.....	63	Rec	Ap	.....	.....
<i>University of Pennsylvania, Medical Department, Philadelphia</i>										
Amalor, Edward S.	1331 Main st., Buffalo, N. Y.	81	O 02	60pq	4	06	Ex	F	77C	P
Berens, Conrad, jr.	1707 Arch st., Philadelphia, Pa.	89	O 07	60eq	2	.....	Px	Je	77C	P
Best, William H.	44 Palmetto st., Brooklyn, N. Y.	85	S 05	60x	4	09	Fx	Je	75P	P
Bowen, Albert	221 Oxford st., Rochester, N. Y.	83	S 07	60eq	2	.....	Px	Je	87C	P
Bridgman, T. Francis	449 W. 123d st., N. Y. C.	79	O 99	60eq	4	03	Ex	S	75C	P
Brown, Raymond W.	171 W. 71st st., N. Y. C.	85	S 05	60x	4	09	Ex	Je	84C	P
Clayton, John C.	Manhattan State Hosp., Wards Is., N. Y.	82	S 03	60eq	4	07	Ex	F	76C	P
Collins, Frank H.	877 Macy pl., N. Y. C.	78	4 02	60eq	4	06	Ex	F	80C	P
Davis, Frederick A.	320 Lamar st., Weatherford, Tex.	83	O 02	60eq	5	09	Fx	Je	80P	P
Hansell, Maurice T.	2682 Prospect av., N. Y. C.	82	O 04	60eq	4	08	IL	D	.....	.....
Holcomb, Carlos P.	202 S. Main st., Athens, Pa.	82	S 02	60eq	4	06	Ex	S	75C	P
Jones, John F. X.	1819 Chestnut st., Philadelphia, Pa.	81	O 03	60eq	4	07	IL	O	.....	.....
Sullivan, George F.	St Vincent's Hosp., 11th st. & 7th av., N. Y. C.	85	S 03	60eq	4	07	Fx	M	76C	P
Weldler, Walter B.	145 N. Duke st., Lancaster, Pa.	73	O 94	d	4	98	Ex	F	75C	P

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Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professionals		Examination	Month	Minimum	Average
			Matriculated	Counts	Years	Degree				
Pennsylvania (concluded)										
<i>Medico-Chirurgical College, Philadelphia</i>										
Horan, Michael J.	The Kessler, 46th st. & Lexington av., N. Y. C.	79	O 00	d	4	04	Ex	Je	51C	F
		77	O 03	60eq	4	07	Ex ²	S	75A	P
		78	F 99	d	4	05	Ex	M	58S	F
Mason, Frederic S.	90 Beekman st., N. Y. C.	58	O 05	60pq	4	09	Fx	Je	77P	P
<i>Western University of Pennsylvania, Pittsburg</i>										
Spiegelglas, Abraham B.	1574 St Mark's av., Brooklyn, N. Y.	86	O 03	60x	5	08	Ex ²	F	75A	P
<i>Woman's Medical College of Pennsylvania, Philadelphia</i>										
Bassett, Mary I.	Cooperstown, N. Y.	56	O 83	.....	4	87	Rec	Ap	.....	.....
Jeffers, Esther L.	Baby's Hosp., 135 E. 55th st., N. Y. C.	72	S 03	60eq	1	07	Ex	F	84P	P
		78	S 01	60eq	4	05	Ex	F	.....	P
Mentzer, Mary E. J.	152 W. 79th st., N. Y. C.	83	S 04	60eq	4	05	Ex	M	61C	P
South Carolina										
<i>Medical College of the State of South Carolina, Charleston</i>										
Lynah, Henry L.	Hoffman House, Broadway & 25th st., N. Y. C.	79	O 96	30x	5	00	Fx	F	77P	P
Tennessee										
<i>Vanderbilt University, Medical Department</i>										
Crigler, Lewis W.	210 E. 64th st., N. Y. C.	76	O 96	d	3	99	Ex	F	85D	P
<i>Meharry Medical Department, Walden University, Nashville</i>										
		76	O 98	60eq	3	.....	Pr ²	F	55P	F
Vermont										
<i>University of Vermont, College of Medicine, Burlington</i>										
Barber, Harry W.	213 Frank st., Rochester, N. Y.	80	J 03	60x	4	06	IL	S	.....	.....
Burdington, Walter I.	Fort Kent, N. Y.	84	S 04	60eq	4	08	IL	O	.....	.....
Chapman, Arthur W.	S. Glens Falls, N. Y.	81	N 03	60eq	4	07	IL	Ja	.....	.....
Gale, Clinton F.	Antonito, Col.	78	J 01	60eq	4	05	IL	O	.....	.....
Graves, James W.	Herkimer, N. Y.	84	O 03	60x	5	08	IL	S	.....	.....
Grinnell, William H.	Danby, Rutland co., Vt.	74	S 94	45x	3	97	IL	S	.....	.....
Hubbard, Samuel T.	Edgewater, N. J.	81	N 03	60eq	4	07	IL	D	.....	.....
Morey, George C.	City Bank bldg., Utica, N. Y.	42	F 64	.....	2	65	Rec	N	.....	.....
Nichols, Elwood A.	Massena, N. Y.	75	D 01	45eq	4	06	IL	F	.....	.....
Pierce, Herbert L.	Cumberland St. Hosp., Brooklyn, N. Y.	82	D 03	60eq	4	07	IL	O	.....	.....
Phillips, Charles W.	Arlington, Vt.	77	J 99	d	4	02	IL	F	.....	.....
Sargeant, Martin E.	Putnam, N. Y.	85	N 04	60eq	4	08	IL	M	.....	.....
Schroeder, William M.	322 St Nicholas av., N. Y. C.	68	O 96	30x	5	02	Fx	F	80A	P
Virginia										
<i>Medical College of Virginia, Richmond</i>										
		69	S 91	d	2	93	Ex	M	60A	F
<i>University of Virginia, Medical Department, Charlottesville</i>										
Kahn, Alfred.	203 W. 106th st., N. Y. C.	83	S 00	60x	4	04	IL	Ap	.....	.....
Wisconsin										
<i>Marquette University, Medical Department, Milwaukee</i>										
A.	Buffalo, N. Y.	79	O 04	60eq	4	08	Ex	S	83O	P
SCHOOLS IN FOREIGN COUNTRIES										
Austria										
<i>University of Vienna</i>										
Bosak, Salomon.	1333 Fifth av., N. Y. C.	84	O 03	60eq	5	08	Ex	M	80D	P

d Preliminary education waived under statute.

A Requirements not met.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

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			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
Belgium										
<i>University of Ghent</i>										
Op de Boeck, Fernand J. P.	120 W. 89th st., N. Y. C.	75	O 95	45eq	7	02	Ex	M	76A	P
Canada										
<i>McGill University, Montreal, Quebec</i>										
Blanchet, Sidney F.	Adirondack Cottage San., Trudeau, N. Y. Box 43.	82	S 00	60eq	5	08	Ex	F	77C	P
Chapman, Howard J.	299 Ridge st., Brooklyn, N. Y.	89	S 91	d	4	95	Ex	F	79A	P
Coburn, Josiah.	Hopewell Junction, N. Y.	79	S 03	60pq	4	07	Ex	F	75C	P
D'Avignon, Francis J. Jr.	Avonlea Forks, N. Y.	85	S 05	60x	4	09	Ex	Je	75C	P
Farwell, William G.	635 W. 135th st., N. Y. C.	43	O 64	d	4	88j	EA	D		
Orimmer, Roy D.	Hempstead, L. I.	83	S 01	60eq	4	05	IL	N		
King, Robert.	St Lawrence State Hosp., Ogdensburg, N. Y.	72	S 88	60eq	4	03	Ex	M	88A	P
Lawrence, Watson A.	Libon, N. Y.	78	S 05	60pq	4	09	Ex	Je	75A	P
Locke, Ernest E.	614 W. 135th st., N. Y. C.	84	S 03	60eq	4	07	Ex	S	79C	P
Richardson, Robert W.	Libon, N. H.	84	S 05	60eq	4	09	Ex	Je	75C	P
Turnbull, James W.	427 W. 59th st., N. Y. C.	74	S 02	60eq	4	06	Ex	S	82O	P
Turnbull, John A.	Clark's Harbor, Nova Scotia, Can.	76	S 96	d	4	00	Ex	Je	75D	P
<i>Ontario Medical College for Women, Toronto, Ontario</i>										
Baxter, Alice	St Lawrence State Hosp., Ogdensburg, N. Y.	72	O 02	60eq	4	06	Ex	F	81C	P
<i>Queens University School of Medicine, Kingston, Ontario</i>										
Bradley, Ross M.	416 Main st., Jamestown, N. Y.	80	S 04	60eq	4	08	Ex	S	80O	H
Dwyer, James G.	210 E. 64th st., N. Y. C.	81	O 99	60eq	5	06	Ex	Je	83H	P
Jones, Leonard W.	84 East av., Rochester, N. Y.	79	O 98	60pq	4	02	Ex	Je	88A	P
McCallum, Samuel	37 Queens st., Niagara Falls, Can.	79	O 02	60eq	4	06	Ex	F	83O	P
<i>Trinity Medical College, Toronto, Ontario</i>										
Drain, John F.	1288 Jefferson st., Buffalo, N. Y.	74	O 91	d	4	95	Ex [†]	Je	77F	P
Kerr, Henry K.	Hammond, N. Y.	57	O 77	d	4	81	ID	O		
<i>University of Bishop's College, Montreal, Quebec</i>										
Hays, Grosvener L. T.	Graniteville, Vt.	71	O 91	d	4	95	IL	O		
<i>University of Toronto, Ontario</i>										
Bray, Harry A.	N. Y. State Hosp. for Incurable Tuberculosis, Raybrook, N. Y.	80	O 00	60pq	4	04	Ex	F	85D	P
Cleaver, Ernest E.	356 W. 42d st., N. Y. C.	82	O 02	60eq	4	06	Ex	F	76C	P
Gibb, William B.	St John's Hosp., Brooklyn, N. Y.	87	O 04	60eq	4	08	Ex	F	80F	P
MacKenzie, Charles R.	Niagara Falls Gen., Ontario, Can.	85	O 04	60pq	4	08	Ex	M	75C	P
McLellan, Wilbert E.	Manhattan Eye & Ear Hosp., 210 E. 64th st., N. Y. C.	82	O 00	60pq	4	04	Ex	F	80D	P
Russell, John D.	Kings County Hosp., Clarkson st., Brooklyn, N. Y.	78	O 00	60eq	4	06	Ex	F	79A	P
<i>Victoria University, Coburg, Ontario</i>										
George, William R. S.	166 W. 123d st., N. Y. C.	57	76		5	88	Ct	Jl		
Finland										
<i>Imperial Alexander University, Helsinki</i>										
Rabergh, Herman	137 E. 57th st., N. Y. C.	78	94	45eq	6	00	Ex	S	75O	P
Germany										
<i>University of Berlin</i>										
Lauer, Julius C.	587 Broadway, L. I. City, N. Y.	70	91	30eq	8	02	Ex	S	30O	F
		58	D 87		6	93	ID	S		
Greece										
<i>University of Athens</i>										
Caruso, Constantine	203 E. 14th st., N. Y. C.	82	O 98	60eq	4	02	Ex	Je	75O	P

d Preliminary education waived under statute.
 † Indorsed on approval.

Physicians licensed at examinations, Aug. 1, 1908-July 31, 1909 (concluded)

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metric-substituted	Credits	Years	Degree				
Italy										
<i>University of Catania</i>										
Bonsignore, Anthony	202 Union st., Brooklyn, N. Y.	79	N 99	60eq	6	05	Fx ¹	F	75H	P
		68	N 93	60eq	6	09	Fx ²	Je	58S	F
		82	O 01	60eq	6	07	Fx ³	Je	70D	F
<i>University of Genoa</i>										
		82	O 02	60eq	6	08	Ex	Je	54S	F
<i>University of Naples</i>										
		76	N 99	60eq	6	05	Ex ²	S	35P	F
		66	Ja 93	60eq	6	08	Ex ²	S	450	F
Bellino, Pasquale	251 8th av., Newark, N. J.	73	N 92	60eq	6	05	Ex ²	S	560	F
		80	N 99	60eq	6	02	Fx ²	Je	56P	F
		76	N 96	60eq	5	07	Fx ²	Je	75P	F
Casalbore, Francesco S.	224 Thompson st., N. Y. C.	82	N 01	60eq	6	03	Fx ²	F	530	F
Caso, Michele	298 Pleasant av., N. Y. C.	77	N 97	60eq	6	06	Fx ²	F	480	F
		79	D 00	60eq	6	07	Fx ²	F	370	F
		47	64	60eq	6	03	Fx ²	Je	68P	F
		82	O 01	60eq	6	03	Ex ²	Je	75A	F
		76	N 97	60eq	6	03	Ex ²	Je	70D	F
Lombardo, Giacomo A.	541 Liberty av., Brooklyn, N. Y.	77	O 96	60eq	6	05	Fx ²	M	75A	F
		73	O 98	60eq	6	05	Fx ²	Je	67S	F
Marini, Francesco	304 E. 113th st., N. Y. C.	82	N 99	60eq	6	04	Ex ²	Je	63C	F
		79	N 93	60eq	6	05	Ex ²	S	560	F
		73	N 92	60eq	6	04	Ex ²	M	55A	F
		81	O 99	60eq	5	03	Ex ²	Je	39Pa	F
		69	O 88	60eq	6	06	Ex ²	F	66P	F
		71	O 90	60eq	6	03	Ex ²	F	75A	F
Tito, Tommaso	1809 Crotona av., N. Y. C.	69	S 96	60eq	6	03	Ex ²	F	56A	F
<i>University of Palermo</i>										
		56	O 78	60eq	6	08	Ex	Je	58Pa	F
		82	O 02	60eq	6	05	Px ²	Je	68C	F
		79	N 90	60eq	6	02	Ex	Je	59C	F
		74	J 95	60eq	6	02	Px	M	58P	F
		64	N 84	60eq	6	01	Ex ²	M	75A	P
<i>University of Pavia</i>										
Baldereschi, Balderescol	163 Bleecker st., N. Y. C.	75	O 95	60eq	6	05	Fx	F	75A	P
<i>University of Rome</i>										
Filice, Francesco E.	304 E. 113th st., N. Y. C.	78	N 99	60eq	6	05	Fx	F	75A	P
<i>University of Turin</i>										
Stampa, Francesco	69 W. 9th st., N. Y. C.	75	N 04	60eq	6	00	Ex	Je	560	F
		78	O 97	60eq	6	03	Ex	S	750	P
Russia										
<i>Imperial University of Dorpat</i>										
Friedman, Alexander	67 E. 85th st., N. Y. C.	63	Ag 81	45eq	5	86	Ex	F	75S	P
<i>Imperial University St Vladimir, Kiev</i>										
Wissotsky, Jankel M.	142 Ferry st., Newark, N. J.	74	S 96	60eq	6	03	Ex	Je	750	P
Scotland										
<i>University of Aberdeen</i>										
McGrigor, Henry J.	The Schuyler, 57 W. 45th st., N. Y. C.	77	O 93	45eq	6	98	Ex	F	860	P
<i>University of Edinburgh</i>										
Henderson, David K.	State Com. in Lunacy, Wards Is., N. Y.	84	M 01	60eq	6	07	Ex	F	79C	P
Switzerland										
<i>University of Bern</i>										
Berman, Sarah	607 Wlloughby av., Brooklyn, N.Y.	83	O 00	60eq	6	07	Ex ²	F	75H	P
<i>University of Zurich</i>										
Roth, Jacob J.	209 W. 118th st., N. Y. C.	82	M 03	60pq	5	08	Ex	S	810	P

Dentists licensed at examinations Aug. 1, 1908-July 31, 1909

Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
NEW YORK SCHOOLS										
<i>Coll. of Dental & Oral Surgery of N. Y.</i>										
Blum, Charles	3916 Ft. Hamilton av., Brooklyn, N. Y.	76	aPr to Ja 05	45x	3	09	Ex	F	75DP	P
Carr, Lewis H.	86 Montgomery st., Newburgh, N. Y.	79	O 06	60pq	3	09	Ex	Je	850	P
		70	O 06	87	3	09	Ex	Je	59C	P
		79	O 01	45pq	4	09	Ex	Je	68T	P
Curtis, Gertrude E.	471 Lenox av., N. Y. C.	83	O 06	80eq	3	09	Ex	Je	75T	P
De Camp, Charles A.	29 River st., Stamford, Ct.	75	Pr to Ja 05	45x	3	09	Ex	Je	75T	P
Eltowicz, Gilel	60 E. 114th st., N. Y. C.	80	O 06	80eq	3	09	Ex	Je	80DP	P
Goldman, David	44 Henry st., N. Y. C.	86	O 06	80x	3	09	Ex	Je	35DP	P
Gordon, Abraham I.	1571 Fulton av., N. Y. C.	78	O 06	80eq	3	09	Ex	Je	75T	P
Grosberg, Max W.	5 E. 101st st., N. Y. C.	88	O 06	60eq	3	09	Ex	Je	78C	P
Hall, Rose	94 E. 7th st., N. Y. C.	84	S 04	45eq	4	09	Ex	Je	75P	P
Hermann, Ida K.	165 Henry st., N. Y. C.	81	O 01	45pq	4	09	Ex	Je	75H	P
Horwitz, Rebecca	437 E. 147th st., N. Y. C.	84	O 06	60x	3	09	Ex	Je	75S	P
Klein, Julia A.	19 Henry st., N. Y. C.	84	O 04	45pq	3	09	Ex	Je	78T	P
Koob, Joseph J.	401 Grove st., Brooklyn, N. Y.	70	Pr to Ja 05	45x	3	09	Ex	Je	810	P
Kreitsberg, Benjamin	223 E. 4th st., N. Y. C.	81	Pr to Ja 05	45x	3	09	Ex	Je	76P	P
		81	O 04	45x	3	09	Ex	Je	69T	F
Lerner, Louis	151 Suffolk st., N. Y. C.	82	O 06	60x	3	09	Ex	Je	75H	P
Lewis, Arthur W.	20 Lafayette av., Brooklyn, N. Y.	84	O 06	60x	3	09	Ex	Je	78T	P
Lunenfeld, Bernard	Upton pl. & Maple st., Brooklyn Hills, Brooklyn, N. Y.	87	O 06	60x	3	09	Ex	Je	75T	P
McKeever, Eleanor M.	72 W. 124th st., N. Y. C.	86	Pr to Ja 05	45pq	3	09	Ex	Je	75S	P
McPhillips, Matthew F.	138 N. 8th st., Brooklyn, N. Y.	82	O 06	60eq	3	09	Ex	Je	76T	P
		78	S 03	60x	3	09	Ex	Je	62C	F
May, William M.	385 S. 4th st., Brooklyn, N. Y.	79	Pr to Ja 05	45x	3	08	Ex ²	S	79T	P
Pierson, Alfred H.	1997 Madison av., N. Y. C.	84	Pr to Ja 05	45x	3	09	Ex	Je	80T	P
Rosenblum, Joseph	16 Suffolk st., N. Y. C.	83	O 06	60pq	3	09	Ex	Je	81T	P
Rothenberg, Maurice F.	567 Gates av., Brooklyn, N. Y.	81	Pr to Ja 05	45x	3	09	Ex	Je	75H	P
Runde, Adam T.	571 E. 184th st., N. Y. C.	74	O 04	45x	3	08	Ex ²	S	75P	P
Scheckman, Herman N.	5 E. 101st st., N. Y. C.	81	O 06	60x	3	09	Ex	Je	820	P
Schneider, Esther	1136 Decatur st., N. Y. C.	88	O 04	45x	3	09	Ex	Je	75P	P
Schoen, David	1744 Washington av., N. Y. C.	87	O 06	60pq	3	09	Ex	Je	75T	P
Soloff, Samuel	128 Meserole st., Brooklyn, N. Y.	87	Pr to Ja 05	45x	3	08	Ex	F	75DP	P
Starke, George G.	1393 Franklin av., N. Y. C.	86	O 06	60eq	3	09	Ex	Je	830	P
Sterling, Ferdinand A.	1479 Bergen st., Brooklyn, N. Y.	84	O 05	60x	3	09	Ex	Je	87DP	P
Williams, Floyd E.	248 W. 54th st., N. Y. C.	84	O 04	45eq	3	09	Ex	Je	75T	P
Wright, George H.	1479 Bergen st., Brooklyn, N. Y.	81	O 05	60pq	3	09	Ex	Je	75C	P
Yoder, Ralph E.	1200 St John's pl., Brooklyn, N. Y.	76	O 06	60eq	3	09	Ex	Je	83S	P
<i>N. Y. Coll. of Dentistry</i>										
Arkin, David N.	152 W. 98th st., N. Y. C.	81	O 06	60pq	3	09	Ex	Je	780	P
Asch, Jacob	319 Convent av., N. Y. C.	87	O 06	60pq	3	09	Ex	Je	79P	P
Berger, Adolph	239 9th av., N. Y. C.	82	O 06	60x	3	09	Ex	Je	77T	P
Bernstein, Alexander S.	66 First av., N. Y. C.	86	O 05	60pq	3	08	Ex	S	840	P
Blum, Henry	11 E. 101st st., N. Y. C.	77	O 06	60x	3	09	Ex	Je	75T	P
Both, Hans	2369 Seventh av., N. Y. C.	87	O 06	60pq	3	09	Ex	Je	80T	P
Boughton, Arthur H.	67 Delavan av., Newark, N. J.	82	Pr to Ja 05	45pq	3	09	Ex	Je	80T	P
Browd, David K.	11 E. 117th st., N. Y. C.	79	Pr to Ja 05	45x	3	09	Ex	Je	81DP	P
Brownston, Samuel W.	205 E. 124th st., N. Y. C.	82	Pr to Ja 05	45x	3	08	Ex	S	75P	P
Brush, Roger C.	Huntington, L. I., N. Y.	83	O 06	60x	3	09	Ex	Je	810	P
Bugden, Frank E.	New Rochelle, N. Y.	87	O 05	60x	3	09	Ex	Je	78C	P
Cohen, Joseph M.	263 Cherry st., N. Y. C.	86	O 08	60x	3	09	Ex	Je	77T	P

a "Pr to" indicates that the matriculation of the candidate following the abbreviation occurred at some date prior to that given which is the turning point for an advancing requirement

Dentists licensed at examinations Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Courses	Years	Degree				
<i>N. Y. Coll. of Dentistry (continued)</i>										
Crossman, Victor W.	750 St John's pl., Brooklyn, N. Y.	74	98	45eq Pr to 1 Ja 96	4	08	Ex	S	81S	P
Faass, Arthur P.	40 Court st., Utica, N. Y.	75	0 93	Pr to Ja 05	3	97	Ex ²	M	75C	P
Feinberg, Arthur	68 Norfolk st., N. Y. C.	85	55	45x	3	08	Ex	S	80S	P
Feltelson, Jacob	191 E. 3d st., N. Y. C.	85	Ja 05	45x	3	08	Ex	S	78P	P
Feldman, Max H.	21 E. 118th st., N. Y. C.	87	0 06	60eq	3	09	Ex	Je	81P	P
Feldman, Morris H.	394 Sackman st., Brooklyn, N. Y.	83	Ja 05	45x	3	09	Ex	Je	76P	P
Finkelstein, Frank	223 1/2 Market st., Paterson, N. J.	87	0 06	60eq	3	09	Ex	Je	75P	P
Franken, Sigmund W. A.	245 E. 72d st., N. Y. C.	88	0 06	60pq	3	09	Ex	Je	79DP	P
		84	0 05	60pq	3	09	Ex	Je	47C	F
Gates, Charles P.	908 Highland av., Newark, N. J.	72	0 91	2 93	2	93	ID	Ap		
		87	0 06	60eq	3	09	Ex	Je	69T	F
Goldman, Aaron	255 Broome st., N. Y. C.	87	0 06	60pq	3	09	Ex	Je	80T	P
Goldstein, Jacob W.	155 Harrison av., Brooklyn, N. Y.	82	Ja 05	45x	3	09	Ex	Je	77T	P
Greenberg, Myron	1223 Market st., N. Y. C.	87	0 06	60pq	3	09	Ex	Je	84O	P
Greenstein, Jacob	54 E. 105th st., N. Y. C.	82	0 06	60x	3	09	Ex	Je	79T	P
		82	Ja 05	45x	3	09	Ex	Je	59T	F
		83	0 03	45x	3	09	Ex	Je	60P	F
Halmowitz, Sigmund S.	54 St Mark's pl., N. Y. C.	88	0 06	60eq	3	09	Ex	Je	78T	P
Herman, Jacob	165 Henry st., N. Y. C.	83	0 06	60x	3	09	Ex	Je	75T	P
Heyman, George H.	309 E. 57th st., N. Y. C.	87	Ja 05	45x	3	09	Ex	F	75DP	P
Holsman, Sidney H.	1024 Bushwick av., Brooklyn, N. Y.	86	0 05	60pq	3	08	Ex	S	80T	P
Horwitz, Solomon	212 E. 102d st., N. Y. C.	84	1 Ja 05	45x	3	09	Ex	Je	75T	P
Kantro, Jacob M.	2096 Third av., N. Y. C.	84	0 04	45pq	3	08	Ex	S	77O	P
Koempel, John A.	318 E. 160th st., N. Y. C.	83	0 04	60eq	3	08	Ex	S	75C	P
Labin, Leon	140 Orchard st., N. Y. C.	82	0 06	60pq	3	09	Ex	Je	78T	P
Levine, Robert G.	10 E. 110th st., N. Y. C.	87	0 04	45x	3	09	Ex	Je	75H	P
Levitich, Samuel	66 E. 119th st., N. Y. C.	86	0 05	60eq	3	08	Ex	Je	81T	P
Lifshits, Jacob O.	1377 Clay av., N. Y. C.	87	0 05	60x	3	09	Ex	Je	79O	P
Lindsay, Elmer A.	321 St Nicholas av., N. Y. C.	86	0 06	60x	3	09	Ex	Je	78T	P
London, Emanuel	105 Henry st., N. Y. C.	83	0 06	60x	3	09	Ex	Je	75T	P
Luckey, Benjamin F.	83 Broadway, Paterson, N. J.	58	0 77	2 79	2	79	ID	Ja		
Lustgarten, Benjamin J.	5 W. 112th st., N. Y. C.	87	Ja 05	45pq	3	09	Ex	Je	90T	P
Male, Hyman	101 W. 114th st., N. Y. C.	84	0 04	45x	3	08	Ex ²	F	75T	P
Margolis, Edward H.	119 W. 60th st., N. Y. C.	78	0 03	60x	3	08	Ex ²	M	76O	P
		80	1 Ja 05	45x	3	09	Ex	Je	67T	F
Moreau, Henry L.	318 William st., Port Chester, N. Y.	76	Ja 05	45pq	3	08	Ex	S	73DP	P
Nadelson, Philip	155 Division av., Brooklyn, N. Y.	87	Ja 05	45pq	3	08	Ex	M	75DP	P
Needles, Carl	209 E. 114th st., N. Y. C.	87	0 05	60x	3	08	Ex	S	80O	P
Osola, Morris L.	321 8 th av., Brooklyn, N. Y.	83	0 06	60pq	3	09	Ex	Je	75T	P
Palmer, Ray S.	453 Sixth av., N. Y. C.	75	0 06	60x	3	09	Ex	Je	83T	P
Pentz, James B.	64 Central av., Tompkinsville, S. I.	82	S 07	60x	*2	09	Ex	Je	75T	P
Peters, John L.	1517 Hone av., Westchester, N. Y.	72	94	subj. x	3	09	Ex	Je	75H	P
Rachlin, John	48 Tompkins av., Brooklyn, N. Y.	84	Ja 05	45x	3	09	Ex	Je	75T	P
Ritter, Max	61 St Mark's pl., N. Y. C.	87	0 06	60pq	3	09	Ex	Je	75P	P
Rosenberg, Abraham	458 Myrtle av., Brooklyn, N. Y.	87	0 04	45pq	3	08	Ex	Je	75H	P
Rosenblatt, Morris	253 Stockton st., Brooklyn, N. Y.	86	0 05	60pq	3	08	Ex	Je	75H	P
Rosenkrans, Harry	31 First st., N. Y. C.	83	0 04	45x	3	08	Ex	S	75T	P
Schneer, Jacob B.	103 Second av., N. Y. C.	87	0 06	60x	3	09	Ex	Je	80T	P
Schwarz, Jacob	1658 Madison av., N. Y. C.	80	0 06	60eq	3	09	Ex	Je	80P	P
Schwetzer, Heinrich	130 W. 47th st., N. Y. C.	74	M 92	60eq	3	09	Ex	Je	75H	P
Sneider, Harrison V.	67 Orchard st., Bloomfield, N. J.	78	0 06	60x	3	09	Ex	Je	75H	P
Shapiro, Benjamin D.	1848 Prospect pl., Brooklyn, N. Y.	85	0 06	60x	3	09	Ex	Je	84DP	P

* Holds M.D. degree.

Dentists Licensed at examinations Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
<i>N. Y. Coll. of Dentistry (concluded)</i>										
Sheff, Samuel	103 Second av., N. Y. C.	84	O 06	60x	3	09	Ex	Je	810	P
Singer, Alexandre	88 E. 7th st., N. Y. C.	82	O 05	60x	3	09	Ex	Je	75T	P
Smorack, Samuel G.	201 Second st., N. Y. C.	87	O 06	60pq	3	09	Ex	Je	79T	P
Sobelman, Nathan	144 DeLancey st., N. Y. C.	88	O 06	60pq	3	09	Ex	Je	75DP	P
Stavisky, Nathan M.	92 Rivington st., N. Y. C.	86	O 06	60x	3	09	Ex	Je	77T	P
Steinberg, Martin	1166 Liberty av., Brooklyn, N. Y.	86	O 04	45pq	3	09	Ex	Je	75T	P
Steinberg, Solomon	1469 Lexington av., N. Y. C.	86	O 04	45pq	3	08	Ex	Je	75P	P
Tichenor, Walter K.	2117 Madison av., N. Y. C.	73	O 02	45x	3	06	Ex	S	768	P
Pr to										
Walker, Arthur C.	87 New st., Newark, N. J.	85	Ja 05	45x	3	09	Ex	Je	79P	P
Weissmann, Eugene	79 Avenue D, N. Y. C.	80	O 06	60pq	3	09	Ex	Je	77P	P
Wolff, William H.	12 E. 131st st., N. Y. C.	86	O 02	45x	3	07	Ex	M	68T	P
Zametkin, Joel M.	315 Canal st., N. Y. C.	88	O 06	60pq	3	09	Ex	Je	79P	P
Zametkin, Joel M.	315 Canal st., N. Y. C.	88	O 06	60eq	3	09	Ex	Je	79DP	P
<i>Univ. of Buffalo, Dental Department</i>										
Arnold, Arthur W.	6 Prospect st., Ilion, N. Y.	85	O 06	60x	3	09	Ex	Je	880	P
Pr to										
Balts, Arthur G.	78 W. Oakwood pl., Buffalo, N. Y.	86	Ja 05	45x	3	09	Ex	Je	75P	P
Bidwell, Leon U.	Wolcott, N. Y.	86	O 06	60x	3	09	Ex	Je	78T	P
Black, Harley W.	89 S. Main st., Homer, N. Y.	85	O 06	60pq	3	09	Ex	Je	82C	P
Callahan, Leo D.	St Johnsville, N. Y.	86	O 06	60x	3	09	Ex	Je	768	P
Earley, B. Judd	500 Chadakone bldg., Jamestown, N. Y.	87	O 06	60x	3	09	Ex	Je	80H	P
Flagg, Emory W.	21 Division st., Salamanca, N. Y.	83	J 06	60pq	3	09	Ex	Je	84T	P
Galvin, Eugene A.	357 Porter av., Buffalo, N. Y.	82	O 06	60pq	3	09	Ex	Je	75H	P
Gov, James C.	491 Porter av., Buffalo, N. Y.	96	O 06	60x	3	09	Ex	Je	76P	P
Heiss, Henry V.	25 Oak st., Binghamton, N. Y.	87	O 06	60pq	3	09	Ex	Je	76P	P
		88	O 06	60x	3	09	Ex	Je	60C	F
		86	O 06	60eq	3	09	Ex	Je	39P	F
Kasmerczak, Anthony L.	159 Stanislaus st., Buffalo, N. Y.	82	O 04	45eq	4	08	Ex	Je	75DP	P
Kutyn, Michael	774 Prospect av., N. Y. C.	73	Mr 98	45eq	3	09	Ex	Je	84T	P
Lewis, Edward	828 West av., Buffalo, N. Y.	75	O 06	60x	3	09	Ex	Je	77T	P
Loeffler, Harry E.	8 Cutting Flats, Ann Arbor, Mich.	86	S 04	60pq	3	07	Ex	M	760	P
McRedmond, Dennis F.	44 Christy st., N. Y. C.	84	O 04	45x	3	08	Ex	S	75C	P
Maxwell, Maximus L.	426 N. Division st., Buffalo, N. Y.	85	O 06	60pq	3	09	Ex	Je	75C	P
		83	O 03	60x	3	07	Ex	Je	56C	F
Pansica, Joseph P.	257 Seventh st., Buffalo, N. Y.	86	O 05	60x	3	08	Ex	S	80C	P
Small, Charles H.	Titusville, Pa.	84	O 05	60eq	3	08	Ex	S	75DP	P
Storms, Chelsea L.	230 Connecticut st., Buffalo, N. Y.	79	O 06	60eq	3	09	Ex	Je	76H	P
Tench, Russell W.	1353 Jefferson st., Buffalo, N. Y.	86	O 06	60x	3	09	Ex	Je	830	P
Waite, Harold E.	Little Valley, N. Y.	85	O 05	60pq	3	08	Ex	S	75C	P
Ward, Job M.	Penn Yan, N. Y.	88	O 06	60x	3	09	Ex	Je	830	P
<i>Indexed on transcript of registration</i>										
Defendorf, Wilson L.	220 Broadway, N. Y. C. (New York co.) '79	80					Ct	Ap		
Sleicher, Simon	345 Grand st., Brooklyn, N. Y. (Kings co.) '79	48					Ct	D		
Williams, William H. H.	3100 Broadway, N. Y. C. (Sullivan co.) '79	37					Ct	D		
<i>Colorado</i>										
<i>Colo. Coll. of Dental Surgery, Denver</i>										
Wolfson, Nathan	79 E. 116th st., N. Y. C.	68	O 01	45eq	4	05	Ex	S	75DP	P
<i>District of Columbia</i>										
<i>George Washington Univ., Washington</i>										
Shea, James E.	273 W. Chemung pl., Elmira, N. Y.	83	S 04	45x	3	07	Ex	M	82A	P
<i>Georgetown University, Dental Department, Washington</i>										
Griffin, John J.	110 Central st., Waltham, Mass.	77	O 00	60eq	3	04	Ex	S	75S	P
Murnighan, Richard J.	9 Elk st., Amsterdam, N. Y.	85	O 04	60x	3	07	Ex	M	75P	P
<i>Illinois</i>										
<i>Northwestern University, Dental School, Chicago</i>										
Stevens, Alice M.	88 State st., Troy, N. Y.	69			3	97	ID	O		

Dentists licensed at examinations Aug. 1, 1908-July 31, 1909 (continued)

Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Metriculated	Credits	Years	Degree				
Maryland										
<i>Baltimore College of Dental Surgery</i>										
Beach, Erwin J.	109 Ridgewood av., Newark, N. J.	71	O 89		3	92	ID	M		
Beal, Thomas A.	Clariks Mills, Pa.	62	N 88		2	90	ID	F		
Burgess, James K.	12 W. 46th st., N. Y. C.	70	O 89		2	91	ID	Je		
Mason, Edgar F.	Yonkers av., & Wilbur st., Yonkers, N. Y.	77	O 05	60eq	3	08	Ex	S	908	P
Small, Percy L.	14 Foster st., Danbury, Ct.	85	O 06	60eq	3	C9	Ex	Je	75T	P
		81	O 06		3	09	Ex	Je	75C	P
White, William A.	Phelps, N. Y.	57	S 79		2	81	ID	Ja		
<i>Baltimore Medical College, Dental Department</i>										
Buckley, George J.	42 R. R. av., Hooisick Falls, N. Y.	82	O 05	60pq	3	08	Ex	F	75C	P
Samuel, George Henry	155 Ontario st., Cohoes, N. Y.	83	Pr to Ja 05	45x	3	09	Ex	Je	75P	P
<i>University of Md., Dental Department, Baltimore</i>										
Bush, Walter G.	Malone, N. Y.	81	O 02	45pq	3	05	II	D		
Rosengardt, Solomon	402 Bradford st., Brooklyn, N. Y.	82	O 04	45eq	3	07	EX ²	M	75DP	P
Massachusetts										
<i>Boston Dental College (Now Tufts College Dental School)</i>										
Ryder, Francis A.	Blakstown, N. J.	76	Fr to 96		3	99	ID	Ag		
<i>Harvard University Dental School, Boston</i>										
		63		57 15eq	4	08	EX ³	F	38C	F
<i>Tufts College Dental School, Boston</i>										
Burr, Le Roy E.	146 Pine st., Kingston, N. Y.	88	S 06	60x	3	09	Ex	Je	78P	P
Manster, James B.	37 W. 118th st., N. Y. C.	72	S 01	60x	3	04	IL	Ap		
Michigan										
<i>University of Michigan College of Dental Surgery, Ann Arbor</i>										
Babcock, Adelbert H.	The Hermitage, Broadway & 42d st., N. Y. C.	73	S 92		2	94	Ct	Ag		
Burley, Wright J.	Massena, N. Y.	84	O 05	60x	3	08	Ex	S	76T	P
Burns, Elmer F.	1371 Main st., Buffalo, N. Y.	82	O 05	60x	3	08	Ex	S	75T	P
Mobley, Lewis K.	28 E. 61st st., N. Y. C.	86	S 04	60eq	3	07	Ex	M	77P	P
O'Neill, Walter B.	28 Saxton st., Rochester, N. Y.	85	S 05	60pq	3	08	Ex	F	75T	P
Smith, Claude B.	190 Lewis st., Geneva, N. Y.	83	S 03	60x	4	07	Ex ⁴	S	75P	P
Spore, Flora M.	133 E. 30th st., N. Y. C.	80	O 96	45eq	3	99	ID	N		
Missouri										
<i>Kansas City Dental College</i>										
Schumann, Washington E.	1207 Park av., Alameda, Cal.	75	O 95		3	98	ID	Ag		
<i>Washington Univ. (Missouri Dental College) St Louis</i>										
Cunningham, Peter T.	35 W. 42d st., N. Y. C.	71	O 92		3	95	ID	Ap		
<i>Western Dental College, Kansas City</i>										
		83	S 02	60eq	4	06	Ex	F	40A	F
Ohio										
<i>Cincinnati College of Dental Surgery</i>										
Stimpkinson, Charles W.	Avenue M & E. 22d st., Brooklyn, N. Y.	71		90	2	93	ID	S		
<i>Western Reserve University, College of Dentistry, Cleveland</i>										
Hervey, George E.	351 W. 114th st., N. Y. C.	72	S 84		4	98	ID	F		
Pennsylvania										
<i>Medico-Chirurgical College, Dental Dep't, Philadelphia</i>										
		86	O 04	45pq	4	09	Ex	Je	67T	F
		78	O 04	45pq	3	09	Ex	Je	60C	F
Hawley, Francis J.	7147 Frankstown av., Pittsburg, Pa.	79	O 01	45eq	3	04	IL	N		
		87	O 06	60pq	3	09	Ex	Je	70P	F

a Requirements not fully met.

Dentists licensed at examinations Aug. 1, 1908-July 31, 1909 (concluded)

Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Matriculated	Credits	Years	Degree				
<i>Penn. Coll. of Dental Surgery, Phila.</i>										
Anderson, Arthur E.	W. Somers, N. Y.	83	S 03	60eq	3	06	Ex	S	75T	P
Courtney, Albine G.	299 Broadway, N. Y. C.	85	S 06	60eq	3	09	Ct Ex	S Je	65C	F
Dressor, William H.	Watertown, N. Y., Route A, Box 106	47	N 77		1	78	ID	Jl		
Fallon, Harry C.	7 Sixth st., Troy, N. Y.	87	O 05	60x	3	08	IL	Ag		
Greenberg, Adolph	2180 Third av., N. Y. C.	75	Ja 05	45eq	3	08	IL	S		
Hartzel, George W.	201 Lyell av., Rochester, N. Y.	84	S 92		3	95	Ct	Ap		
Lowenstein, Morris S.	3117 Diamond st., Phila., Pa.	82	S 00	60eq	3	03	IL	Jl		
Mahkin, Samuel R.	13th av. & 41st st., N. Y. C.	73	O 06	60x	3	09	Ex	Je	75P	F
Tower, Guy C.	Shelburne Falls, Mass.	82	O 03	45x	4	08	Ex	Je	57C	F
Tower, Guy C.	Shelburne Falls, Mass.	73	O 95		3	99	ID	O		
Wolfman, Joseph	56 Graham av., Brooklyn, N. Y.	76	Pr to Ja 05	45x	3	08	IL	Ag		
<i>Philadelphia Dental College</i>										
Castillo, Samuel	263 W. 127th st., N. Y. C.	83	O 04	45pq	3	07	Ex	M	78O	P
Chamberlain, William D.	421 W. Orange st., Lancaster, Pa.	82	S 04	60eq	3	07	IL	S		
Ermann, Frederick P.	174 E. Main st., Rochester, N. Y.	85	O 04	45eq	3	07	IL	S		
Ferguson, Harrison W.	Canandaigua, N. Y.	80	O 00	45eq	3	03	IL	Ap		
Grove, Edward P.	705 Philadelphia st., Indiana, Pa.	67			3	97	ID	Ag		
Mason, Burr T.	238 Oneida st., Fulton, N. Y.	82	S 05	60x	3	08	IL	F		
Scammon, Herbert L.	Lincoln Center, Me.	84	S 04	45eq	3	07	IL	Mr		
Schmutz, Louis R.	Hamilton Court, 501 W. 143d st., N. Y. C.	78	93	45eq	4	02	IL	Ag		
Schmutz, Louis R.	Hamilton Court, 501 W. 143d st., N. Y. C.	79	Pr to Ja 05	45x	3	08	Ex	F	30C	F
<i>University of Penn., Dept. of Dentistry, Philadelphia</i>										
Barnard, William E.	1077 Prospect pl., Brooklyn, N. Y.	69	S 88		2	90	ID	S		
Carshore, William J. jr	254 Riverdrive, Passaic, N. J.	80	O 96	45x	3	01	ID	F		
Chance, Charles	912 S. 48th st., Philadelphia, Pa.	85	S 04	45eq	4	08	IL	O		
Criley, Ellsworth T.	144 Bidwell av., Jersey City, N. J.	82	O 05	60pq	3	08	Ex ²	S	75T	P
Delaney, John T.	1378 Lexington av., N. Y. C.	87	S 05	60eq	3	08	IL	O		
Farmer, Glen P.	29 E. 31st st., N. Y. C.	86	O 05	60x	3	08	IL	Ap		
Fennell, Matthias	416 W. Clinton st., Elmira, N. Y.	81	S 05	60pq	3	08	IL	Ja		
Ferrin, Whitman G.	125 W. Center st., Mahanoy City, Pa.	80	S 02	60x	3	05	IL	Ap		
Hahn, Morton S.	5134 Delancey st., W. Philadelphia, Pa.	86	S 05	60pq	3	08	Ex	Je	50C	F
Hequembourg, Albert D.	736 Central av., Dunkirk, N. Y.	84	O 05	60x	3	08	IL	Mr		
O'Connor, George G.	Parry bldg., Langhorne, Pa.	82	S 03	60x	3	06	IL	F		
Orton, Irvine A.	295 Central av., Rochester, N. Y.	80	O 00	45eq	3	04	IL	S		
Prensky, William S.	809 Willoughby av., Brooklyn, N. Y.	82	Ja 05	45pq	3	08	IL	S		
Read, Frank, jr.	1453 Spruce st., Philadelphia, Pa.	73	O 98	45eq	3	01	IL	D		
Reynolds, Harry F.	17 Washington st., Carbondale, Pa.	72	S 93	45eq	3	96	ID	Ja		
Shaddock, Alfred C.	1417 75th st., Brooklyn, N. Y.	82	O 04	60pq	3	07	IL	O		
Sherman, Frank M.	8 Denver st., Rochester, N. Y.	96	O 2	45pq	3	05	IL	Ja		
Singer, Louis T.	480 Rockaway av., Brooklyn, N. Y.	83	Pr to Ja 05	45x	3	08	IL	S		
Stark, Adolph D.	122 Federal st., Greenfield, Mass.	84	Ja 05	45eq	3	08	IL	Ag		
Stiles, Charles G.	23 Bodine st., W. N. Brighton, S. I.	81	S 05	60eq	3	08	IL	M		
Waddell, Ralph W.	3338 Walnut st., Philadelphia, Pa.	76	O 95		3	93	ID	F		
Wallace, William R. J.	Canandaigua, N. Y. Box 2461	83	S 04	45eq	3	08	IL	D		
Weinberger, Bernhard W.	Hotel St. Lorens, 72d st. & Lexington av., N. Y. C.	85	Pr to Ja 05	45pq	3	08	IL	D		
<i>Tennessee</i>										
Powell, James D.	Vanderbilt Univ., Dept. of Dentistry, 60 W. 10th st., N. Y. C.	77	O 95		3	98	ID	Ap		
Sachter, Henry G.	Under exemption laws 1908, chapter 10, 66 McKibben st., Brooklyn, N. Y.	76					Ex ³	S	75C	P

Veterinarians licensed at examinations Aug. 1, 1908-July 31, 1909
Group 1, New York schools; group 2, schools without the State

NAME	ADDRESS	Year of birth	EDUCATION				LICENSE		STANDING	
			Preliminary		Professional		Examination	Month	Minimum	Average
			Multiple-choice	Counts	Years	Degrees				
NEW YORK SCHOOLS										
<i>New York American Veterinary College</i>										
Athleison, Charles S.	987 Herkimer st., Brooklyn, N. Y.	75	S 95	1 Ja 96	3	98	Ex ²	F	85C	P
		83	S 01	30x	3	08	Ex	Je	61O	P
Griesman, Louis	1049 Lexington av., N. Y. C.	82	S 04	30x	5	09	Ex	Je	75O	P
King, Roland T.	386 Lincoln av., Richmond Hill, L. I.	77	S 99	30x	3	02	Ex	Je	75O	P
Towner, Albert N.	Townara, N. Y.	87	S 04	30eq	4	08	Ex	S	75Pa	P
		84	S 04	60eq	3	07	Ex	S	62C	P
<i>New York State Veterinary College at Cornell University</i>										
Bell, John B.	Ceres, N. Y.	86	S 06	60pq	3	09	Ex	Je	80A	P
Bell, Ralph	Ceres, N. Y.	77	S 06	60x	3	09	Ex	Je	77A	P
Bennett, Walter D.	Ovid, Seneca co., N. Y.	81	S 06	60x	3	09	Ex	Je	80A	P
Benson, Luther J.	Dover Plains, N. Y.	88	S 06	60x	3	09	Ex	Je	80A	P
Buchanan, Ira	107 Second st., Ithaca, N. Y.	79	S 06	60x	3	09	Ex	Je	80A	P
Finnegan, Christo- pher R.	137 Monroe st., Buffalo, N. Y.	83	S 06	60x	3	09	Ex	Je	78T	P
Fitch, Earl W.	Springville, N. Y.	85	S 06	60x	3	09	Ex	Je	78S	P
Hewitt, James H.	Gouverneur, N. Y.	82	S 04	60x	5	09	Ex	Je	80Pa	P
Hoyt, Clarence J.	Cohocton, N. Y.	88	S 06	60x	3	09	Ex	Je	80Pa	P
Koenig, Fred F.	113 Union st., Rockville, Ct.	83	S 06	60eq	3	09	Ex	Je	79a	P
Leonard, John L.	Spencer, N. Y.	85	S 06	60x	3	09	Ex	Je	80Pa	P
Little, George W.	7th av. & Union st., Brooklyn, N. Y.	86	S 06	60x	3	09	Ex	Je	79P	P
McCartney, John	Montgomery, N. Y.	78	S 06	60x	3	09	Ex	Je	80S	P
McClelland, Frank E.	Walton, N. Y.	88	S 06	60x	3	09	Ex	Je	80Pa	P
Miller, Charles J.	Groton, N. Y.	81	S 06	60x	3	09	Ex	Je	80Pa	P
Polk, Leroy V.	College av., Poughkeepsie, N. Y.	88	S 04	70x	4	08	Ex	M	88A	P
Risley, Harry B.	Thompsonville, Ct.	86	S 06	60eq	3	09	Ex	Je	80Pa	P
Schalberg, Alfred M.	127 Dryden road, Ithaca, N. Y.	85	S 06	60x	3	09	Ex	Je	80S	P
Stephenson, Roy L.	22 Washington st., Ogdensburg, N. Y.	86	S 06	60x	3	09	Ex	Je	78A	P
Townsend, John V.	Trumansburg, N. Y.	83	S 06	60x	3	09	Ex	Je	80S	P
Udall, Dennis H.	967 E. State st., Ithaca, N. Y.	74	S 95	60eq	5	01	Ex	Je	75O	P
Willson, Frederic C.	524 W. 160th st., N. Y. C.	83	S 04	20x	2	07	Ex ²	F	78O	P
Wood, Frank S.	11 Main st., Shelburne Falls, Mass.	86	S 06	60eq	3	09	Ex	Je	80Pa	P
Woodside, James H.	4 High st., Binghamton, N. Y.	81	S 06	60pq	3	09	Ex	Je	80A	P
<i>Indorsed on transcript of registration</i>										
Hill, Joseph G.	428 Main st., Fitchburg, Mass. (Wayne county '93)	68					Ct	Je		
Pennsylvania										
<i>University of Pennsylvania, School of Veterinary Medicine, Phila.</i>										
Schloemer, Charles C.	1047 Prospect av., N. Y. C.	81	S 04	60eq	3	07	Ex	F	80O	P
Italy										
<i>Royal Superior School of Bologna University</i>										
Cavazzi, Giulio	380 Broome st., N. Y. C.	79	O 93	30eq	4	02	Ex	M	75P	P

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909

GROUP 1, NEW YORK SCHOOLS]

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Albany Hospital Training School</i>				
Archer, Rachel Eleanor...	Nurses Home, Albany Hosp., Albany, N. Y.	09	Je 09	.....
Birch, L. Edna.....	108 Chestnut st., Albany, N. Y.	09	Je 09	.....
Browne, Mary A.....	293 Hamilton st., Albany, N. Y.	08	Je 09	.....
Faulkner, Una Teresa.....	92 Jay st., Albany, N. Y.	09	Je 09	.....
Ford, Stella Moore.....	278 Hamilton st., Albany, N. Y.	07	F 09	.....
Hilke, Cordelia Howard.....	275 Hudson av., Albany, N. Y.	09	Je 09	.....
Holly, Eleanor V.....	108 Chestnut st., Albany, N. Y.	09	Je 09	.....
McLean, Mary Agnes.....	146 Second st., Albany, N. Y.	08	Je 09	.....
Wooster, Carrie May.....	293 Hamilton st., Albany, N. Y.	09	Je 09	.....
<i>Amsterdam City Hospital Training School</i>				
Stewart, Mary B.....	Care City Hosp., Amsterdam, N. Y.	09	Je 09	.....
.....	.....	09	Je 09	.....
<i>Arnot-Ogden Memorial Hospital</i>				
McIntosh, Christiana B....	1239 Pratt st., Elmira, N. Y.	09	Je 09	.....
<i>Bellevue Hospital-Mills Training School</i>				
Brown, Harry D.....	113 East 28th st., N. Y. C.	06	Je 09	.....
Cole, George I.....	113 East 28th st., N. Y. C.	08	.....	Je 09
English, William John.....	113 East 28th st., N. Y. C.	00	.....	Mr 09
Fore, John Henry.....	113 East 28th st., N. Y. C.	04	.....	Ap 09
Gavin, Joseph.....	1044 Fifth av., N. Y. C.	02	.....	Mr 09
Johnson, John Peter.....	113 East 28th st., N. Y. C.	03	.....	Mr 09
Lomber, Frank Timothy.....	113 East 28th st., N. Y. C.	01	.....	Mr 09
Tempest, Elmer Wood.....	151 Decatur st., Brooklyn, N. Y., care Mrs George Seager.....	05	.....	Ap 09
<i>Bellevue Hospital Training School</i>				
Arthur, Lennie B.....	440 East 26th st., N. Y. C.	08	Je 09	.....
Ball, Florence Irene.....	Middletown, N. J.	06	Je 09	.....
Christin, Anna Coron.....	440 East 26th st., N. Y. C.	08	Je 09	.....
Colemar, Cecelia.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Cosgrove, Grace Constance.....	144 East 60th st., N. Y. C.	09	Je 09	.....
Devennie, Elizabeth.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Egginton, Helen J.....	25 St Nicholas av., N. Y. C.	07	F 09	.....
Fraser, Evelyn.....	272 Manhattan av., N. Y. C.	09	Je 09	.....
Frost, Hattie M.....	Bellevue Hosp., E. 26th st., N. Y. C.	07	Je 09	.....
Hill, Gertrude F.....	808 Lexington av., N. Y. C.	03	.....	O 08
Irving, Adelaide.....	440 East 26th st., N. Y. C.	08	Je 09	.....
Knelly, Sue M.....	646 W. Diamond av., Hazleton, Pa.	09	Je 09	.....
MacHugh, Cecelia A.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Mann, Alice V.....	272 Manhattan av., N. Y. C.	08	Je 09	.....
Melvin, Mary R.....	272 Manhattan av., N. Y. C.	05	F 09	.....
O'Connor, Mary A.....	113 West 96th st., N. Y. C.	09	Je 09	.....
Perry, Helen Hastings.....	440 East 26th st., N. Y. C., care Bellevue Hospital.....	09	Je 09	.....
Petersdorf, Martha.....	Riverton, Wv.	09	Je 09	.....
Powers, Mary G.....	5 Orient st., Worcester, Mass.	09	Je 09	.....
Rutledge, Teresa.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Ryan, Mary Agatha.....	823 Willis av., Syracuse, N. Y.	09	Je 09	.....
Sears, Julia Marie.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Smith, L. Louise.....	1 West 102d st., N. Y. C.	07	Je 09	.....
Staniforth, Margaret.....	440 East 26th st., N. Y. C.	09	Je 09	.....
Swaney, Sarah F.....	475 South Pearl st., Albany, N. Y.	07	Je 09	.....
Sweeney, Anna M.....	500 West 135th st., N. Y. C.	08	Je 09	.....
Taney, Florence Amelia.....	1705 W. Genesee st., Syracuse, N. Y.	09	.....	Je 09
Tucker, Ellen.....	440 East 26th st., N. Y. C.	09	Je 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908—
July 31, 1909 (continued)

GROUP 1, NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Brooklyn Hospital—Training School</i>				
Brouse, Clara Florine.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
Dwyer, Jane F.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
Outerbridge, Minnie Eve.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
Roger, Edith Gertrude.....	255 Carlton av., Brooklyn, N. Y....	09	F 09	.....
Rouselle, Caroline J.....	Brooklyn Hosp., De Kalb av. and Raymond st., Brooklyn, N. Y....	08	F 09	.....
Ryan, Violet Campbell.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
Seki, Hiro.....	Brooklyn Hosp., De Kalb av., Brook- lyn, N. Y....	09	Je 09	.....
Skehan, Anne Veronica.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
Stevens, Elizabeth C.....	172 Lafayette av., Brooklyn, N. Y....	09	Je 09	.....
<i>Brooklyn Homeopathic Hospital</i>				
Hart, Amelia S.....	315 Greene av., Brooklyn, N. Y....	94	.....	Mr 09
Hausser, Anna.....	Lancaster, N. Y....	00	.....	Je 09
Reichert, Charlotte A.....	240 W. 134th st., N. Y. C....	96	.....	Ja 09
<i>Buffalo General Hospital</i>				
Bell, Bertha Maude.....	1001 Lafayette av., Buffalo, N. Y....	09	Je 09	.....
Hagar, Maude E.....	Supt. Brooks Mem. Hosp., Dunkirk, N. Y....	02	.....	Ag 08
Strange, Lily Hilda.....	1001 Lafayette av., Buffalo, N. Y....	09	Je 09	.....
Wilcox, Anna Mabel.....	Bergen, Genesee co., N. Y....	08	F 09	.....
<i>Buffalo Homeopathic Hospital</i>				
Cubbertson, Rose M.....	140 York st., Buffalo, N. Y....	09	F 09	.....
King, Mina.....	380 Franklin st., Buffalo, N. Y....	08	F 09	.....
Love, Eleda A.....	74 Cottage st., Buffalo, N. Y....	09	Je 09	.....
Stebbins, Sarah B.....	Silver Creek, N. Y....	09	Je 09	.....
<i>Buffalo State Hospital</i>				
Tinkham, Florence I.....	Oxford, N. Y....	98	.....	Ap 09
<i>City of Kingston Hospital Training School</i>				
Davis, Adelia B.....	168 Fair st., Kingston, N. Y....	08	F 09	.....
Jenkins, Laura B.....	Fleishmann's, Delaware co., N. Y....	09	Je 09	.....
<i>Clifton Springs Sanitarium</i>				
Gilson, Ethel Blanche.....	Clifton Springs, N. Y....	09	Je 09	.....
Jenness, Martha Colburn.....	Clifton Springs, N. Y....	07	F 09	.....
Rice, Nellie May.....	Clark Manor House, Canandaigua, N. Y....	05	.....	O 08
Shepherd, Mary Frances.....	Clifton Springs, N. Y....	04	.....	F 09
Stacy, Ella Edmonia.....	Care Sanitarium, Clifton Springs, N. Y.	07	F 09	.....
Thayer, Irene E.....	Clifton Springs, N. Y....	01	.....	F 09
<i>Cortland Hospital Training School</i>				
Carr, Josephine Magdalene.....	92 Groton av., Cortland, N. Y....	07	F 09	.....
Powell, Elizabeth G.....	514 Townsend st., Syracuse, N. Y....	99	.....	Ag 08
<i>Cumberland Street Hospital, Brooklyn, N. Y.</i>				
Cantrell, Laura B.....	149 St Marks av., Brooklyn, N. Y....	07	Je 09	.....
Caulfield, Kathleen.....	221 Eastern Parkway, Brooklyn, N. Y.	09	Je 09	.....
Forbes, Irene H.....	301 Adelphi st., Brooklyn, N. Y....	08	Je 09	.....
Fredsall, Alma Olive.....	301 Adelphi st., Brooklyn, N. Y....	09	Je 09	.....
Hayes, Susan M.....	109 Cumberland st., Brooklyn, N. Y....	08	Je 09	.....
Lauch, Frances Clara Gen- evieve.....	109 Cumberland st., Brooklyn, N. Y....	08	Je 09	.....
McConney, Catharine Ur- ban.....	301 Adelphi st., Brooklyn, N. Y....	08	Je 09	.....
Mahoney, Jennie.....	149 St Marks av., Brooklyn, N. Y....	08	F 09	.....
Schede, Ida Adeline.....	Islip, Long Island, N. Y....	08	Je 09	.....
Whitely, Huldah L.....	301 Adelphi st., Brooklyn, N. Y....	09	Je 09	.....
<i>Ellis Hospital, Schenectady, N. Y.</i>				
Scrafford, Rose.....	101 Van Vranken av., Schenectady, N. Y....	08	F 09	.....
Terwilliger, Jessie.....	501 Avenue B., Schenectady, N. Y....	09	Je 09	.....

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909 (continued)

GROUP I NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Emergency Hospital—Sisters of Charity, Buffalo, N. Y.</i>				
Schieswohl, Sister Zoe.....	108 Pine st., Buffalo, N. Y.....	04	.....	D 08
<i>Erie County Hospital, Training School</i>				
Dane, Laura Emelia.....	3399 Main st., Buffalo, N. Y.....	09	Je 09	.....
Ellis, Margaret.....	Geneva City Hospital, Geneva, N. Y.	06	Je 09	.....
Wagner, Eleanor J.....	Erie County Hospital, Buffalo, N. Y..	09	Je 09	.....
<i>Faxon Hospital Training School</i>				
Metzger, Jeannette Edith....	213 Bellinger st., Herkimer, N. Y....	08	F 09	.....
<i>Fox Memorial Hospital Training School</i>				
Hand, Edith.....	Care Fox Memorial Hosp., Oneonta, N. Y.	09	Je 09	.....
Ridge, Maude Catheryne..	Care Fox Memorial Hosp., Oneonta, N. Y.	09	Je 09	.....
<i>French Benevolent Society Hospital Training School</i>				
Henehan, Margaret.....	113 W. 84th st., N. Y. C.....	08	F 09	.....
Kelly, Anna.....	113 W. 84th st., N. Y. C.....	08	F 09	.....
McSweeney, Agnes Carthage..	23 Rutgers st., N. Y. C.....	09	F 09	.....
<i>German Hospital Training School, Brooklyn, N. Y.</i>				
Buhrmann, Dorothea A. W. *	German Hospital, Brooklyn, N. Y. . .	09	F 09	.....
Grim, Charlotte Adams.....	130 Hull st., Brooklyn, N. Y.	09	Je 09	.....
Hoffman, Frieda.....	122 Putnam av., Brooklyn, N. Y. . . .	09	Je 09	.....
Sherman, Leila Cooledge..	689 Lafayette av., Brooklyn, N. Y. . .	08	F 09	.....
Smith, Etcal E.....	280 St James pl., Brooklyn, N. Y. . .	08	F 09	.....
Spencer, Mary A.....	255 Lafayette av., Brooklyn, N. Y. . .	09	F 09	.....
<i>German Hospital Training School, Buffalo, N. Y.</i>				
Cullinan, Catherine Millard..	78 Sage av., Buffalo, N. Y.	08	Je 09	.....
<i>German Hospital and Dispensary Training School</i>				
Becht, Bertha Henrietta..	146 East 89th st., N. Y. C.....	08	F 09	.....
Heuer, Lillian Theodora...	85 West 118th st., N. Y. C.....	08	Je 09	.....
Manning, Mary A.....	108 East 87th st., N. Y. C.....	08	F 09	.....
Rusager, Mette Marie.....	141 East 76th st., N. Y. C.....	08	Je 09	.....
Schleicher, Louise A.....	112 East 77th st., N. Y. C.....	07	Je 09	.....
Silverquiel, Cecelia.....	420 West 116th st., N. Y. C.....	07	Je 09	.....
<i>Gowanda State Homeopathic Hospital</i>				
Scudder, Adele.....	Care State Hospital, Gowanda, N. Y..	05	Je 09	.....
Sweet, Alyce.....	Care Mr M. Van Slyke, Collins, N. Y..	09	Je 09	.....
<i>Hahnemann Hospital Training School, N. Y. C.</i>				
Eames, Flora Isabel.....	104 East 60th st., N. Y. C.....	09	F 09	.....
<i>Hospital of the Good Shepherd, Syracuse, N. Y.</i>				
Belknap, Fannie Maria.....	128 South av., Syracuse, N. Y.	09	Je 09	.....
Blackman, Mabel Philanda	128 South av., Syracuse, N. Y.	09	Je 09	.....
Broadhurst, Jessie.....	313 Herkimer st., Syracuse, N. Y. . . .	08	F 09	.....
Davis, Anna Baggerly.....	1206 E. Adams st., Syracuse, N. Y. . .	09	Je 09	.....
Davis, Emily Ella.....	116 Merriman av., Syracuse, N. Y. . .	08	F 09	.....
Gee, Katherine Gilson.....	400 Wilkinson st., Syracuse, N. Y. . .	08	F 09	.....
Hernandez, Concepcion.....	1012 E. Adams st., Syracuse, N. Y. . .	09	Je 09	.....
Jones, Myrtle.....	119 E. Castle st., Syracuse, N. Y. . .	08	Je 09	.....
Lange, Lucie Beatrice.....	614 S. Crouse av., Syracuse, N. Y. . .	09	Je 09	.....
Miller, Mary Alice.....	Hosp. of Good Shepherd, Syracuse, N. Y.	09	Je 09	.....
Myers, Mabel S.....	116 Merriman av., Syracuse, N. Y. . .	08	F 09	.....
Parker, Evella Charlotte...	227 Kellogg st., Syracuse, N. Y. . . .	08	F 09	.....
Salmon, Lauretta Beatrice.	2608 Lodi st., Syracuse, N. Y.	08	Je 09	.....
Saunders, Melissa Maye.....	313 Herkimer st., Syracuse, N. Y. . .	09	F 09	.....
Schemel, Katherine Anna.....	227 Sabine st., Syracuse, N. Y. . . .	09	Je 09	.....
Van Deusen, Grace M.....	Hill View, Lake George, N. Y.	09	Je 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908—
July 31, 1909 (continued)

GROUP 1 NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Hudson City Hospital Training School</i>				
Snyder, Gertrude M.	370 Washington av., Batavia, N. Y.	09	Je 09	.....
<i>Jackson Sanatorium Training School</i>				
Beecher, Katherine LeAnna	Jackson Sanatorium, Dansville, N. Y.	00	Je 09	.....
MacEdward, Ethel Gray...	Dansville Sanatorium, Dansville, N. Y.	08	F 09	.....
Mason, Marian Cearina...	Lakeside Hosp., Cleveland, O.	08	Je 09	.....
Page, Florence Elizabeth...	5 Livingston pl., N. Y. C.	08	F 09	.....
Paterson, Mary Lindsay...	Jackson Health Resort, Dansville, N. Y.	08	F 09	.....
Shuler, Grace Mary.....	Jackson Sanatorium, Dansville, N. Y.	09	Je 09	.....
<i>Jamaica Hospital Training School</i>				
Ballard, Margaret May....	84 New York av., Jamaica, L. I., N. Y.	08	F 09	.....
Heatherington, Gertrude Melissa.....	82 New York av., Jamaica, L. I., N. Y.	08	F 09	.....
Schultz, Tora Mathilde....	Jamaica Hosp., 82 New York av., Jamaica, L. I., N. Y.	08	F 09	.....
Young, Nora.....	Massena, N. Y., Box 231.	09	F 09	.....
<i>Jewish Hospital Training School</i>				
Andrews, Joyce Beatrice...	Jewish Hosp., Prospect pl., Brooklyn, N. Y.	08	F 09	.....
* .....	.....	09	Je 09	.....
Caulfield, Annie P.	Jewish Hosp., Brooklyn, N. Y.	09	Je 09	.....
Dorn, Anna Lucille.....	303 Reid st., Brooklyn, N. Y.	08	F 09	.....
Fearn, Sara Hannah.....	Jewish Hosp., Brooklyn, N. Y.	09	Je 09	.....
Fitzgerald, Nellie M.	469 Prospect pl., Brooklyn, N. Y.	09	Je 09	.....
Goodrich, Edna Matilda....	Swedish Hosp., Rogers av. and Sterling pl., Brooklyn, N. Y.	09	F 09	.....
Haas, Louise Victoria.....	Jewish Hosp., Brooklyn, N. Y.	09	Je 09	.....
Hoorman, Augusta Georgeine.....	Jewish Hosp., Brooklyn, N. Y.	09	F 09	.....
Reiche, Anna L.	Jewish Hosp., Brooklyn, N. Y.	09	Je 09	.....
Shortall, Elizabeth E.	Jewish Hosp., Brooklyn, N. Y.	09	F 09	.....
<i>Kings County Hospital Training School</i>				
Hawthorne, Jessica L.	Bradford Street Hosp., Brooklyn, N. Y.	08	Je 09	.....
Neill, Julia Vincent.....	19 Doscher st., Brooklyn, N. Y.	09	Je 09	.....
<i>Kings Park State Hospital Training School</i>				
Bohan, Katie.....	441 East 84th st., N. Y. C.	08	F 09	.....
Bourke, John.....	State Hosp., Kings Park, L. I., N. Y.	09	F 09	.....
Brooking, Florence A.	Northport, L. I., N. Y.	08	F 09	.....
Bunker, Kathleen Mable...	State Hosp., Kings Park, L. I., N. Y.	07	F 09	.....
Gorey, Alice C.	571 Lexington av., N. Y. C.	09	Je 09	.....
Lenihan, Kate.....	Kings Park Hosp., L. I., N. Y.	07	Je 09	.....
Mull, Ida.....	Kings Park New York care Hospital	06	Je 09	.....
Quail, Mary.....	Kings Park State Hosp., Kings Park, L. I., N. Y.	08	F 09	.....
Wray, Martha.....	Kings Park Hosp., Kings Park, N. Y.	06	F 09	.....
<i>Laura Franklin Free Hospital for Children Training Class</i>				
Selden, Charlotte Colgate...	19 East 111th st., N. Y. C.	08	Je 09	.....
Selden, Elizabeth.....	Harlem Hosp., 136th st. and Lenox av., N. Y. C.	06	F 09	.....
<i>Lexington Heights Hospital Training School</i>				
Blaine, Mary H.	216 Richmond av., Buffalo, N. Y.	04	.....	Mr 09
Carter, Mary Bacon.....	Lewiston, N. Y.	05	.....	Ja 09
Goodwin, Mabel.....	179 Lexington av., Buffalo, N. Y.	05	.....	Ja 09
Phillips, Alta Ethelyn.....	137 Lexington av., Buffalo, N. Y.	99	.....	D 08
<i>Lincoln Hospital and Home</i>				
Patterson, Ellen Maude....	Lincoln Hospital and Home, East 141st st. and S. Boulevard, N. Y. C.	09	Je 09	.....
Turner, Jane Carey.....	Lincoln Hospital and Home, East 141st st., N. Y. C.	09	Je 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908—
July 31, 1909 (continued)

GROUP I: NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Little Falls Hospital Training School</i>				
Christmann, Marguerite . . .	6 Hager st., Utica, N. Y.	09	Je 09	.....
<i>Long Island College Hospital Training School</i>				
Alexander, Blanche M.	128 Pacific st., Brooklyn, N. Y.	97	.....	Ap 09
Anderson, Lynda C.	66 Pierrepont st., Brooklyn, N. Y.	07	Je 09	.....
Ballantyne, Eva Georgie Isabel	333 Clinton st., Brooklyn, N. Y.	09	F 09	.....
Barnum, Ruth Anna	128 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Barrett, Mabel R.	157 Henry st., Brooklyn, N. Y.	07	Je 09	.....
Barry, Nellie Cecilia	L. I. College Hospital, Brooklyn, N. Y.	08	F 09	.....
Bradshaw, Caroline E.	L. I. College Hospital, Brooklyn, N. Y.	09	Je 09	.....
Brown, Margaret Shaffer	333 Clinton st., Brooklyn, N. Y.	09	Je 09	.....
Clint, Mildred L.	147 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Decker, Bertha Crawford	161 Snediker av., Brooklyn, N. Y.	09	Je 09	.....
Douglas, Lola Grace	147 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Edwards, Katherine Ann	128 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Enright, Ellen	St. Catharine's Hosp., Bushwick av., Brooklyn, N. Y.	88	.....	Ap 09
Eppler, Mary	178 6th av., Brooklyn, N. Y.	09	F 09	.....
Fraser, Margaret P.	184 Amity st., Brooklyn, N. Y.	95	.....	Ja 09
Goll, Johanna	700 Park pl., Brooklyn, N. Y.	08	F 09	.....
Haig, Leonora	128 Pacific st., Brooklyn, N. Y.	98	.....	D 08
Henry, Elizabeth A.	102 Pierrepont st., Brooklyn, N. Y.	07	F 09	.....
Kenney, Helen	128 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Kunze, Edith Rosalie	Hyde Park, N. Y.	09	Je 09	.....
Leach, Amy Moxley	174 Hull st., Brooklyn, N. Y.	09	Je 09	.....
Lynch, Roselle	163 Congress st., Brooklyn, N. Y.	08	F 09	.....
McKee, Isabelle Evelyn	333 Clinton st., Brooklyn, N. Y.	09	Je 09	.....
Mays, Mary Madeleine	163 Congress st., Brooklyn, N. Y.	08	F 09	.....
Merckley, Ida Evelyn	157 Henry st., Brooklyn, N. Y.	95	.....	Mr 09
Osborn, Katharine	Long Is. Coll. Hosp., Henry st., Brooklyn, N. Y.	09	Je 09	.....
Palmer, Lorena	358 Henry st., Brooklyn, N. Y.	09	Je 09	.....
Pedersen, Hilda Constance	337 4th st., Brooklyn, N. Y.	95	.....	O 08
Rose, Pauline Elizabeth	114 McDonough st., Brooklyn, N. Y.	07	F 09	.....
Shelley, Mary Constance	1284 Dean st., Brooklyn, N. Y.	08	F 09	.....
Sherwood, Sadie A.	3051 Kingsbridge terrace, Kingsbridge, N. Y.	09	Je 09	.....
Straus, Carol Lewis	66 Pierrepont st., Brooklyn, N. Y.	07	F 09	.....
Waugh, Hilda Mabel	147 Pacific st., Brooklyn, N. Y.	08	F 09	.....
Wheeler, Jean Edna	163 Congress st., Brooklyn, N. Y.	08	F 09	.....
<i>Long Island State Hospital Training School</i>				
Clune, Helen	State Hosp., Flatbush, Brooklyn, N. Y.	06	F 09	.....
Kenny, Elizabeth J.	Long Is. State Hosp., Clarkson st., Brooklyn, N. Y.	09	Je 09	.....
Rich, Elizabeth	Flatbush Hosp., Brooklyn, N. Y.	04	Je 09	O 08
Thomas, Adelaide	408 West 57th st., N. Y. C.	09	Je 09	.....
<i>Manhattan State Hospital—Training School</i>				
Murphy, Margaret M.	Kingston Av. Hosp., Brooklyn, N. Y.	07	Je 09	.....
<i>Methodist Episcopal Hospital Training School</i>				
Albrecht, Caroline Josephine	141 Seventh av., Brooklyn, N. Y.	08	F 09	.....
Barton, Mary Angelina	374 6th av., Brooklyn, N. Y.	09	Je 09	.....
* Erskine, Cornelia Douglas	Methodist Episcopal Hosp., Brooklyn, N. Y.	09	Je 09	.....
* Howell, Henrietta M.	Bellport L. I., N. Y., Box 415	09	F 09	.....
* Jewett, Edith Marie	137 7th av., Brooklyn, N. Y.	08	F 09	.....
* Sims, Harriet Evelyn	322 Park pl., Brooklyn, N. Y.	09	Je 09	.....
* Tyler, Dorothy Hope	322 Park pl., Brooklyn, N. Y.	09	Je 09	.....
* Weec, Minnie Beatrice	Methodist Episcopal Hosp., Brooklyn, N. Y.	09	Je 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909 (continued)

GROUP 1 NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Metropolitan Hospital Training School</i>				
Babin, Jeanne S.	2002 5th av., N. Y. C.	09	Je 09	
Cappell, Mary C.	6 Court sq., Brooklyn, N. Y.	09	F 09	
Christie, E. Beatrice	Metropolitan Hosp., Blackwells Is., N. Y. C.	09	F 09	
Driscoll, Kathleen	650 57th st., Brooklyn, N. Y.	08	F 09	
Finnegan, Mary Anne	202 Alexander av., N. Y. C.	09	F 09	
Frazer, Etta Marguerite	Metropolitan Hosp., Blackwells Is., N. Y. C.	08	F 09	
Gavan, Mary I.	457 Manor av., Woodhaven, L. I.	08	Je 09	
Goodwin, Eleanor Pearle	Metropolitan Hosp., Blackwells Is., N. Y. C.	08	F 09	
Hammond, Margaret Edith	223 1st av., L. I. City, N. Y.	02		Mr 09
McEnany, Lily Margaret	135 Broadway, Newburgh, N. Y.	09	F 09	
O'Neill, Kathryn	Metropolitan Hosp., Blackwells Is., N. Y. C.	09	F 09	
O'Rourke, Eleanor Teresa	420 West 116th st., N. Y. C., Sesrum Club	08	F 09	
O'Rourke, Mary Jessie	420 West 116th st., N. Y. C.	09	F 09	
Rudd, Margaret	Metropolitan Hosp., Blackwells Is., N. Y. C.	08	F 09	
Sheffield, Clara Elizabeth	196 McDonough st., Brooklyn, N. Y.	08	Je 09	
Smart, Emily Mortimer	Metropolitan Hosp., Blackwells Is., N. Y. C.	09	Je 09	
* Wilshire, Clara Emma	Metropolitan Hosp., Blackwells Is., N. Y. C.	09	F 09	
		06	Je 09	
<i>Mount Sinai Hospital Training School</i>				
Allan, Mahala Caroline	Mt Sinai Hosp., Madison av. and 101st st., N. Y. C.	09	F 09	
Anderson, Annie B.	Mt Sinai Hosp., N. Y. C.	09	F 09	
Baldwin, Nellie	Mt Sinai Hosp., N. Y. C.	09	F 09	
Bedworth, Hannah	64 East 81st st., N. Y. C.	08	F 09	
Borden, Abbie Durfee Kinsley	Mt Sinai Hosp., N. Y. C.	09	F 09	
Bowers, Blanche A.	Mt Sinai Hosp., N. Y. C.	09	F 09	
Brand, Augusta A.	250 Manhattan av., N. Y. C.	09	Je 09	
Byrne, Ethel H.	40 West 127th st., N. Y. C.	09	Je 09	
Carlsted, Caroline Miller	Mt Sinai Hosp., N. Y. C.	09	F 09	
Casho, Marion Morrill	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Collins, Katherine Wernham	Mt Sinai Hosp., N. Y. C.	09	F 09	
Currie, Daisy	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Daly, Frances Maxwell	Mt Sinai Hosp., 101st st. and Madison av., N. Y. C.	09	F 09	
Daly, Mary Frances	2088 7th av., N. Y. C.	09	Je 09	
Doane, Susie Elsie	Manchester, Ct.	09	F 09	
Edwards, Mary I.	Riverhead, N. Y.	08	F 09	
Erwin, Mary Rose	Mt Sinai Hosp., N. Y. C.	09	F 09	
Ferguson, Cora	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Flannery, Maud Lucille	14th av. and 48th st., Brooklyn, N. Y.	08	F 09	
Fowler, Eleanor M.	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Gallagher, Elizabeth H.	101st st. and Madison av., N. Y. C.	09	Je 09	
Garcia, Cecelia	Mt Sinai Hosp., N. Y. C.	09	F 09	
Griggs, Ethel Marguerite	Care Mt. Sinai Hosp., N. Y. C.	09	F 09	
Hallow, Mamie	Mt Sinai Hosp., N. Y. C.	09	F 09	
Homer, Blanche	Mt Sinai Hosp., N. Y. C.	09	F 09	
Keegan, Margaret F.	Mt Sinai Hosp., N. Y. C.	09	F 09	
Lenahan, Catherine M.	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Lloyd, Hazel A.	Mt Sinai Hosp., N. Y. C.	09	F 09	
MacEdward, Anne	Mt Sinai Hosp., N. Y. C.	09	Je 09	
Mansbridge, Edna Marion	10 Pipe Line road, London, Ontario, Can.	09	F 09	
Moore, Carolyn H.	832 Union st., Brooklyn, N. Y.	09	Je 09	
Moran, Anna Katherine	61 East 86th st., N. Y. C.	09	Je 09	

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
 July 31, 1909 (continued)
 GROUP 1 NEW YORK SCHOOLS (continued).

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Mount Sinai Hospital Training School (concluded)</i>				
Osborne, Ella Jane.....	Care Mt Sinai Hosp., N. Y. C.....	09	F 09	.....
Perry, Celia Marie.....	14th av. and 48th st., Brooklyn, N. Y., care J. Plannery, Borough park.....	08	F 09	.....
Schofield, Evelyn Lois.....	61 East 86th st., N. Y. C.....	09	Je 09	.....
Solomon, Emma Marion.....	Mt Sinai Hosp., N. Y. C.....	09	Je 09	.....
Taylor, Nellie G.....	Camden, N. Y.....	09	F 09	.....
Traeger, Anna Norette.....	129 Division st., New Haven, Ct.....	09	F 09	.....
Upson, Christine Augusta.....	Mt Sinai Hosp., N. Y. C.....	09	F 09	.....
Ward, Lottie Lillian.....	Mt Sinai Hosp., N. Y. C.....	09	Je 09	.....
White, Edna Isabel.....	Mt Sinai Hosp., N. Y. C.....	09	Je 09	.....
Wolgast, Dora Anna.....	64 East 81st st., N. Y. C.....	08	F 09	.....
<i>Nathan Littauer Hospital Training School</i>				
Ellard, Lily May.....	Nathan Littauer Hosp., Gloversville, N. Y.....	08	F 09	.....
Keeney, Ella Louise.....	Care Nathan Littauer Hosp., Gloversville, N. Y.....	09	Je 09	.....
Little, Jessie Alida.....	Gloversville, N. Y.....	09	Je 09	.....
Robinson, Mary.....	18 West Centre st., Gloversville, N. Y.....	08	F 09	.....
<i>New York City Training School</i>				
Apgar, Edith Mae.....	1185 Lexington av., N. Y. C.....	09	Je 09	.....
Barbar, Edythe M.....	New York City Training School, Blackwells Is., N. Y. C.....	07	F 09	.....
Black, Susan V.....	414 S. Broad st., Philadelphia, Pa.....	09	Je 09	.....
*	.....	.....	Je 09	.....
Campbell, Cicely Mary.....	St. James, Long Island, N. Y. C., care Mrs W. A. Minnett.....	09	Je 09	.....
Davidson, M. Edna Violet.....	New York City Training School for Nurses, Blackwells Is., N. Y. C.....	09	Je 09	.....
Ewing, Edna.....	New York City Training School, Nurses Home, Blackwells Is., N. Y. C.....	09	F 09	.....
Heller, Adelaide Peters.....	New York City Training School for Nurses, Blackwells Is., N. Y. C.....	09	Je 09	.....
*	.....	09	Je 09	.....
Jones, Rachel.....	New York City Training School, Blackwells Is., N. Y. C.....	09	F 09	.....
*	.....	09	Je 09	.....
Kline, Lillian M.....	New York City Training School for Nurses, Blackwells Is., N. Y. C.....	09	Je 09	.....
MacDonald, Amy Pope.....	New York City Training School for Nurses, Blackwells Is., N. Y. C.....	09	Je 09	.....
McGonigle, Rose Mary.....	1129 Madison av., N. Y. C.....	09	Je 09	.....
McHugh, Cecilia.....	241 West 137th st., N. Y. C.....	98	.....	Mr 09
McKinlay, Frances R.....	1185 Lexington av., N. Y. C.....	09	Je 09	.....
Moore, Ida.....	New York City Training School, Blackwells Is., N. Y. C.....	09	F 09	.....
Murphy, Mary Constance.....	148 East 60th st., N. Y. C.....	09	Je 09	.....
Nugent, Susan Marie.....	1185 Lexington av., N. Y. C., care Miss Yocum.....	09	Je 09	.....
Phillips, Emily G.....	2002 5th av., N. Y. C.....	09	F 09	.....
Poole, Adelaide R.....	808 Lexington av., N. Y. C.....	09	Je 09	.....
*	.....	09	Je 09	.....
Robinson, Winifred Hill.....	1850 Amethyst st., Van Nest, N. Y.....	09	Je 09	.....
Seward Gladys V.....	New York City Training School for Nurses, Blackwells Is., N. Y. C.....	09	Je 09	.....
*	.....	09	Je 09	.....
Smith, Rebecca Lewis.....	Harlem Hosp., Lenox av. and 136th st., N. Y. C.....	07	Je 09	.....
Snell, Henrietta Catherine.....	89 Chestnut st., Brooklyn, N. Y.....	89	.....	Ja 09
Sullivan, Helena Gertrude.....	1185 Lexington av., N. Y. C.....	09	Je 09	.....
*	.....	09	Je 09	.....
Wilt, Clara Irene.....	1185 Lexington av., N. Y. C.....	09	Je 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909 (continued)

GROUP I NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>New York Homeopathic Medical College and Flower Hospital</i>				
Hall, Charlotte E.....	Walden, N. Y., Box 219.....	09	Je 09	.....
Lamroe, Anna L.....	Flower Hosp., N. Y. C.....	09	Je 09	.....
Shinn, Grace Alice.....	Pelham Manor, N. Y.....	09	Je 09	.....
<i>New York Hospital Training School</i>				
Abernathy, Maud.....	8 West 92d st., N. Y. C.....	06	F 09	.....
Cromwell, R. Lee.....	7 West 15th st., N. Y. C.....	08	Je 09	.....
Dwight, Anna F.....	430 West 118th st., N. Y. C.....	06	Je 09	.....
Greenwood, Carrie Ethel.....	8 West 92d st., N. Y. C.....	08	F 09	.....
Hubbard, Lena Maria.....	New York Hosp., 7 W. 15th st., N. Y. C.....	09	Je 09	.....
Mackie, Rose Alma.....	8 W. 92d st., N. Y. C.....	09	Je 09	.....
Moss, Marie.....	25 Steven st., Astoria, L. I.....	09	Je 09	.....
Olmstead, Sarah C.....	8 West 92d st., N. Y. C.....	09	Je 09	.....
Osborne, Catherine.....	Brooklyn Hosp., De Kalb av. and Raymond st., Brooklyn, N. Y.....	07	F 09	.....
Pugh, Murney May.....	7 W. 15th st., N. Y. C.....	09	Je 09	.....
Robinson, Ethel Estey.....	7 W. 15th st., N. Y. C.....	09	Je 09	.....
Stimson, Julia Catherine.....	Harlem Hosp., 136th st. and Lenox av., N. Y. C.....	08	F 09	.....
Symons, Mary Annie.....	7 W. 15th st., N. Y. C.....	09	Je 09	.....
Thompson, Ruth.....	929 Marcy av., Brooklyn, N. Y.....	07	F 09	.....
Wilson, Margaret Helen.....	New York Hosp., 7 W. 15th st., N. Y. C.....	09	Je 09	.....
Work, Henrietta Lawton.....	169 W. Houston st., N. Y. C.....	09	Je 09	.....
<i>New York Post Graduate Hospital Training School</i>				
Barclay, Virginia Mary Stockton.....	68 W. 83d st., N. Y. C.....	09	Je 09	.....
Carruthers, Violet C.....	68 W. 83d st., N. Y. C.....	09	Je 09	.....
Chase, Gertrude Ethel.....	54 W. 83d st., N. Y. C.....	08	Je 09	.....
Cornwall, Bertha M.....	68 W. 83d st., N. Y. C.....	09	Je 09	.....
Decker, Bertha Georgina.....	68 W. 83d st., N. Y. C.....	09	Je 09	.....
Gammon, Ella Lee.....	506 Lexington av., N. Y. C.....	09	Je 09	.....
Johnston, Ella.....	174 W. 96th st., N. Y. C.....	08	Je 09	.....
Lalor, Percy Mary.....	506 Lexington av., N. Y. C.....	08	Je 09	.....
MacPhee, Mary.....	506 Lexington av., N. Y. C.....	09	Je 09	.....
Ross, Ella Maud.....	174 W. 96th st., N. Y. C.....	08	Je 09	.....
Seaver, Marion Elizabeth.....	106 Chestnut st., Albany, N. Y.....	09	Je 09	.....
Stahle, Rose.....	506 Lexington av., N. Y. C.....	08	Je 09	.....
Steele, Minnie Jean.....	54 W. 83d st., N. Y. C.....	08	Je 09	.....
Swenson, Josephine Matilda Tucker, Katherine Sarah.....	New York Post Graduate Hosp., 303 E. 20th st., N. Y. C.....	09	Je 09	.....
Warburton, Margaret.....	506 Lexington av., N. Y. C.....	09	Je 09	.....
Whittingham, Edith Cynthia.....	130 W. 165th st., N. Y. C., High Bridge.....	08	F 09	.....
Willard, Gertrude M. Dayton.....	303 E. 20th st., N. Y. C.....	09	Je 09	.....
.....	68 W. 83d st., N. Y. C.....	09	Je 09	.....
<i>Niagara Falls Memorial Hospital</i>				
Hartmann, Clara A.....	1653 South av., Niagara Falls, N. Y.....	07	Je 09	.....
Wilson, Marie Strayne.....	722 5th st., Niagara Falls, N. Y.....	08	Je 09	.....
<i>Ogdensburg City Hospital Training School</i>				
Hughes, Anna Veronica.....	Ogdensburg City Hospital, Ogdensburg, N. Y.....	09	Je 09	.....
Le Clair, Helen Louise.....	City Hosp., Ogdensburg, N. Y.....	09	Je 09	.....
Swain, Josephine M.....	City Hosp., Ogdensburg, N. Y.....	09	Je 09	.....
White, Mary Emily.....	Care City Hosp., Ogdensburg, N. Y.....	09	Je 09	.....
<i>Oswego Hospital Training School</i>				
Curtis, Mabel Frances.....	City Hosp., Oswego, N. Y.....	09	Je 09	.....
Harkness, M. E. Grace.....	Oswego Hosp., Oswego, N. Y.....	08	Je 09	.....
<i>Our Lady of Victory Sanatorium Training School</i>				
Brown, Elizabeth Magdalena.....	Benedictine Sanitarium, Kingston, N. Y.....	08	09	.....
Hagelweide, Lillian Bella.....	99 W. Chestnut st., Kingston, N. Y.....	09	Je 09

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
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GROUP 1 NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Our Lady of Victory Sanatorium Training School (concluded)</i>				
McEntee, Florence.....	99 Chestnut st., Kingston, N. Y.....	08	F 09	.....
O'Shea, Anna May.....	6 Webster st., Kingston, N. Y.....	09	Je 09	.....
Wager, Martha Kathryn...	97 Clinton av., Kingston, N. Y.....	08	F 09	.....
<i>Parks Hospital Training School</i>				
*.....		09	Je 09	.....
Byrne, Edith B.....	North Creek, Warren co., N. Y.....	09	Je 09	.....
Close, Catherine.....	49 Bay st., Glens Falls, N. Y.....	09	Je 09	.....
Race, Mary Rebekah.....	327 E. 60th st., N. Y. C.....	08	Je 09	.....
Tidmarsh, Anna E.....	29 Oak st., Sandy Hill, N. Y.....	09	Je 09	.....
<i>Peekskill Hospital Training School</i>				
Coons, Flavia Bristol.....	Hospital, Peekskill, N. Y.....	09	Je 09	.....
Maguire, Bertha.....	17 Oakwood av., White Plains, N. Y..	03	.....	Je 09
<i>Presbyterian Hospital Training School</i>				
Bauer, Emily Wilhelmina..	37 E. 71st st., N. Y. C.....	08	Je 09	.....
Bell, Caroline Wack.....	37 E. 71st st., N. Y. C.....	08	Je 09	.....
Benson, Ella Elizabeth....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Bentley, Bertha.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Boulter, Mary Olive.....	37 E. 71st st., N. Y. C.....	08	Je 09	.....
Bulmer, Elizabeth Ethel				
Gertrude.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Cooks, Susan Gansevoort...	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Copeland, Effie Maud Lee...	37 E. 71st st., N. Y. C.....	09	F 09	.....
Cowell, Alice Marie Le Van.	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Davey, Lillian May.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Decker, Bessie Adelaide...	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Duncan, Sarah Frances....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Gould, Elspeth Anna.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Locke, Helen Glen Rae....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Lyon, Charity Wilson.....	Riverside, Ill.....	08	F 09	.....
McClung, Edith M.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Mac Kay, Agnes Logan.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
McLean, Mary Henrietta...	37 E. 71st st., N. Y. C.....	09	F 09	.....
Marsh, Louise Marie.....	37 E. 71st st., N. Y. C.....	08	F 09	.....
Merrill, Lillian.....	115 E. 71st st., N. Y. C.....	08	F 09	.....
Morritt, Louise Stephanna.	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Meyers, Nellie.....	37 E. 71st st., N. Y. C.....	08	F 09	.....
Mitchell, Mary.....	42 W. 46th st., N. Y. C.....	08	Je 09	.....
Münck, Laura Charlotte...	37 E. 71st st., N. Y. C.....	09	Je 09	.....
O'Neill, Claudia Maria....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Phillips, Elizabeth Margaret.....	144 Bowdoin st., Boston, Mass.....	08	F 09	.....
*.....		09	Je 09	.....
Pitcher, Bessie Kingsbury.	51 E. 58th st., N. Y. C.....	09	Je 09	.....
Powell, Helen Clarissa....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Rhodes, Katherine Lorena.	307 W. 11th st., N. Y. C.....	93	.....	Ap 09
Rylands, Bessie Walker...	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Simpson, Nellie Ruth.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Wiegand, Florence Lena....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Woodruff, Theo.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
Young, Helen Jean.....	37 E. 71st st., N. Y. C.....	09	Je 09	.....
<i>Rochester City Hospital Training School</i>				
Baker, Linda Cornelia.....	City Hosp., Rochester, N. Y.....	09	Je 09	.....
Bill, Anna Elizabeth.....	105 Kenwood av., Rochester, N. Y..	08	Je 09	.....
Davis, Della Mahamah.....	84 Selye pl., Rochester, N. Y.....	09	Je 09	.....
Freshwater, Margaret Sarah	603 Clinton av. N., Rochester, N. Y..	09	Je 09	.....
Gardner, Harriet Rebecca.	84 Selye terrace, Rochester, N. Y.....	09	Je 09	.....
Heberger, Carolyn Cecelia.	78 Lill st., Rochester, N. Y.....	06	.....	F 09
Hoffman, Josephine.....	603 Clinton av. N., Rochester, N. Y..	09	Je 09	.....
Hood, Mary Florence.....	54 Morningside av. E., N. Y. C.....	99	.....	D 08

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
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GROUP I NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Rochester City Hospital Training School (concluded)</i>				
Hunt, Jennie Gale.....	Interlaken, Seneca co., N. Y.....	09	Je 09	.....
Kelley, Lillian.....	84 Selye terrace, Rochester, N. Y.....	09	Je 09	.....
Laird, Mary Florence.....	City Hosp., Rochester, N. Y.....	09	Je 09	.....
Stephen, Minnie Maud.....	11 Edgewood park, Rochester, N. Y.....	08	F 09	.....
Williams, Ruby Jessie.....	105 Kenwood av., Rochester, N. Y.....	08	Je 09	.....
Wing, Georgiana.....	105 Kenwood av., Rochester, N. Y.....	08	Je 09	.....
<i>Rochester Homeopathic Hospital Training School</i>				
Bevan, Phoebe Sharrod.....	77 Averill av., Rochester, N. Y.....	08	F 09	.....
Bonenblust, Mary Katherineine.....	555 Averill av., Rochester, N. Y.....	08	F 09	.....
Clark, Allie Duell.....	555 Averill av., Rochester, N. Y.....	08	F 09	.....
De Mallie, Bertha.....	39 Berkeley st., Rochester, N. Y.....	09	Je 09	.....
Flannery, Catherine Mary.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Hayes, Rozella.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Kersner, Fannie.....	64 Weld st., Rochester, N. Y.....	08	F 09	.....
Langdon, Susan Emma.....	224 Alexander st., Rochester, N. Y.....	09	F 09	.....
Leake, Ruth Antoinette.....	104 Lafayette pl., Rochester, N. Y.....	08	Je 09	.....
Mc Genn, Elsa May.....	18 Winthrop st., Rochester, N. Y.....	08	F 09	.....
Mc Mahon, Elizabeth Ruth Mason, Minnie.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Meade, Amy Elnora.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Metzger, Mae Isabelle.....	1 Lafayette park, Rochester, N. Y.....	08	F 09	.....
Pincott, Margaret Susan.....	224 Alexander st., Rochester, N. Y.....	09	F 09	.....
Priest, Helen Insocho.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Reed, Lillian Alice.....	72 S. Union st., Rochester, N. Y.....	09	Je 09	.....
Staver, Mabel Olive.....	72 S. Union st., Rochester, N. Y.....	09	Je 09	.....
Viele, Jennie Cordelia.....	224 Alexander st., Rochester, N. Y.....	09	Je 09	.....
Williams, Elizabeth Mills.....	161 S. Goodman st., Rochester, N. Y.....	09	Je 09	.....
<i>Rochester State Hospital Training School</i>				
Kjelberg, Rachel E.....	State Hosp., Rochester, N. Y.....	08	Je 09	.....
<i>Roosevelt Hospital Training School</i>				
Allen, Frances Louise.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Armitage, Ethel Blanche.....	183 W. 73d st., N. Y. C.....	09	F 09	.....
Atkinson, Isabelle Lambert Bond, Eleanor M.....	Hawley, Pa.....	09	Je 09	.....
Carter, Mabel Helen Jean.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Casey, Mary Yarnell.....	350 W. 57th st., N. Y. C.....	09	F 09	.....
Daniels, Ruth Laue.....	Merion sta., Montgomery co., Pa.....	09	Je 09	.....
Dickerman, Mary Caroline.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Duncan, Mary Agnes.....	Westfield, Chautauqua co., N. Y.....	09	Je 09	.....
Farr, Winone Marie.....	347 W. 57th st., N. Y. C.....	09	Je 09	.....
Graham, Catherine Moffat.....	Care Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Graham, Florence Beatrice Grant, Janet Gibb.....	Roosevelt Hosp., N. Y. C.....	09	F 09	.....
Herron, Edythe May.....	Roosevelt Hosp., N. Y. C.....	09	F 09	.....
Howard, Evelyn I. V.....	Roosevelt Hosp., N. Y. C.....	09	F 09	.....
Howman, Pauline V. W.....	Care Roosevelt Hosp., N. Y. C.....	08	Je 09	.....
Kirkpatrick, Agnes E. A.....	Pompton Lake, N. J.....	08	F 09	.....
Law, Isabel Louise.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Macdonnell, Lucille M.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
McKerlie, Mary Bell.....	183 W. 73d st., N. Y. C., care Mrs Brockway.....	09	F 09	.....
Mitchener, Elsie F. (Mrs).....	352 W. 57th st., N. Y. C.....	09	Je 09	.....
Owen, Lydia Eloise.....	350 W. 57th st., N. Y. C.....	09	Je 09	.....
Parke, Marguerite.....	352 W. 57th st., N. Y. C.....	09	Je 09	.....
Rutherford, Nellie.....	174 W. 80th st., N. Y. C.....	09	Je 09	.....
Ryley, Edna.....	Roosevelt Hosp., N. Y. C.....	09	F 09	.....
Scott, Maude Agnese.....	253 Piermont av., Nyack, N. Y.....	09	Je 09	.....
Smedley, Arreathea M.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Smith, Marian Louise.....	Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Stenson, Anna Lillian.....	Care Roosevelt Hosp., N. Y. C.....	09	Je 09	.....
Tyler, Katharine.....	347 W. 57th st., N. Y. C.....	09	Je 09	.....
Watts, Isabel Mary.....	42 W. 46th st., N. Y. C.....	06	.....	Ag 8
	Roosevelt Hosp., 59th st and 9th av., N. Y. C.....	09	F 09

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
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GROUP I NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>St Joachim's Hospital Training School</i>				
Bates, Marian Edna	218 Stone st., Watertown, N. Y.	09	Je	09
Benson, Agnes Josephine	219 Stone st., Watertown, N. Y.	07	Je	09
Carey, Mollie Marie	218 Stone st., Watertown, N. Y.	09	F	09
Donihoe, Alice Helena	218 Stone st., Watertown, N. Y.	09	F	09
Farmer, Alice Theresa	528 Pearl st., Watertown, N. Y.	08	Je	09
Finnegan, Mary Veronica (Sr. Mary Stella Maria)	St Joachim's Hosp., 218 Stone st., Watertown, N. Y.	09	F	09
Lafache, Adeline Cecilia	Delta, Ontario, Can.	09	Je	09
McCann, Anastasia Magde- len	218 Stone st., Watertown, N. Y.	09	F	09
Quinn, Elisabeth M.	218 Stone st., Watertown, N. Y.	09	Je	09
Senecal, Loretta Hazel	218 Stone st., Watertown, N. Y.	09	Je	09
Shaver, Myrtle Anna	218 Stone st., Watertown, N. Y.	08	F	09
<i>St John's Hospital Training School</i>				
Arnberg, Agnes Christina	16 Irving pl., Brooklyn, N. Y.	09	Je	09
Carton, Flora Beryl	St John's Hosp., Brooklyn, N. Y.	09	Je	09
Denison, Harriet Kate Hep- bourne	St John's Hosp., 1521 Atlantic av., Brooklyn, N. Y.	08	F	09
de Veer, Alice Jeanette	Van Wicklen pl., Ozone Park, N. Y.	09	Je	09
Jensen, Kirsten	195 Ninth st., Brooklyn, N. Y.	08	F	09
Ludlam, Ruth	41 Decatur st., Brooklyn, N. Y.	08	F	09
Munson, Ruth	41 Decatur st., Brooklyn, N. Y.	08	F	09
Northmore, Adeline Ger- trude	1416 Beverly road, Flatbush, Brook- lyn, N. Y.	08	F	09
Phillips, Ethel M.	549 McDonough st., Brooklyn, N. Y.	08	F	09
Plunkett, Jennie	41 Decatur st., Brooklyn, N. Y.	08	F	09
Schneemann, Emily Au- gusta	Long Island College Hosp., Brooklyn, N. Y.	08	F	09
Scott, Catharine Crerar	169 Decatur st., Brooklyn, N. Y.	09	Je	09
Simpson, Annie	169 Decatur st., Brooklyn, N. Y.	09	Je	09
Smith, Hazel May	108 Garfield pl., Brooklyn, N. Y.	09	Je	09
Smith, Helen Lowrie	St John's Hospital, Brooklyn, N. Y.	08	F	09
Stanley, Frances Lee	41 Decatur st., Brooklyn, N. Y.	08	F	09
Van Vleet, Harriet Helen	108 Garfield pl., Brooklyn, N. Y.	08	F	09
<i>St John's Riverside Hospital</i>				
Frost, Harriet	St John's Hospital, Yonkers, N. Y.	06	F	09
Mc Donald, Catherine Effie	4 Union pl., Yonkers, N. Y.	09	F	09
Vail, Anne Louise	St John's Riverside Hosp., Yonkers, N. Y.	08	F	09
<i>St Joseph's Hospital Training School</i>				
Devine, Alice Start	403 Landon av., Syracuse, N. Y.	00	.....	N 08
<i>St Lawrence State Hospital Training School</i>				
Sheehan, Agnes N.	202 Waverly av., Syracuse, N. Y.	02	.....	Mr 09
<i>St Luke's Hospital Training School</i>				
Armstrong, Victoria Lena	Campbellford, Ontario, Can.	09	Je	09
Burke, Maud Diamond (Mrs)	420 W. 116th st., N. Y. C.	07	F	09
Carling, Florence Evelyn	St Luke's Hosp., N. Y. C.	09	F	09
Cooke, Grace Irene	Irvington-on-Hudson, N. Y.	09	F	09
DeVoe, Gertrude	St Luke's Hosp., N. Y. C.	09	Je	09
Dow, Ivy May	Upper Woodstock, New Brunswick, Can.	09	Je	09
Forry, Katherine Elizabeth	St Luke's Hosp., N. Y. C.	09	F	09
Frazier, Jane Merrill	753 Asylum av., Hartford, Ct.	09	Je	09
Garland, Olive Frances	Carberry, Manitoba, Can.	09	Je	09
Gulick, Emily Reed	St Luke's Hosp., N. Y. C.	09	Je	09
Hewes, Caroline K.	St Luke's Hosp., N. Y. C.	09	F	09
McDougall, Mary Mac Gregor	St Luke's Hosp., N. Y. C.	09	F	09
Metcalf, Alice Maud	505 W. 112th st., N. Y. C.	09	F	09

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
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GROUP 2: NEW YORK SCHOOLS (continued)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>St Luke's Hospital Training School (concluded)</i>				
Osborne, Marguerite Elizabeth Adelaide.....	7 W. 108th st., N. Y. C.....	01	.....	Mr 08
Pogose, Weenie H.....	Tappan, N. Y.....	08	Je 09	.....
Post, Florence.....	620 W. 115th st., N. Y. C.....	08	F 09	.....
Small, Margaret.....	419 W. 115th st., N. Y. C.....	09	F 09	.....
Swartfinger, Grace.....	Monroe av., Oneonta, N. Y.....	09	Je 09	.....
<i>St Mark's Hospital Training School</i>				
Duerr, Lillian.....	Bayside, L. I., care Mrs W. R. Teller...	09	Je 09	.....
Hartmann, Anna Elise.....	Germantown, N. Y.....	06	.....	F 09
Mason, Gladys Anne Louise.....	St Mark's Hosp., 177 Second av., N. Y. C.....	09	Je 09	.....
Moulton, Georgianna.....	52 W. 39th st., N. Y. C.....	98	.....	O 08
<i>St Mary's Free Hospital for Children</i>				
Bruce, Constance Elspeth.....	192 Bloor st. West, Toronto, Can.....	09	Je 09	.....
Campbell, Margaret Hughes.....	Harlem Hosp., N. Y. C.....	09	Je 09	.....
Fellows, Clara Emma.....	550 Greene av., Brooklyn, N. Y.....	08	.....	F 09
Hyde, Teresa Kimball.....	405 W. 34th st., N. Y. C.....	09	Je 09	.....
Manget, Felicie Du Bouchet.....	405 W. 34th st., N. Y. C.....	09	Je 09	.....
Platt, Dorothy.....	95 Randolph av., Dover, N. J.....	08	F 09	.....
Platt, Eleanor Wilson.....	95 Randolph av., Dover, N. J.....	09	F 09	.....
Reinecke, Hilda Mary.....	St Mary's Free Hosp. for Children, 407 W. 34th st., N. Y. C.....	09	Je 09	.....
Wessells, Henrietta.....	201 Union av., Peekskill, N. Y.....	09	Je 09	.....
<i>St Mary's Hospital Training School</i>				
Lynch, Anna M.....	417 W. 145th st., N. Y. C.....	08	F 09	.....
McCabe, Sadie V.....	54 Tompkins pl., Brooklyn, N. Y.....	09	Je 09	.....
Merwick, Katherine Helena.....	2340 Seventh av., N. Y. C.....	08	F 09	.....
O'Rourke, Mary A. J.....	St Mary's Hosp. Training School, St Mark's av., Brooklyn, N. Y.....	09	Je 09	.....
Smith, Emily M.....	449 Jefferson av., Brooklyn, N. Y.....	08	Je 09	.....
<i>St Peter's Hospital Training School</i>				
Conlin, Mary Helena.....	5 Fulton st., Glens Falls, N. Y.....	09	Je 09	.....
Conroy, Helena K.....	411 23d st., Watervliet, N. Y.....	09	Je 09	.....
*.....	.....	09	Je 09	.....
Spellacy, Anna V.....	73 West st., Albany, N. Y.....	09	Je 09	.....
<i>St Vincent's Hospital Training School</i>				
Bowman, Catherine Mary.....	2 Church st., Glens Falls, N. Y.....	09	Je 09	.....
Clement, Marguerite Eva.....	St Vincent's Hosp., W. 12th st., N. Y. C.....	09	Je 09	.....
Clougherty, Ella Veronica.....	146 W. 83d st., N. Y. C.....	09	Je 09	.....
Connelly, Kathryn Pauline.....	158 W. 12th st., N. Y. C.....	08	F 09	.....
Doyle, Margaret J.....	149 E. 63d st., N. Y. C.....	98	.....	Mr 09
Finley, Katherine Marcello.....	126 W. 12th st., N. Y. C.....	08	Je 09	.....
Gaire, Margaret Mary.....	114 E. 53d st., N. Y. C.....	09	Je 09	.....
Marques, Caroline V.....	St John's Hosp., L. I. City, N. Y.....	97	.....	Mr 09
O'Connell, Mary Dempsey.....	156 W. 12th st., N. Y. C.....	09	Je 09	.....
Piper, Mary Frances.....	St Vincent's Hosp., N. Y. C.....	09	Je 09	.....
Reddy, Ellen Elizabeth.....	99 Hooker av., Poughkeepsie, N. Y.....	08	F 09	.....
<i>Samaritan Hospital Training School</i>				
Agnew, Hazel Eugenie.....	Port Henry, N. Y.....	09	Je 09	.....
Armstrong, Lauretta Gertrude.....	Samaritan Hospital, Troy, N. Y.....	09	F 09	.....
Clark, Margaret L.....	559 Second av., Troy, N. Y.....	09	F 09	.....
Devlin, Elizabeth.....	1726 Fifth av., Troy, N. Y.....	09	F 09	.....
Ernst, Frances Elizabeth.....	149 8th st., Troy, N. Y.....	09	F 09	.....
Haynes, Lucy Cutting.....	Samaritan Hosp., Troy, N. Y.....	09	F 09	.....
Ott, Margaret Grace.....	261 Fifth av., Troy, N. Y.....	08	F 09	.....
Shea, Mary Magdalene.....	365 Fourth av., Troy, N. Y.....	08	F 09	.....
Soden, Edith Carolyn.....	Samaritan Hospital, Troy, N. Y.....	09	Je 09	.....
Stevenson, Margaret J.....	Young Women's Association, 33 2d st., Troy, N. Y.....	08	F 09	.....

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
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GROUP I NEW YORK SCHOOLS (concluded)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
<i>Saratoga Hospital Training School</i>				
Hughes, Shella Aggie	216 Washington st., Saratoga Springs, N. Y.	09	Je 09	.....
Maher, Mary Ellen	216 Washington st., Saratoga Springs, N. Y.	09	Je 09	.....
<i>Sydenham Hospital Training School</i>				
Schulte, Wilhelmina	210 E. 64th st., N. Y. C.	07	F 09	.....
<i>Syracuse Homeopathic Hospital</i>				
Brooks, Margaret	120 W. Castle st., Syracuse, N. Y.	08	Je 09	.....
Harrer, Kathrynne Madelaine	390 Madison av., Albany, N. Y.	09	F 09	.....
<i>Syracuse Hospital for Women and Children</i>				
Bendall, Laura Louise	218 W. Colvin st., Syracuse, N. Y.	08	Je 09	.....
Brackett, Lucy Belle	1214 W. Genesee st., Syracuse, N. Y.	08	F 09	.....
Crockett, Elizabeth Helen	Jamesville, N. Y. R. F. D. 1	08	F 09	.....
Erway, Helen Arabella	311 W. 14th st., Elmira Heights, N. Y.	08	Je 09	.....
Gile, Florence M.	111 Shonnard st., Syracuse, N. Y.	09	Je 09	.....
Graham, Mary Ann	1101 E. Genesee st., Syracuse, N. Y.	08	F 09	.....
Grout, Annie J.	111 Shonnard st., Syracuse, N. Y.	09	F 09	.....
Kinyon, Georgiana Bell	218 W. Colvin st., Syracuse, N. Y.	09	Je 09	.....
Lucey, Florence Alice	1101 E. Genesee st., Syracuse, N. Y.	08	F 09	.....
Montana, Ada Belle	1101 E. Genesee st., Syracuse, N. Y.	09	Je 09	.....
<i>Thrall Hospital Training School</i>				
Dunning, Lena Elizabeth	Thrall Hosp., Middletown, N. Y.	09	Je 09	.....
Starkweather, Amy Winifred	Thrall Hosp., Middletown, N. Y.	09	Je 09	.....
<i>Troy Hospital Training School</i>				
Burke, Mary Agnes	25 Jackson st., N. Adams, Mass.	09	Je 09	.....
Corcoran, Catherine E.	594 19th st., Watervliet, N. Y.	08	F 09	.....
Head, Elizabeth Josephine	Cor. 9th and Hoosick st., Troy, N. Y.	09	Je 09	.....
Hopkins, M. Rose (Sister)	Troy Hosp., Troy, N. Y.	03	.....	Ag 08
Kirby, M. Cyril (Sister)	Troy Hosp., Troy, N. Y.	99	.....	Ag 08
Noonan, Bridget Monica	6th st., Waterford, N. Y.	09	Je 09	.....
Pattison, Ethel A.	1820 5th av., Troy, N. Y.	08	F 09	.....
<i>Utica General Hospital Training School</i>				
Bennett, Mabel Adelle	44 Scott st., Utica, N. Y.	09	Je 09	.....
Henneberger, Edwina	356 Blandina st., Utica, N. Y.	06	Je 09	.....
Liscomb, Maud Lillian	100 Brinkeroff av., Utica, N. Y.	09	Je 09	.....
<i>Vassar Brothers' Hospital Training School</i>				
Deyo, Mildred	Vassar Brothers Hosp., Poughkeepsie, N. Y.	08	F 09	.....
Rood, Lena Blanche	Vassar Brothers Hosp., Poughkeepsie, N. Y.	08	F 09	.....
Smith, Sarah Ann Virginia	20 Virginia av., Poughkeepsie, N. Y.	06	.....	Ja 09
Workman, Celia J.	140 Montgomery st., Poughkeepsie, N. Y.	09	Je 09	.....
<i>White Plains Hospital Training School</i>				
*	.....	09	Je 09	.....
<i>Willard State Hospital Training School</i>				
Ford, Rachel	State Hosp., Willard, N. Y.	99	.....	Ja 09
Merriman, Mary Jane	Willard, N. Y.	94	.....	O 08

* Requirements not met.

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909 (continued)

GROUP 2 SCHOOLS IN OTHER STATES

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
District of Columbia				
<i>Freedman's Hospital Training School</i>				
Carter, Edith Maria.....	50 Harrison st., New Rochelle, N. Y.	98	.....	O 08
Tyler, Elizabeth Williams..	154 W. 62d st., N. Y. C.....	96	.....	N 08
Wilson, Emma Carew.....	154 W. 62d st., N. Y. C.....	99	.....	D 08
Illinois				
<i>Augustana Hospital Training School</i>				
Jackson, Esther Theodore..	Ellis Hosp., Schenectady, N. Y.,.....	04	.....	D 08
Maryland				
<i>Johns Hopkins Hospital Training School</i>				
Freese, Francina.....	Cayuga, N. Y.....	01	.....	Mr 09
Massachusetts				
<i>Boston City Hospital Training School</i>				
Bell, Jessie May.....	157 Henry st., Brooklyn, N. Y.....	05	.....	Je 09
<i>McLean Hospital Training School</i>				
McCarver, Margaret.....	131 E. 78th st., N. Y. C.....	04	.....	Je 09
<i>Massachusetts General Hospital</i>				
Phillips, Anna Crawford...|	42 W. 46th st., N. Y. C.....	07	Je 09	.....
Sutherland, Myral.....	Corning Hosp., Corning, N. Y.....	00	.....	Ja 09
<i>Massachusetts Homeopathic Hospital</i>				
Manwell, Theodosia Parker.|	219 Bryant st., Buffalo, N. Y.....	01	.....	Je 09
<i>New England Hospital for Women and Children</i>				
Hill, Aurora.....	31 Dartmouth st., Boston, Mass.....	05	.....	O 08
<i>Newton Hospital Training School</i>				
Watson, Susie Augusta...|	S. R. Smith Infirmary, Tompkinsville, S. I., N. Y.....	05	.....	Ap 09
Minnesota				
<i>Asbury and Rebecca Methodist Episcopal Deaconess Hospital and Home</i>				
Greene, Eleanor L.....	Chateaugay, N. Y.....	05	.....	O 08
New Jersey				
<i>Christ Hospital Training School</i>				
Whyte, Lily May.....	115 W. 84th st., N. Y. C.....	09	Je 09	.....
<i>Elizabeth General Hospital Training School</i>				
Evans, Edith Annie.....	15 Trull st., Dorchester, Mass.....	05	.....	N 08
<i>Morristown Memorial Hospital</i>				
Ferguson, Ada Mae.....	13½ Pine st., Morristown, N. J.....	03	.....	Ag 08
<i>Orange Memorial Hospital</i>				
Gaston, Agnes Jane Wilson.|	340 W. 24th st., N. Y. C.....	89	.....	Je 09
Riter, Eudora A.....	245 W. 14th st., N. Y. C.....	93	.....	F 09
Ohio				
<i>Good Samaritan Hospital</i>				
Foley, Josephine B.....	137 W. 21st st., N. Y. C.....	99	.....	Je 09
Pennsylvania				
<i>Philadelphia General Hospital</i>				
Bescherer, Frances Hamil- ton.....	390 Madison av., Albany, N. Y.....	96	.....	Il 09
Hearle, Susan Caroline....	Albany Hosp., Albany, N. Y.....	91	.....	Il 09
Norris, Hattie Viola.....	Ellis Hosp., Schenectady, N. Y.....	04	.....	Ag 08
<i>University of Pennsylvania Hospital</i>				
Schulze, Anna L.....	Saratoga Hosp., Saratoga, N. Y.....	98	.....	Mr 09

Nurses licensed at examinations and under the waiver Aug. 1, 1908-
July 31, 1909 (concluded)

GROUP 2 SCHOOLS IN OTHER STATES (concluded)

NAME	ADDRESS	DATE OF		
		Graduation	Examination	Waiver
Ontario, Can. <i>Victoria Hospital Training School</i>				
Chichester, Caroline E. L....	47 Eagle st., Albany, N. Y.....	91	Je 09	.....
Davis, Agnes.....	50 W. 97th st., N. Y. C.....	96	.....	O 08
Quebec, Can. <i>Montreal General Hospital</i>				
Taylor, Marian Anne.....	54 W. 37th st., N. Y. C.	05	.....	Je 09

Certified public accountant certificates issued on examinations Aug. 1, 1908-
July 31, 1909

Aderer, Alexander	Hipwell, Herbert
aAnzer, William H. S.	aHorne, Henry Abbott
aAtkins, Harold B.	aVimey, Charles J.
Atkins, Robert	aJacobson, Charles
Banks, Howard M.	Johnson, William B.
Batchelder, Francis J.	aKarmel, Abraham
aBauer, George F. jr	aMcCormack, Hugh A.
aBell, Hermon F.	aMcHeffey, T. Leonard
aBrown, Robert H.	Miller, Philip N.
aCraemer, William	Neville, Francis D.
Dillman, Albert F.	Peet, David K.
Doty, Albert M.	Scovell, Clinton H.
aDuff, Daniel V.	aShipway, George W.
aDuffy, Edward J.	Smith, Edward C.
aEhrlich, Theodore	Smith, F. Harold
aFairbanks, Kenneth	Stark, Dana F.
aFarrell, James F.	Stone, Edmund N.
Fernald, Henry B.	Thornton, Frank W.
Pirih, Joseph W.	aWeston, George, jr
Gunts, James D.	Whittlesey, Willis Savage
Graef, Joseph E.	Wildman, John R.
aGray, Elmer O.	aWillvonseder, Ernest
aHarper, Donald L.	aWinans, De Kay
aHawkins, Arthur H.	Wood, John Frederick E.

In addition to above 43 candidates were examined but were unsuccessful.

a Awaiting decision of board.

The following received certificates to practise optometry on examination
Aug. 1, 1908-July 31, 1909

Brown, Turner Chase.....	540 W. 143d st., N. Y. C.....	Exp.
Dassance, Forrest.....	Newfield, N. Y.....	Sch.
Dilworth, Patrick Augustine.....	744 Lexington av., N. Y. C.....	Exp.
Failing, Wilson R.....	388 Welling st., Richmond Hill, N. Y.....	Sch.
Fuller, Morris Leslie.....	Phoenix, N. Y.....	Sch.
Hahn, John Frederick.....	413 Sterling pl., Brooklyn, N. Y.....	Sch.
Hayden, Daniel Elias.....	207 Garfield av., Syracuse, N. Y.....	Sch.
Kelsey, Albert W.....	Franklinville, N. Y.....	Exp.
Lockwood, Robert M.....	1 Maiden Lane, N. Y. C.....	Sch.
McMullen, Horace Stanley.....	194 Herkimer st., Buffalo, N. Y.....	Sch.
Marsh, Harry N.....	E. Main st., Fredonia, N. Y.....	Sch.
Mitchell, Clarence A.....	379 Main st., Buffalo, N. Y.....	Sch.
Neil, William Herbert.....	17 Gardner bldg., Utica, N. Y.....	Sch.
Pattison, Leroy C.....	Westport, Essex co., N. Y.....	Sch.
Quick, Vernon H.....	Catatonk, Tioga co., N. Y.....	Sch.
Rockefeller, Fisher D.....	54 Hamilton av., Auburn, N. Y.....	Sch.
Ryer, Elmer Le Roy.....	200 Broadway, N. Y. C.....	Sch.
Selkowitz, Isidor J.....	769 E. 158th st., N. Y. C.....	Sch.
Simon, Jacob C.....	61 St James pl., Buffalo, N. Y.....	Sch.
Stone, Fred Clayton.....	Y. M. C. A. bldg., Liberty st., Warren, Pa.....	Sch.
Strickler, Howard Roswell.....	136 Buffum st., Buffalo, N. Y.....	Sch.
West, Clark Darwin.....	12 E. 3d st., Jamestown, N. Y.....	Sch.

Certificates to practise optometry were issued to the following Aug. 1, 1908-
July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49)

NAME	ADDRESS	Date of certificate
Abbott, Luther G.	Perry, N. Y.	Pl 09
Abell, Andy J.	Lilly Dale, N. Y.	Je 09
Abell, Julia A.	Lilly Dale, N. Y.	Je 09
Abramowitz, Henry J.	217-75 E. 105th st., N. Y. C.	Ap 09
Abramson, Max	2526 8th av., N. Y. C.	Ap 09
Ackerman, Frank A.	21 Reynolds Arcade, Rochester, N. Y.	Ja 09
Adams, Robert Gordon A. A.	16 W. 134th st., N. Y. C.	D 08
Adner, Abraham	574 2d av., Troy, N. Y.	Ja 09
Agens, Ernest Allen	Lowville, N. Y.	D 08
Ager, Simon H.	145 Avenue C, N. Y. C.	D 08
Aikin, Floyd L.	346 Main st., Buffalo, N. Y.	Ja 09
Aitchison, John Rankin	Bayside, L. I., N. Y.	Ap 09
Aken, J. Henry	Ticonderoga, N. Y.	Ap 09
Albee, John W.	Roscoe, N. Y.	Ap 09
Albin, Archer Overton	1427 60th st., Brooklyn, N. Y.	Ap 09
Aldridge, Leroy W.	520 Brisbane bldg., Buffalo, N. Y.	D 08
Alexander, Abraham	2100 7th av., N. Y. C.	Ap 09
Alexander, Henri P.	12 E. 125th st., N. Y. C.	D 08
Alexander, Jacob	62 E. 125th st., N. Y. C.	Ja 09
Alexander, Joseph	24 W. 125th st., N. Y. C.	Ap 09
Alexander, Louis	106 E. 23d st., N. Y. C.	Ja 09
Alger, Warren W.	6th av. & 23d st., N. Y. C.	D 08
Allen, Delmer Clyde	56 W. 125th st., N. Y. C.	Ap 09
Allen, Lewis	37 Greene st., Amsterdam, N. Y.	D 08
Allen, William A.	Port Chester, N. Y.	Ap 09
Alter, Jay W.	Gloversville, N. Y.	D 08
Amadon, Fred L.	S. Main st., Ticonderoga, N. Y.	Ap 09
Ambs, Daniel	732 Melrose av., N. Y. C.	D 08
Ammann, George Sylvan	1520 Third av., N. Y. C.	Ap 09
Amols, Louis	425 Fulton st., Brooklyn, N. Y.	Ap 09
Andersen, Christian	2611 Atlantic av., Brooklyn, N. Y.	Ap 09
Anderson, Frank Claud	542 Columbus av., N. Y. C.	Ap 09
Anderson, Nelson	33 Front st., Ballston Spa, N. Y.	Je 09
Anderson, Swan Edward	10 E. 2d st., Jamestown, N. Y.	Je 09
Anderson, William Henry	1 N. Water st., Ogdensburg, N. Y.	D 08
Andrus, George L.	415 Main st. E., Rochester, N. Y.	D 08
Angles, William Frederick	Walden, N. Y.	D 08
Applebaum, Ralph S.	303 Throop av., Brooklyn, N. Y.	Je 09
Ariesohn, Louis	510 Amsterdam av., N. Y. C.	Ap 09
Arnemann, Martin	504 13th st., College Point, N. Y.	D 08
Arniel, William J.	Brookport, N. Y.	Ja 09
Arrizen, Benjamin W.	143 Fulton st., N. Y. C. care C. E. Cordeau	Ja 09
Arrington, Edward Everett	29 Clinton av. S., Rochester, N. Y.	D 08
Arzt, Joseph	329 East 719th st., N. Y. C.	Ap 09
Ascher, Clarence	100 State st., Albany, N. Y.	Ap 09
Ash, John Walter	Lestershire, N. Y.	Ja 09
Ash, Stephen Bernard	629 Madison st., Brooklyn, N. Y.	Ja 09
Ashley, John J. jr.	1327 Fulton st., Brooklyn, N. Y.	Ap 09
Ashman, Maurice Wolf	168 Dean st., Brooklyn, N. Y.	Ap 09
Assetta, Caesar	31 Prince st., N. Y. C.	Ap 09
Austin, Lewis N.	North Collins, N. Y.	Je 09
Avignone, Frank	59 Mac Dougal st., N. Y. C.	M 09
Ayers, John S.	Newark Valley, N. Y.	Je 09
Babcock, Lewis H.	Canisteo, N. Y.	D 08
Babenzien, Max F.	996 Broadway, Brooklyn, N. Y.	Ap 09
Badgley, Henry C.	317 Livingston st., Brooklyn, N. Y.	Ja 09
Bailat, Alfred, jr.	199 Bridge st., Brooklyn, N. Y.	Ja 09
Bailey, Charles O.	62 Ford st., Ogdensburg, N. Y.	Ja 09
Baird, Hugh	34 Ormond pl., Brooklyn, N. Y.	D 08
Baird, John Smith	4 Paddock block, Watertown, N. Y.	Ap 09
Baird, William H.	63 Main st. E., Rochester, N. Y.	Ja 09
Baker, Roland H.	Madison, N. Y.	Ap 09
Balderson, Frank S.	Theresa, N. Y.	D 08
Baldwin, Charles Ernest	Olean, N. Y.	Ap 09
Balfour, William S.	75 Mohawk st., Cohoes, N. Y.	Ap 09
Balizer, Adolph	1223 Myrtle av., Brooklyn, N. Y.	Ap 09
Balizer, Isidore	1223 Myrtle av., Brooklyn, N. Y.	Ap 09
Ball, Samuel	24 E. 116th st., N. Y. C.	Ja 09
Ball, Sanford Assel	Potsdam, N. Y.	Je 09
Balmer, John Henry	25 Grand av., Corona, L. I.	Ap 09
Bantel, William Frederick	70 Sumner av., Brooklyn, N. Y.	Ap 09
Barber, William Theodore	Belmont, N. Y.	Je 09
Barclift, Fred Emil	164-66 Montague st., Brooklyn, N. Y., care Richard E. Walsh, Counselor at law	M 09
Baringer, Edward Monroe	Gloversville, N. Y.	D 08
Barkas, Morris	1157 Broadway, Brooklyn, N. Y.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908–July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Barker, Albert Suydam	23 Flatbush av., Brooklyn, N. Y.	Ja 09
Barker, Jonathan M.	Randolph, N. Y.	M 09
Barker, J. Ray	Niobe, N. Y.	M 09
Barnes, Clare Don	Gowanda, N. Y.	Ja 09
Barnes, Harrison	729 Manhattan av., Brooklyn, N. Y.	Ap 09
Barnes, Newel F.	Conewango Valley, N. Y.	Ja 09
Barnett, Arthur Delance	Crown Point, N. Y.	Ap 09
Barnett, John Walter	604 Sackett st., Brooklyn, N. Y.	D 09
Barrett, William H.	382 Washington st., Buffalo, N. Y.	Ap 09
Barron, Edward E.	Wappingers Falls, N. Y.	Ap 09
Barry, William	615 State st., Schenectady, N. Y.	Ja 09
Bartholomew, Frank	Ellicottville, N. Y.	Ap 09
Basser, Pinkus D.	Lake Placid, N. Y.	D 09
Bassinger, George H.	Glens Falls, N. Y.	Ap 09
Bates, Edwin Eugene	8 Wallace bldg., Cortland, N. Y.	D 09
Bauer, Albert	516 E. 90th st., N. Y. C.	Ap 09
Bauer, Conrad E.	Waldorf Astoria, N. Y. C., care P. A. Meyrowitz.	Ap 09
Bauer, Henry J.	401 Bridge st., Brooklyn, N. Y.	Ap 09
Bauer, Hermann	1266 Lexington av., N. Y. C.	Ja 09
Bauer, Pauline A.	1266 Lexington av., N. Y. C.	Ap 09
Bauer, William C.	120 Main st., Poughkeepsie, N. Y.	Ja 09
Baum, Menzo E.	Tully, N. Y.	D 09
Bausch, Edward E.	6 Main st. E., Rochester, N. Y.	D 08
Bausch, George	400 Walnut pl., Syracuse, N. Y.	D 08
Bausch, George E.	6 Main st. E., Rochester, N. Y.	D 08
Beadle, Danie W.	115 College pl., Syracuse, N. Y.	D 09
Bean, Charles W.	Warrensburg, N. Y.	Ap 09
Beard, James Joseph	503 5th av., N. Y. C.	D 09
Beardsley, Erford C.	Sidney, N. Y.	Ap 09
Bebus, Franklin E.	Harrison, N. Y., Box 480.	Ja 09
Bechtold, Robert Francis	119 E. 23d st., N. Y. C.	Ap 09
Beck, Alexander	1576 Fulton st., Brooklyn, N. Y.	Ap 09
Beck, John, jr.	Ravens, N. Y.	Ja 09
Becker, Barnett L.	203 E. Broadway, N. Y. C.	D 09
Becker, David	203 E. Broadway, N. Y. C.	Ja 09
Becker, John A.	Delmar, N. Y.	D 09
Becker, Louis B.	110 E. 23d st., N. Y. C.	Ap 09
Becker, Samuel	429 Clinton st., Buffalo, N. Y.	Ja 09
Beckwith, Emma Marilla	9 Maiden Lane, N. Y. C.	Ap 09
Beers, Leonard E.	Apulia Station, N. Y.	Ja 09
Bell, G. Pierson	Waterloo, N. Y.	D 09
Bell, John Edwin	18 Ford st., Ogdensburg, N. Y.	Ja 09
Bendix, Arthur J.	800 3d av., N. Y. C.	Ja 09
Benedict, Creswell	Main st., Mount Kisco, N. Y.	Ap 09
Benedict, Edward J.	91 Main st. E., Rochester, N. Y.	D 09
Benjamin, Alvin	Livingstonville, N. Y.	Ap 09
Benjaminson, David	250 Hart st., Brooklyn, N. Y.	Ap 09
Bennett, Francis C.	3 N. Main st., Gloversville, N. Y.	D 09
Bensel, Leonard J.	2079 Lexington av., N. Y. C.	Ap 09
Benson, Charles Herbert	851 Lake st., Elmira, N. Y.	Ja 09
Berger, John	504 E. 17th st., N. Y. C.	Ap 09
Berger, Paul	151 Fulton st., N. Y. C.	Ja 09
Bergman, Abraham	181 Main st., Buffalo, N. Y.	Ap 09
Berlin, Joseph Irving	Phoenix bldg., Room 93, 16 Court st., Brooklyn, N. Y.	Ap 09
Berman, Charles	151 Hudson av., Rochester, N. Y.	Ap 09
Bernstein, Henry G.	135 E. 113th st., N. Y. C.	Je 09
Bernstein, Joseph	920 Grape st., Syracuse, N. Y.	Ja 09
Bernstein, Max	200 High st., Elmira, N. Y.	Ja 09
Bertrand, Henry Stephen	Warrensburg, N. Y.	Ja 09
Bessett, Joseph H.	121 Saratoga av., Northside, Cohoes, N. Y.	Ap 09
Best, Albert James	11 Genesee st., Buffalo, N. Y.	Ja 09
Bestor, Harry Martin	29 Clinton av. S., Rochester, N. Y.	D 09
Betts, Charles Henry	41 Niagara st., Tonawanda, N. Y.	Ap 09
Beverly, George Curtis	Fort Edward, N. Y.	Ap 09
Bevillard, Edward P.	25 Steuben st., Albany, N. Y.	D 09
Bickelmann, Charles	255 State st., Schenectady, N. Y.	Ap 09
Biederman, Charles Innes, sr.	129 Main st., Oneonta, N. Y.	Je 09
Biederman, Charles Ogden	Oneonta, N. Y.	D 09
Bilello, Philip	18 Jefferson st., Brooklyn, N. Y.	D 09
Billingham, Frank L.	177 Bay 20th st., Brooklyn, N. Y.	Ja 09
Bishop, John Bruce	Canaseraga, N. Y.	Ja 09
Bissell, Williston W.	91 Main st. E., Rochester, N. Y.	D 09
Black, Minnie	170 E. 78th st., N. Y. C.	Ja 09
Black, William E.	234 Koons av., Buffalo, N. Y.	Ap 09
Blackburn, Daniel O.	Lockwood, N. Y.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908—July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Blair, Francis W.	19 Bond st., Brooklyn, N. Y.	D 08
Blake, Edmund J.	104 E. 23d st., N. Y. C.	Ap 09
Blakely, Edwin O.	230 Main st., East Aurora, N. Y.	Ap 09
Blanc, Katherine Olga	21 Bond st., Brooklyn, N. Y.	Il 09
Blanchard, John Wallace	51 W. 128th st., N. Y. C.	Ap 09
Blancq, Joachim H.	11 Varet st., Brooklyn, N. Y.	D 08
Blank, Bernard Herman	47 Maiden Lane, N. Y. C.	Ap 09
Blee, Willis Blockwell	95 S. Portland av., Brooklyn, N. Y.	D 08
Bliss, Arthur D.	Albion, N. Y.	Ja 09
Block, Emil	420 Plymouth av., Rochester, N. Y.	D 08
Blodgett, Malcolm S.	Lacona, N. Y.	D 08
Blodgette, Fred N.	Glenfield, N. Y.	Ja 09
Bluestone, Hyman S.	941 Grape st., Syracuse, N. Y.	Ap 09
Blum, Henry A.	46 Ridge st., N. Y. C.	D 08
Blum, Myer	66½ Hudson av., Albany, N. Y.	D 08
Blumberg, Isadore	44 State st., Auburn, N. Y.	D 08
Blumberg, Myer	617 Madison st., Syracuse, N. Y.	D 08
Blumberg, Samuel J.	44 State st., Auburn, N. Y.	Ap 09
Blumenstock, Pauline	48 Rivington st., N. Y. C.	Ap 09
Bock, Isadore R.	621 Willoughby st., Brooklyn, N. Y.	Je 09
Bohling, John	222 E. 32d st., N. Y. C.	Ap 09
Boles, Margaret	45 E. Third st., Dunkirk, N. Y.	Ap 09
Bomelstein, Samuel	753 Manhattan av., Brooklyn, N. Y.	Il 09
Bong, John E.	31 E. Market st., Corning, N. Y.	Je 09
Boney, Horace Walter	186 Genesee st., Utica, N. Y.	D 08
Bonyay, Albert	125 Fulton st., Brooklyn, N. Y.	Il 09
Borrer, Frances	Bell av., Bayside, L. I., N. Y.	Ap 09
Borrer, Isidor	915 8th av., N. Y. C., care L. Lewis	Ap 09
Boorn, Ernest Leroy	East Worcester, N. Y.	Ap 09
Borchert, Charles	1074 Jackson av., N. Y. C.	Ap 09
Borst, Jehiel B.	Hobart, N. Y.	Il 09
Bowers, Henry Allen	53 S. Main st., Jamestown, N. Y.	M 09
Bowers, Wilfred R.	1265 State st., Schenectady, N. Y.	Ap 09
Boyle, Andrew H.	Glens Falls, N. Y.	D 08
Boyle, John J.	Saratoga Springs, N. Y.	D 08
Boyle, Patrick	Glens Falls, N. Y.	D 08
Brace, Cora P.	6 Colbert Court, Rochester, N. Y.	D 08
Bradford, William Lawrence	Lyon Mountain, N. Y.	Ja 09
Bradley, Charles Clifton	Batavia, N. Y.	Ja 08
Bradley, Ernest Morton	Weedsport, N. Y.	Ja 08
Bradley, Lewis H.	Watkins, N. Y.	D 08
Bradt, Fred Charles	Lowville, N. Y.	D 08
Brainerd, Clarence W.	Oneonta, N. Y.	Ja 09
Braman, William C.	104 Rosenbloom bldg., Syracuse, N. Y.	Ja 09
Bramer, Henry T.	10 Main st., Attica, N. Y.	Je 09
Brandow, Charles	Bloomville, N. Y.	D 08
Brant, Julian	636 Second av., N. Y. C.	Ap 09
Brautman, Barnet	699 Grand st., Brooklyn, N. Y.	Ap 09
Brenner, David	176 Joseph av., Rochester, N. Y.	Ap 09
Bretch, Brayton S.	Glens Falls, N. Y.	D 08
Brohan, James Edward	423 E. 137th st., N. Y. C.	Ap 09
Broker, John Albert	1172 50th st., Brooklyn, N. Y.	Ap 09
Bronner, John G.	601 Ash st., Syracuse, N. Y.	D 08
Brooke, Benjamin H.	283 Broadway, Brooklyn, N. Y.	D 08
Brooke, Ida	283 Broadway, Brooklyn, N. Y.	Ap 09
Brooke, Isidore	866 Flatbush av., Brooklyn, N. Y.	Je 09
Brooks, Joseph K.	54 Great Jones st., N. Y. C.	D 08
Brooks, Stephen H.	198 Broadway, N. Y. C.	D 08
Brown, Bert Crouch	Cohocton, N. Y.	Ja 09
Brown, Merlin Jay	184 Emale st., Buffalo, N. Y.	Ja 09
Brown, Millard R.	Addison, N. Y.	D 08
Brown, Ralph C.	Riverhead, N. Y.	Ap 09
Brundidge, Albert S.	Walden, N. Y.	Ap 09
Bryan, William E.	Painted Post, N. Y.	Ap 09
Buehl, Russell Ostrander	94 Grant st., Buffalo, N. Y.	Ja 09
Bueltmann, Frederick A.	732 E. 156th st., N. Y. C.	Ap 09
Bueman, J. Peter	273 S. Pearl st., Albany, N. Y.	Ap 09
Bull, David W.	Kirk bldg., Syracuse, N. Y.	D 08
Bunte, Ludwig C.	68 Bowery, N. Y. C.	Ap 09
Bunzey, Arthur Walter	Owego, N. Y.	D 08
Burbank, Charles I.	Roselle Park, N. J.	Ap 09
Burchard, John Alfred	Saranac Lake, N. Y.	D 08
Burghardt, George C.	408 E. 158th st., N. Y. C.	Ap 09
Burghardt, Linus Freeman	Falconer, N. Y.	Ap 09
Burnans, Edgar Eltinge	107 Lexington av., N. Y. C.	Ap 09
Burke, Edward F.	Geneva, N. Y.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Burke, Morris Eloy	Wolcott, N. Y.	D 08
Burke, William Mace	W. Martinsburg, Lewis co., N. Y.	Ja 09
Burlingham, Holland Yates	Sherburne, N. Y.	D 08
Burn, Henry Watson	614 3d st., Albany, N. Y.	Ja 09
Burnett, Oswald	234 Oak st., Binghamton, N. Y.	Je 09
Burnham, Fred Elmer	495 Manhattan av., N. Y. C.	Ap 09
Burna, Louis	2558 Eighth av., N. Y. C.	Ap 09
Burrill, Nelson Alonzo	228 Columbia st., Utica, N. Y.	Ja 09
Burstein, Samuel Henry	3061 Third av., N. Y. C.	Je 09
Burtiss, James Robert	62 Genesee st., Utica, N. Y.	Je 09
Burton, Frederick Lealie	Canajoharie, N. Y.	Ap 09
Buse, Frederick W.	Cohoes, N. Y., R. F. D. 1	Ap 09
Bushnell, Charles Jay	5 Triangle bldg., Rochester, N. Y.	D 08
Buskirk, Charles Platt	89 Third st., Troy, N. Y.	D 08
Butler, John F.	Potsdam, N. Y.	D 08
Calder, George B.	2 Washington Hall, Watertown, N. Y.	D 08
Camerino, Luciano A.	2038 Amsterdam av., N. Y. C.	Ap 09
Campbell, Charles Blackwell	Cameron Mills, N. Y.	Ap 09
Caney, C. Edward	James & Lake st., Richfield Springs, N. Y.	Ap 09
Caplan, George Alfred	728 Myrtle av., Brooklyn, N. Y.	Ap 09
Carbino, David	Massena, N. Y.	D 08
Card, Charles Whitney	Port Ewen, N. Y.	Ap 09
Carl, Leslie E.	Deposit, N. Y.	D 08
Carlin, Walter Edward	230 Sixth av., Brooklyn, N. Y.	Ap 09
Carr, Frank J.	78 Division st., Albany, N. Y.	D 08
Carr, James M.	519 S. Meadow st., Ithaca, N. Y.	Ap 09
Carr, Joseph J.	2127 Main st., Niagara Falls, N. Y.	Je 09
Carson, Edward	222 Main st., New Rochelle, N. Y.	Ap 09
Carter, Fred Porter	20 Court st., Binghamton, N. Y.	Ap 09
Casole, Vincent	43 Sixth av., N. Y. C.	Ap 09
Cassidy, William L.	N. Rose, N. Y.	Ja 09
Caswell, Mary E.	Cortland, N. Y.	Ja 09
Catania, Joseph	417 E. 21st st., N. Y. C.	Ap 09
Cervante, Walter Washington	1739 Weeks av., Bronx, N. Y. C.	M 09
Chaimowitz, Meyer	98 Moore st., Brooklyn, N. Y.	Il 09
Chapman, Edwin P.	Philmont, N. Y.	Ja 09
Chase, Chester Squire	211 Frost av., Rochester, N. Y.	D 08
Chessman, Otis Stewart	110 Berkeley pl., Brooklyn, N. Y.	Ap 09
Chetwynd, Fred, jr.	Gloversville, N. Y.	D 08
Cheydleur, Benjamin Henry	Norwich, N. Y.	D 08
Chilton, Albert R. L.	719 Fulton st., Brooklyn, N. Y.	Ap 09
Chittenden, George G.	Stephentown, N. Y.	Je 09
Chouffet, Charles Frederick	379 Main st., Buffalo, N. Y.	Ap 09
Christman, Edward Charles	40 Main st. W., Rochester, N. Y.	Ja 09
Churchill, Byron Joseph	66 Main st., Oneida, N. Y.	D 08
Churchill, George H.	7 Market st., Amsterdam, N. Y.	D 08
Clairmont, John Henry	4580 Park av., N. Y. C.	Ap 09
Clairmont, Joseph St John	539 Fifth av., N. Y. C.	Ap 09
Clark, Almon W. (Dr)	Jefferson, Schoharie co., N. Y.	Ja 09
Clark, Brayton T.	2 Clarendon bldg., Utica, N. Y.	D 08
Clark, Burt B.	5 Triangle bldg., Rochester, N. Y.	D 08
Clark, Edward Adrian	299 Lexington av., N. Y. C.	Ap 09
Clark, Harry N.	432 S. Salina st., Syracuse, N. Y.	Ja 09
Clark, Hiram L.	Cohocton, N. Y.	Ap 09
Clark, Lynne R.	Canandaigua, N. Y.	Il 09
Clark, Marvin Ray	Jamaica & Myrtle av., Richmond Hill, N. Y.	Ap 09
Clark, Myron	Catskill, N. Y.	Ap 09
Clark, Willett Garn	Honeoye Falls, N. Y.	Ja 09
Clarke, William Cavert	233 State st., Schenectady, N. Y.	D 08
Clark, William W.	Cazenovia, N. Y.	Il 09
Clarke, Leon E.	De Kalb Junction, N. Y.	Ja 09
Cloudsley, William Wilkie	43 Mass. av., Buffalo, N. Y.	Ja 09
Clyne, Cortez T.	72 Pike st., Port Jervis, N. Y.	Ap 09
Coates, Frederick G. W.	440 Fulton st., Brooklyn, N. Y.	D 08
Coburn, John Wesley	Ashville, N. Y.	Ap 09
Cocklin, Russell S.	54 E. 59th st., N. Y. C.	Ap 09
Coghlan, Joseph M.	56 Cedar av., Patchogue, N. Y.	D 08
Cohen, Albert	116 Fulton st., N. Y. C.	Ja 09
Cohen, Harry Adolphus	95 Flatbush av., Brooklyn, N. Y.	Ap 09
Cohen, Louis	381 Grand st., N. Y. C.	Ap 09
Cohen, Morris	8 Maiden Lane, N. Y. C.	Ja 09
Cohen, Nathan	418 Grand st., N. Y. C.	Ap 09
Cohen, Samuel	5718 Fifth av., Brooklyn, N. Y.	Ap 09
Cohen, Samuel J.	207 Ross st., Brooklyn, N. Y.	Ap 09
Cohn, Leo	1382 Boston road, N. Y. C.	Ap 09
Cole, Myron Ambrose	1209 Milton av., Syracuse, N. Y.	D 08

Certificates to practise optometry were issued to the following Aug. 1, 1908—July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Coleman, Minnie Harrison	106 S. 3d av., Mt Vernon, N. Y.	Ap 09
Coller, Adolph Hyman	218 Stanton st., N. Y. C.	Ap 09
Collins, Ezra Thomson	Parishville, N. Y.	D 08
Collins, William Edson	Potadam, N. Y.	D 08
Colvin, Clare Emmet	Main st., Woodhull, N. Y.	Ja 09
Colvin, Merton E.	Lyons, N. Y.	Ja 09
Combs, Cassius G.	Corinth, N. Y.	Je 09
Comfort, Melville Lane	Owego, N. Y.	D 08
Comfort, William C.	131 S. Main st., Elmira, N. Y.	D 08
Condit, Fletcher Henry	Center Moriches, L. I., N. Y.	D 08
Conger, Wayne Orlo	366 S. Salina st., Syracuse, N. Y.	Ja 09
Conklin, Don Jacob	Cazenovia, Madison co., N. Y.	Ja 09
Conklin, Edward M.	Mt Morris, N. Y.	Ja 09
Connell, George W.	Fort Covington, N. Y.	Ap 09
Connett, Earle T.	71 Nassau st., N. Y. C.	Ja 09
Conovits, Morris	25 Main st., Flushing, N. Y.	Ap 09
Conrad, William Pitch	261 Steinway av., L. I. City, N. Y.	Ap 09
Cook, George J.	173 Broadway, Buffalo, N. Y.	Ja 09
Cook, Samuel Hunting	Huntington, N. Y.	D 08
Cook, William J.	173 Broadway, Buffalo, N. Y.	Ja 09
Cook, William Nevins	173 W. 148th st., N. Y. C.	Ap 09
Cooley, Alvah Russell	316 E. 116th st., N. Y. C.	Ap 09
Cooley, George Wilson	Sidney, N. Y.	Ja 09
Cooper, Thomas William	50 Nassau st., N. Y. C.	Ap 09
Coovette, Joseph Alfred	26 N. Broadway, Yonkers, N. Y.	Je 09
Copeland, Brommie	Salem, N. Y.	D 08
Copp, Monroe Marrison	154 Gregory st., Rochester, N. Y.	Ap 09
Cordeau, Charles E.	133 Fulton st., N. Y. C.	Ja 09
Corey, Leonell Cevill	Painted Post, N. Y.	Ap 09
Corwin, Frank Howard	Riverhead, L. I., N. Y.	D 08
Corwin, Willis G.	Main st., Southampton, N. Y.	Ap 09
Cosman, Henry S.	Hilton, N. Y.	Ja 09
Cottrell, William P.	Plattsburg, N. Y.	Ap 09
Courmettes, Henry	15 Gouverneur pl., N. Y. C.	Ap 09
Courmettes, Marius Antoine Humbert	722 Lexington av., N. Y. C.	Ap 09
Coutts, Edwin	Hoosick Falls, N. Y.	Ja 09
Cox, Frederick Richard	362 Broadway, Troy, N. Y.	D 08
Cox, Richard M.	39 Grand st., Albany, N. Y.	D 08
Craven, George W. M.	3d av. & 59th st., N. Y. C.	Ap 09
Crayton, Russell Edward	7 William st., Glens Falls, N. Y.	D 08
Cronin, Cornelius James	30 Fulton st., Glens Falls, Warren co., N. Y.	Ja 09
Crosby, John J.	126 Prospect pl., Brooklyn, N. Y.	Ja 09
Crosman, William C.	92 Genesee st., Auburn, N. Y.	D 08
Cross, Andrew Joy	20 E. 23d st., N. Y. C.	D 08
Cudworth, John W.	Cortland, N. Y.	D 08
Cummings, James Arthur	73 Main st., Gouverneur, N. Y.	D 08
Curran, John	54 W. 125th st., N. Y. C.	Ap 09
Curtis, William	830 Manhattan av., Brooklyn, N. Y.	D 08
Cushing, Charles Frederick	Arcade bldg., 5 Falls st., Niagara Falls, N. Y.	Ja 09
Cushing, Willis Earle	Arcade bldg., 5 Falls st., Niagara Falls, N. Y.	Ja 09
Dachtera, Andrew J.	48 W. 125th st., N. Y. C.	Ap 09
Dachtera, William Maximilian	502 W. 135th st., N. Y. C.	Ap 09
Dadd, Benjamin	617 2d av., N. Y. C.	Ap 09
Dahn, Charles Oliver	Main st., Brewster, N. Y.	Ap 09
Dalley, Clarence J.	Gloversville, N. Y.	D 08
Dalley, Grant Sherman	Phoenix, N. Y.	Ja 09
Dale, Charles James	Plattsburg, N. Y.	D 08
Daley, George	Dolgeville, N. Y.	Ap 09
Daly, Henry Joseph	170 Broadway, N. Y. C.	Ja 09
Daly, Joseph Michael	1878 7th av., N. Y. C.	Ap 09
Damran, Herman	850 Columbus av., N. Y. C.	Ap 09
Daniels, Charles A.	Gilbertville, N. Y.	Ap 09
Daniels, George H.	Whitney's Point, N. Y.	Ap 09
Daniels, George R.	1661 Union st., Olean, N. Y.	M 09
Daniels, John De Valson	Albion, N. Y.	Ap 09
Darling, Dexter H.	Guilford, N. Y.	Ap 09
Darrow, Jared A.	Canandaigua, N. Y.	D 08
Davidoff, Benjamin	68 E. 107th st., N. Y. C.	D 08
Davidson, Adela	195 Avenue A, N. Y. C.	Ap 09
Davies, David Stephen	Oriskany Falls, N. Y.	JI 09
Davis, Benjamin	12 Willy av., Liberty, N. Y.	Ap 09
Davis, Edward L.	Pulaski, N. Y.	D 08
Davis, John	58 King st., Troy, N. Y.	Ja 09
Day, Oscar E.	Mohawk, N. Y.	Ja 09
De Graff, Hartly Eiton	Hamburg, N. Y.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908—
July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909,
ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Dalfox, Paul	518 Greene av., Brooklyn, N. Y.	D 08
De Long, Otis C.	193 Main st., Oneonta, N. Y.	D 08
Dembo, Leopold	1686 3d av., N. Y. C.	Ap 09
Dembo, Rae Silverstone	32 Court st., Binghamton, N. Y.	D 08
Dembo, Samuel Barian	32 Court st., Binghamton, N. Y.	D 08
Dengler, William F.	40 W. 125th st., N. Y. C.	Ap 09
Dennin, Atfield Clark	326 Smith st., Brooklyn, N. Y.	Pl 09
de Tartas, Augustus R.	408 Lenox av., N. Y. C.	Ap 09
Detting, Paul Emil	658 Clinton st., Buffalo, N. Y.	Ja 09
De Vaney, William Joseph	57 Cherry st., Geneva, N. Y.	M 09
Devin, John C.	55 W. 131st st., N. Y. C.	M 09
De Witt, Ambrose Arnold	8 Columbia av., Maspeh, L. I., N. Y.	Ap 09
De Witt, Hugo	228 W. 122d st., N. Y. C.	Ap 09
Dey, Samuel F.	Fillmore, N. Y.	Ap 09
Dey, Stuart F.	Geneva, N. Y.	D 08
Deyoe, Simeon De Witt	Cortland, N. Y. R. F. D. 3	D 08
Dibble, Amasa Parker	Westfield, N. Y.	D 08
Dibble, Gains Halsey	Unadilla, N. Y.	Ja 09
Dick, John David	716 State st., Watertown, N. Y.	D 08
Diebold, Albert J.	1227 Jefferson st., Buffalo, N. Y.	Je 09
Diehl, Herman	Jamestown, N. Y.	Ja 09
Diestel, Carl John	Monticello, N. Y.	Ja 09
Dietz, William	20 Maiden Lane, N. Y. C.	Ap 09
Dilworth, Patrick Augustine	1032 3d av., N. Y. C.	Ja 09
Dimmick, Frank Huse	Norwich, N. Y.	Ja 09
Dimon, Dennis S.	Candor, N. Y.	Ja 09
Dodge, Herbert Otterson	Plattsburg, N. Y.	D 08
Doring, Joseph Charles	119 Fifth av., Troy, N. Y.	D 08
Dorn, Lorenzo	Gloversville, N. Y.	D 08
Dort, Wallace W.	Belfast, N. Y.	Ap 09
Doty, Vern W.	532 Main st., Buffalo, N. Y.	Ja 09
Doudiet, Ernest A.	429 1st st., Brooklyn, N. Y.	Ap 09
Dower, Charles Herman	307 Dillage bldg., Syracuse, N. Y.	Ja 09
Downey, James J.	320 Fulton st., Brooklyn, N. Y.	Ap 09
Downs, Eli Orvil	15 Main st., Canisteo, N. Y.	Ja 09
Drake, John Ellery	Westside, Main st., Bolivar, N. Y.	Ja 09
Drakeford, James Haile	2112 Beverly road, Brooklyn, N. Y.	D 08
Dreher, August M.	209 E. 186th st., N. Y. C.	Ap 09
Dreher, Frederick	343 E. Fordham road, N. Y. C.	Ap 09
Dreschnack, Frank J.	Lyndhurst, N. J.	Ap 09
Dreyfus, Arthur David	85 5th av., Brooklyn, N. Y.	Je 09
Dubin, Davis	Centreville Station, N. Y., Box 131	Ja 09
Du Bois, Calvin	Walton, N. Y.	Ap 09
Du Bois, Josiah C.	Main st., Herkimer, N. Y.	Ap 09
Du Bois, Myron	Walton, N. Y.	Ap 09
Dumbolton, Columbus H.	Westons Mills, N. Y.	Ap 09
Duncan, William Edward	125 W. 42d st., N. Y. C.	Ap 09
Dunn, Andrew G.	Fort Plain, N. Y.	Ja 09
Durney, George O.	124 S. Salina st., Syracuse, N. Y.	Pl 09
Durrusel, George A.	35 Lake st., Owego, N. Y.	Ap 09
Dusenberry, D. Willis	14 North st., Middletown, N. Y.	Ap 09
Dusenberry, John F.	4 North st., Middletown, N. Y.	Ap 09
Dutcher, Dwight	Warwick, N. Y.	D 08
Dygart, Charles H.	184 Monroe av., Rochester, N. Y.	Ap 09
Eastman, Francis Albert	14 John st., N. Y. C.	Ap 09
Eastman, Sylvester	12 Maiden Lane, N. Y. C.	D 08
Ebenstein, Alfred	129 W. 125th st., N. Y. C.	Ap 09
Eckert, Henry J.	1529 Broadway, Watervliet, N. Y.	Ap 09
Eddy, Warren Bridgenson	219 De Kalb av., Brooklyn, N. Y.	Ja 09
Ehmann, William	316 Elk st., Buffalo, N. Y.	Je 09
Ehmann, William Frederick	316 Elk st., Buffalo, N. Y.	Je 09
Ehrlich, Frank	350 6th av., N. Y. C.	Ap 09
Ehrlich, George Washington	166 W. 129th st., N. Y. C.	Ap 09
Ehrlich, Henry	345 E. 139th st., N. Y. C.	Ja 09
Ehrlich, Henry H.	887 Longwood av., N. Y. C.	Ap 09
Ehrlich, Herman	217 Broadway, N. Y. C.	Ap 09
Ehrlich, Jacob	217 Broadway, N. Y. C.	Ap 09
Ehrlich, Louis	1274 Broadway, N. Y. C.	Ap 09
Ehrlich, William	223 6th av., N. Y. C.	Ap 09
Eising, Max	1322 3d av., N. Y. C.	Ja 09
Eisler, Jacob	621 E. 5th st., N. Y. C.	Ap 09
Eibe, Max Henry	105 Falls st., Niagara Falls, N. Y.	M 09
Eldredge, William H.	Leon, Cattaraugus co., N. Y.	Ja 09
Ellett, Joseph Henry	14 Tompkins st., Binghamton, N. Y.	Ja 09
Elliott, Almon B.	Chenango Forks, N. Y.	Ap 09
Elliott, David	251 Main st., Saugerties, N. Y.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Elliott, Frederick A.	Whitney's Point, N. Y.	Ap 09
Ellis, Ely	281 Livingston st., Brooklyn, N. Y.	D 08
Ellis, George H.	75 Cherry st., Geneva, N. Y.	D 08
Ellis, Ray	Hornell, N. Y.	Ap 09
Elmer, Frank Allen	610 Warren st., Hudson, N. Y.	D 08
Elston, Edwin Curtis	319 E. Water st., Elmira, N. Y.	D 08
Elting, Randolph D.	617 6th av., N. Y. C.	Ap 09
Emens, W. Jay	1 State st., Auburn, N. Y.	Ja 09
Emerson, John F.	14 Liberty st., Bath, N. Y.	Ja 09
Engel, J. Henry	Brockport, N. Y.	D 08
Enhaus, William H.	31 John st., N. Y. C.	Ap 09
Enquest, Charles Augustus	50 Arcade bldg., Utica, N. Y.	D 08
Epestein, Max	215 E. Broadway, N. Y. C.	Ap 09
Ernisse, James John	40 Main st. W., Rochester, N. Y.	Ap 09
Erway, Lee Walter	Alpine, Schuyler co., N. Y.	Ap 09
Esaac, Herman	194 Broadway, N. Y. C.	D 08
Eskin, Samuel B.	1709 Pitkin av., Brooklyn, N. Y.	Ap 09
Eskin, Solomon B.	1709 Pitkin av., Brooklyn, N. Y.	Ap 09
Essling, Reinhold August	Hicksville, L. I., N. Y., Box 336.	D 08
Evans, Charles Thomas	222-24 Columbia st., Utica, N. Y.	Ap 09
Evans, Henry James	50 N. Pearl st., Albany, N. Y.	D 08
Eveleigh, Olin B.	426 State st., Schenectady, N. Y.	Ja 09
Eydel, Bernhard	28 Jackson av., L. I. City, N. Y.	Ja 09
Fail, Robert Campbell	453 6th av., N. Y. C.	Ap 09
Failing, Gray Martin	515 Main st., Buffalo, N. Y.	Ja 09
Failing, Martin L.	516 Mass. av., Buffalo, N. Y.	Ja 09
Failing, Nelson	514 Fulton st., Brooklyn, N. Y.	Ap 09
Fairburn, John B.	317 Willow st., Syracuse, N. Y.	Ja 09
Fairchild, Irving Eugene	Johnstown, N. Y.	D 08
Fairchild, William W.	70 Nassau st., N. Y. C.	Ap 09
Fancher, Ward Irving	Glen Cove, N. Y.	Ja 09
Fanning, Maurice H.	Roxbury, N. Y.	Ja 09
Fare, William E.	1628 E. 12th st., Brooklyn, N. Y.	Ap 09
Farjeon, Jacques	6 Broadway, N. Y. C.	Ap 09
Farrand, William	Savannah, N. Y.	Ap 09
Fassett, Lillian A.	Palmyra, N. Y.	Ap 09
Fassett, Roy D.	69 Main st., Palmyra, N. Y.	Ja 09
Fauer, Samuel	182 Second av., N. Y. C.	Ap 09
Faulk, William T.	McDonough, N. Y.	Ap 09
Faulkner, Richard	727 Eighth av., N. Y. C.	Ap 09
Fay, Waldo Guy	123 Nassau st., N. Y. C.	D 08
Fayel, Amy D. (Mrs.)	Theresa, N. Y.	Ja 09
Feinbloom, Louis	1652 Pitkin av., Brooklyn, N. Y.	Je 09
Feingold, Benjamin	528 6th av., N. Y. C.	Ja 09
Feingold, Herman	290 Broadway, Brooklyn, N. Y.	Ap 09
Feldman, Jeanette	3d av. & 59th st., N. Y. C.	Ap 09
Fellman, Robert	City Opera House block, Watertown, N. Y.	Ja 09
Felshaw, Nelson B.	Boonville, N. Y.	Ja 09
Felson, Arthur M.	409 State st., Schenectady, N. Y.	M 09
Ferguson, Louis Leonard	170 Broadway, Manhattan Borough, N. Y.	Ja 09
Fersko, Max Samuel	1888 3d av., N. Y. C.	Ap 09
Fessenden, Florence Eva	Sag Harbor, N. Y.	D 08
Field, Frank A.	102 Court st., Brooklyn, N. Y.	Ap 09
Finberg, Michael	219 Nepperhan av., Yonkers, N. Y.	Ap 09
Finch, George D.	E. Pembroke, N. Y.	Ja 09
Fink, Irene	109 Broad st., Stapleton, N. Y.	Ap 09
Finkelstein, Leon	858 Grape st., Syracuse, N. Y.	D 08
Finkelstein, Max	600 E. Adams st., Syracuse, N. Y.	Ja 09
Finn, Albert G. jr.	384 Monroe block, Syracuse, N. Y.	D 08
Fischel, Daniel C.	2 George st., Green Island, N. Y.	D 08
Fischer, Henry	10 W. 29th st., N. Y. C.	Je 09
Fish, Glenn Russell	482 Washington st., Buffalo, N. Y.	Ja 09
Fisher, Frank J.	Whitehall, N. Y.	D 08
Fisher, Hosea D.	7 W. Bridge st., Oswego, N. Y.	D 08
Fisher, Theodore M.	3 South st., Auburn, N. Y.	Ap 09
Fisher, Willard Berling	Mt Kisco, N. Y.	Ap 09
Fisk, Nelson Thomas	Brasher Falls, N. Y.	D 08
Flad, George J.	Hicksville, N. Y.	D 08
Fleisher, David L.	51 Joiner st., Rochester, N. Y.	Ja 09
Fletcher, Gilbert William	50 Castle st., Geneva, N. Y.	Ja 09
Schroon Lake, N. Y.	Schroon Lake, N. Y.	Ja 09
Flynn, John N.	27 Jackson av., L. I. City, N. Y.	Ap 09
Flynn, Robert E.	Clyde, N. Y.	D 08
Fogarty, William	27 Thompson st., Port Jervis, N. Y.	Ja 09
Foley, William Edward	491 18th st., Brooklyn, N. Y.	Ap 09
Folgerman, Abraham	56 S. Chase av., Rockaway Beach, L. I.	Je 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Follett, Louis J.	28 Lake av., Saratoga, N. Y.	D 08
Folts, Richard Spellman	Geneseo, N. Y.	D 08
Ford, Walter Arthur	26 Main st., Cortland, N. Y.	Ja 09
Forrest, Robert	342 Grant st., Buffalo, N. Y.	Ja 09
Forth, Arthur	358 Fulton st., Brooklyn, N. Y.	D 08
Fowler, Clinton George	Canastota, N. Y.	Ap 09
Fowler, George L.	Tarrytown, N. Y.	Ap 09
Fowler, Harvey Acker Lamberson	93 Main st., Flushing, L. I., N. Y.	D 08
Fox, Edward Brown	44 W. 30th st., N. Y. C.	Ap 09
Fox, George Randal	618 Main st., Buffalo, N. Y.	D 08
Fox, Herbert Lee	53 E. 3d st., cor. Park av., Dunkirk, N. Y.	Ap 09
Frank, Arthur	71 Nassau st., N. Y. C.	Ja 09
Frankel, Abram M.	391-93 6th av., N. Y. C.	Ja 09
Franklin, Charles Benjamin	278 River st., Troy, N. Y.	D 08
Free, Albert Johnston	17 W. 28th st., N. Y. C.	M 09
Freed, Abraham L.	115 W. 129th st., N. Y. C.	D 08
Freed, Katique P.	115 W. 129th st., N. Y. C.	Ap 09
Froedlander, Israel	205 Glenwood av., Buffalo, N. Y.	Ap 09
Freeman, John Gindrat	23 S. 7th av., Mt Vernon, N. Y.	Ja 09
Freeman, Morris	611 Grand st., Brooklyn, N. Y.	Ap 09
Freiman, Jacob	701 Grand st., Brooklyn, N. Y.	Ja 09
French, Francis M.	Homer, N. Y.	D 08
Frenier, William F.	River & Fulton st., Troy, N. Y.	Ja 09
Frick, Otto H. W.	21 Florence av., Buffalo, N. Y.	Ja 09
Fricke, George E.	170 Broadway, N. Y. C., care C. W. Little.	Ja 09
Friedlander, Joseph	8 Maiden Lane, N. Y. C.	Ja 09
Friedlander, Louis	36 John st., N. Y. C.	Ap 09
Friedman, Abraham	533 Myrtle av., Brooklyn, N. Y.	D 08
Friedman, Benzel	152 W. 143d st., N. Y. C.	Ap 09
Friedman, Harry	1798 3d av., N. Y. C.	Ap 09
Friedman, Norman	547 Lenox av., N. Y. C.	Ap 09
Friedman, Samuel	47 Mortimer st., Buffalo, N. Y.	Je 09
Friedner, Louis	1632 First av., N. Y. C.	Je 09
Frisch, Gustav A. W.	443 Genesee st., Buffalo, N. Y.	Ja 09
Fritts, Calvin E.	Sag Harbor, N. Y.	D 08
Fry, William Hunt	Kinderhook, N. Y.	Ap 09
Fuller, Charles Jesper	Phoenix, N. Y.	Ja 09
Fuller, Charles T.	143 N. Union st., Olean, N. Y.	Ja 09
Fuller, Chester H.	Marcellus, N. Y.	D 08
Fuller, Henry S.	321 Kirk block, Syracuse, N. Y.	D 08
Fuller, William H.	Silver Creek, N. Y.	Ap 09
Fyfe, George	32 W. Merrick road, Freeport, L. I.	Ja 09
Gainor, Edward P.	352 River st., Troy, N. Y.	Ja 09
Gale, William Richard	N Collins, N. Y.	Ja 09
Galusha, Morris Louis	Scottsville, N. Y.	Ja 09
Ganapol, Isaac	2668 3d av., N. Y. C.	Ap 09
Gardner, Erving Warren	Coxsackie, N. Y.	Ja 09
Gardner, Gibbie B.	Coxsackie, N. Y.	Ja 09
Gardner, Thomas Henry	312 Fulton st., Brooklyn, N. Y.	Ap 09
Garfinkel, Morris S.	1651 Broadway, Brooklyn, N. Y.	Ap 09
Garfinkel, Samuel M.	1651 Broadway, Brooklyn, N. Y.	Ap 09
Gasser, Timothy B.	Copenhagen, Lewis co., N. Y.	Ja 09
Gaune, Harry Day	412 N. Second st., Elmira, N. Y.	D 08
Geiger, William	212 6th av., N. Y. C., care G. Hirschfield.	Ap 09
Geist, Charles	764 Columbus av., N. Y. C.	Ja 09
Georgen, Vances Mead	36 E. 23d st., N. Y. C.	D 08
Georgen, William Theodore	36 E. 23d st., N. Y. C.	Ap 09
Gerhard, Frederick H.	134 Fulton av., Rochester, N. Y.	D 08
Ghiggeri, Victor B.	235 E. 115th st., N. Y. C.	Ap 09
Gibson, Charles David Page	90 Nassau st., N. Y. C.	Ap 09
Gibson, George T. A.	522 Main st., Buffalo, N. Y.	Ja 09
Gibson, James G.	849 Genesee st., Buffalo, N. Y.	Ja 09
Gibson, Robert Hamilton	418 Pearl st., N. Y. C.	Ap 09
Giering, Charles Jacob	7 North st., Middletown, N. Y.	D 08
Gies, Henry John	1050 Greene av., Brooklyn, N. Y.	D 08
Gilbert, Abner W.	99 Main st., Canandaigua, N. Y.	Ja 09
Gilbert, Edward John	Fultonville, N. Y.	Ap 09
Gilbert, Wilbur H.	13th & Congress st., Troy, N. Y.	Ja 09
Gillis, Nathan	920 Bedford av., Brooklyn, N. Y.	D 08
Gillis, Pauline	920 Bedford av., Brooklyn, N. Y.	Ap 09
Ginsburg, Morris	146 Clinton st., N. Y. C.	Ap 09
Gleason, Charles H.	28 State st., Auburn, N. Y.	Ap 09
Glines, William Harrison, jr.	54 E. 59th st., N. Y. C.	Ap 09
Godfrey, David Stearns	69 Groton av., Cortland, N. Y.	Ja 09
Goff, John Baker	Tupper Lake, N. Y.	Ap 09
Goldbacher, Ernest	108 E. 23d st., N. Y. C.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908—
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 ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Goldbacker, Edward	98 Fulton st., N. Y. C.	Ja 09
Goldblum, Frank	2144 3d av., N. Y. C.	Ja 09
Goldbus, Hyman	924 Grape st., Syracuse, N. Y.	Ja 09
Goider, Adelbert Grant	127 S. Salina st., Syracuse, N. Y.	Ja 09
Golder, Albert William	Seneca Falls, N. Y.	D 08
Golding, Ephraim Percy	Montour Falls, N. Y.	D 08
Goldschmidt, David	472 3d av., N. Y. C.	Ap 09
Goldstein, Jacob	333 E. 66th st., N. Y. C.	Ap 09
Goldstone, Barnett	428 Grand st., N. Y. C.	Ap 09
Goldstone, Hyman	914 S. State st., Syracuse, N. Y.	D 08
Goldwasser, Philip M.	65 St. Mark's pl., N. Y. C.	D 08
Gomph, Charles P.	140 Genesee st., Utica, N. Y.	Ja 09
Goodman, Milton	110 Cornwall bldg., Rochester, N. Y.	D 08
Goodman, Samuel	100 Grand st., Albany, N. Y.	D 08
Goodnough, Ross E.	105 Main st., Gouverneur, N. Y.	Ja 09
Gordon, Caleb R.	Marlboro, N. Y.	Ap 09
Gordon, Hyman	95 Railroad av., White Plains, N. Y.	Ap 09
Gordon, Isaac	864 Columbus av., N. Y. C.	Ap 09
Gorham, William B.	Camillus, N. Y.	D 08
Gorrie, Robert H.	Newburgh, N. Y.	Ap 09
Gorton, Charles H.	Gloversville, N. Y.	D 08
Gorton, Morris H.	40 Main st., Leroy, N. Y.	Ja 09
Gosper, Chauncey Ward	81 Court st., Binghamton, N. Y.	D 08
Gotthold, Louis	2345 8th av., N. Y. C.	Ap 09
Gottlieb, Henrietta	3870 White Plains av., Williamsbridge, N. Y.	Ap 09
Gottlieb, Louis	378 Main st., Buffalo, N. Y.	Ap 09
Gougelman, Paul Reina	163 W. 97th st., N. Y. C.	Ap 09
Gouse, William F.	503 Hamilton st., Albany, N. Y.	D 08
Grady, Edward Thomas	242 E. 26th st., N. Y. C.	M 09
Græber, William E.	2115 Seneca st., Buffalo, N. Y.	Ap 09
Graff, Philip William	26 Canal st., Lyons, N. Y.	Ap 09
Grathwol, Leopold Charles	139 Fifth av., Troy, N. Y.	D 08
Graves, Charles Lytle	Rensselaer Falls, N. Y.	D 08
Graves, Colonel P.	Nassau, N. Y.	Ap 09
Graves, Herbert F.	Parish, N. Y.	Ap 09
Graves, Milo A.	Main st., Mexico, N. Y.	Je 09
Gray, Almon James	455 Main st., Buffalo, N. Y.	Ja 09
Gray, Herbert Lee	S. New Berlin, N. Y.	Ap 09
Gray, Hobart Henry, jr.	70 Milton st., Geneva, N. Y.	D 08
Gray, Hobart Henry, sr.	Carrollton House, Geneva, N. Y.	Ap 09
Greaves, Julia Annie	1107 Bedford av., Brooklyn, N. Y.	Ap 09
Greenberg, Philip	342 7th av., Brooklyn, N. Y.	Ap 09
Greene, Martin	35 N. Main st., Port Chester, N. Y.	M 09
Greenland, Arvid	45 Railroad av., White Plains, N. Y.	Ap 09
Greenland, William Bert	32 E. Main st., Amsterdam, N. Y.	Ja 09
Greenman, Henry	Richfield Springs, N. Y.	Ap 09
Grieff, Joseph	115 W. 143d st., N. Y. C.	Ap 09
Gribben, Walter	114 Halsey st., Brooklyn, N. Y.	D 08
Griebner, Charles Andrew	Grand Court, Ellicott sq., Buffalo, N. Y., care C. A. Schopp	Ja 09
Griffin, George A.	430 3d st., Brooklyn, N. Y.	Ap 09
Griswold, Joel Wellington	Avoca, N. Y.	Ap 09
Griswold, John Robie	Bath, N. Y.	Ja 09
Groat, Adelbert D.	39 Post st., Rochester, N. Y.	Ja 09
Grohe, Frederick William	530 W. 178th st., N. Y. C.	D 08
Gros, Charles Henry	8 W. Main st., Cuba, N. Y.	Ja 09
Gross, Adolph	1327 Hancock st., Brooklyn, N. Y.	Ap 09
Grossman, David	343 3d av., N. Y. C.	Ap 09
Grossman, David Leonard	259 Stockton st., Brooklyn, N. Y.	M 09
Grossman, Heiman S.	12 Belvidere st., Brooklyn, N. Y.	M 09
Grubman, Joseph D.	1623 East Park, Brooklyn, N. Y.	Ap 09
Gurney, B. Egbert	Newburgh, N. Y.	D 08
Gustin, William H.	42 State st., Albion, N. Y.	Ja 09
Gutowitz, Morris	Amityville, N. Y.	D 08
Guttentag, Nathan	214 W. 140th st., N. Y. C.	Ap 09
Guy, Walton B.	Saratoga Springs, N. Y.	D 08
Guyott, Leziam Frederick	Malone, N. Y.	Ja 09
Hadacek, Frank William	13 W. 42d st., N. Y. C.	Ap 09
Hahn, Anna Meta	413 Sterling pl., Brooklyn, N. Y.	Ja 09
Hahn, George Henry	26 E. 23d st., N. Y. C.	Ap 09
Hahn, John W.	26 E. 23d st., N. Y. C.	Ap 09
Hahnemann Gustav F.	23 William st., Buffalo, N. Y.	Ap 09
Hall, Charles Kasson	54 Tweddle bldg., Albany, N. Y.	D 08
Hall, Edwin Kirk	47 Main st., Gouverneur, N. Y.	Ja 09
Hall, Franklin G.	116 Arsenal st., Watertown, N. Y.	D 08
Hall, Jesse W.	51 Albany st., Cazenovia, N. Y.	Je 09
Hall, John Matthew	Liberty, N. Y.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Hallenbeck, Prentiss W.	Catskill, N. Y.	D 08
Halliwell, George William	290 Main st., Poughkeepsie, N. Y.	Ja 09
Halon, Jacob	101 Attorney st., N. Y. C.	Ja 09
Halpern, Maria	313 W. 44th st., N. Y. C.	Ap 09
Halsey, Joseph	303 Halsey st., Brooklyn, N. Y.	Ap 09
Hamburger, Benjamin	62 E. 125th st., N. Y. C.	Ap 09
Hamburger, Jacob	480 Tremont av., N. Y. C.	Ap 09
Hamilton, George W.	Upper Jay, N. Y.	Ap 09
Hamilton, John W.	Main st., Stillwater, N. Y.	Ap 09
Hammond, Fred C.	Hannibal, N. Y.	Ap 09
Hammond, Harlow K.	54 Seneca st., Buffalo, N. Y.	M 09
Hammond, Wilber F.	8 E. Front st., Greenport, N. Y.	Ja 09
Hammond, Willard H.	86 Remsen st., Cohoes, N. Y.	Ap 09
Hammond, William Henry	86 Main st., Lockport, N. Y.	Ja 09
Hampton, Joseph Wade	26 N. Broadway, Yonkers, N. Y.	D 08
Hampton, Samuel Farley	26 N. Broadway, Yonkers, N. Y.	Ja 09
Hanauer, Isaac	271 Millburn st., Rochester, N. Y.	Ja 09
Hanauer, Perry	Singer bldg., 149 Broadway, N. Y. C., Room 203.	Ja 09
Hancock, N. Rawlings	225 Chenango st., Binghamton, N. Y.	Je 09
Handel, Charles	230 Niagara st., Buffalo, N. Y.	D 08
Handvill, Mansfield	18 E. 23d st., N. Y. C.	Ap 09
Handy, Ellery A.	88 State st., Rochester, N. Y.	D 08
Hansen, Cora May	276 Carolina st., Buffalo, N. Y.	D 08
Hansen, Ingrid Swain	297 Court st., Brooklyn, N. Y.	Ap 09
Hansen, Julius	276 Carolina st., Buffalo, N. Y.	D 08
Hanstetter, Albert	6 E. 42d st., N. Y. C.	D 08
Hanvey, Charles Austin	103 W. 3d st., Jamestown, N. Y.	Ja 09
Harding, Selden L.	65 Main st., Camden, N. Y.	Ja 09
Hardy, George Guerdon	257 Main st., New Rochelle, N. Y.	Je 09
Harnash, Harry	379 Grand st., N. Y. C.	Je 09
Harned, Sophia Peters	533 A Macon st., Brooklyn, N. Y.	Ap 09
Harper, James Erksine	Delhi, N. Y.	D 08
Harrington, Arthur A.	180 Clinton av., Albany, N. Y.	D 08
Harrington, Eben L.	Glens Falls, N. Y.	D 08
Harrington, James H.	Corning, N. Y.	Ap 09
Harrington, Lawrence A.	Glens Falls, N. Y.	Je 09
Harrington, Leroy J.	6 Webster pl., Binghamton, N. Y.	Ap 09
Harrington, Orr A.	Northville, N. Y.	Ap 09
Harris, Abraham	146 Renwick pl., Syracuse, N. Y.	D 08
Harris, Carl L.	Brocton, N. Y.	Ap 09
Harris, David P.	West Chazy, N. Y.	Ap 09
Harris, George Washington	Earlville, N. Y.	Ap 09
Harris, Julius M.	Olean, N. Y.	Ap 09
Harris, Moses Hiram	54 E. 23d st., N. Y. C.	Ap 09
Harris, Robert Dimond	157 W. 3d st., Mt. Vernon, N. Y.	Ja 09
Harrison, Morris	101 Avenue B, N. Y. C.	M 09
Hartinger, Edward Theodore	143 Fulton st., N. Y. C.	Ja 09
Hartman, Christian Henry	424 Main st., Delhi, N. Y., care Harper's Jewelry Store	Ap 09
Hartmann, Walter E.	1308 Herkimer st., Brooklyn, N. Y.	Ap 09
Hartnett, William J.	244 W. 148th st., N. Y. C.	M 09
Haskins, Charles L.	Saratoga Springs, N. Y.	Ap 09
Haskins, Charles Phelps	12 Grove pl., Schenectady, N. Y.	Ja 09
Hauf, George V.	153 Main st., Ossining, N. Y.	Ja 09
Hauson, Fred Eugene	2633 8th av., N. Y. C.	Ap 09
Hauson, Jay	Horshheads, N. Y.	Ap 09
Hausler, Charles Frederick	103 W. 103d st., N. Y. C.	Ap 09
Hawes, William Warren	Clayton, Jefferson co., N. Y.	Ja 09
Hawkins, Charles S.	Perry, N. Y.	D 08
Hawthorne, John Schoelch	The Wilton, cor Tremont & Anthony av., Bronx, N. Y. C.	Ap 09
Haydn, Ernst Robert	Groton, N. Y.	Ap 09
Hayes, Patrick	125 Glen st., Glens Falls, N. Y.	Ap 09
Haynes, Charles King	31 Wellman bldg., Jamestown, N. Y.	Ja 09
Haynes, James Henry Brumfield	203 Public sq., Watertown, N. Y.	D 08
Haynes, William Irving	Herkimer, N. Y.	D 08
Hays, Arthur	Schoharie, N. Y.	D 08
Haywood, Charles Eugene	Potsdam, N. Y.	D 08
Heath, Henry A.	59 N. 11th st., Newark, N. J.	D 08
Heaton, Edward Lorenzo	Canton, N. Y.	Ja 09
Heaton, Frank C.	Canton, N. Y.	Ja 09
Heisinger, William F.	1009 Broadway, Brooklyn, N. Y.	D 08
Heisinger, William F. jr.	1009 Broadway, Brooklyn, N. Y.	D 08
Helmers, Peter G.	123 Nassau st., N. Y. C.	M 09
Henderson, George Lewis	1523 Surf av., Coney Island, N. Y.	Ap 09
Henschel, Ralph	71 E. 96th st., N. Y. C.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908—July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Henwood, Richard Lowell	145 Court st., Binghamton, N. Y.	D 08
Hepburn, William Pettit	104 E. 23d st., N. Y. C.	Ap 09
Herbert, Felix Louis	Chatham, N. Y., Box 65	Ap 09
Hermann, John	1223 Simpson st., N. Y. C.	Jl 09
Hermansen, Gustave	99 N. Pearl st., Albany, N. Y.	Ja 09
Herrick, Fred Eugene	Candor, N. Y.	D 08
Herrmann, Abraham	510 W. 126th st., N. Y. C.	Ap 09
Hesse, John Philip	160 Smith st., Brooklyn, N. Y.	Ap 09
Hettinger, John William	319 E. 151st st., N. Y. C.	Ap 09
Heyer, Jessie Boyd	222 W. 116th st., N. Y. C.	Ap 09
Heyer, Oscar	222 W. 116th st., N. Y. C.	Ap 09
Hibbard, Charles B.	Pulaski, N. Y.	D 08
Hicks, John James	3872 3d av., N. Y. C.	M 09
Higbee, Charles Harvey	Tottenville, N. Y.	D 08
Hilkins, Elmer Lee	26 Broad st., Watertown, N. Y.	Ja 09
Hill, Caryl Clyde	214 Franklin st., Buffalo, N. Y.	D 08
Hill, Franklin E.	104 E. 23d st., N. Y. C.	Ap 09
Hill, John Francis	760 Eighth av., N. Y. C.	D 08
Hill, Joseph A.	Catskill, N. Y.	D 08
Hill, Mark W.	Little Valley, N. Y.	Ap 09
Hiller, Annette I.	50 2d av., N. Y. C.	Ja 09
Hiller, Charles	50 2d av., N. Y. C.	D 08
Hiller, Edward	50 2d av., N. Y. C.	Ap 09
Hiller, Myron	255 W. 42d st., N. Y. C.	D 08
Hillick, William P.	Fulton, N. Y.	D 08
Hills, William Henry	Canisteo, N. Y.	D 08
Hinman, William J.	42 Main st., Oneida, N. Y.	D 08
Hirschberg, Adolph	28 W. 125th st., N. Y. C.	D 08
Hirschfeld, Edward H.	212 Sixth av., N. Y. C.	D 08
Hiserd, Philip Benjamin	Hoosick Falls, N. Y.	Ap 09
Hitz, William	Harmony Hall, Room 4, 3d st., Troy, N. Y.	Ap 09
Hoag, Walter Percy	126 Lexington av., N. Y. C.	Ap 09
Hoagland, John Spencer	606 Bramhall av., Jersey City, N. J.	Ap 09
Hobbs, William Henry	375 Bird av., Buffalo, N. Y.	Ap 09
Hodes, Morris	711 7th av., N. Y. C.	Ja 09
Hoerz, Carl	Little Falls, N. Y.	D 08
Hoerz, Eugene	Central block, Main st., Dolgeville, N. Y.	Ja 09
Hoffa, Frederick	58 W. 129th st., N. Y. C.	Ap 09
Hoffman, Morris	338 Van Brunt st., Brooklyn, N. Y.	Je 09
Hoffman, Augustus Lewis	Lyons, N. Y.	Ap 09
Hoffman, Samuel E.	5615-17 3d av., Brooklyn, N. Y.	Ap 09
Hoffman, Stephen R.	1431 Broadway, Brooklyn, N. Y.	Ap 09
Hogan, John J.	59 South st., Middletown, N. Y.	Ap 09
Hogan, John Joseph	365 6th av., N. Y. C.	Ap 09
Hohl, William Arthur	341 E. 86th st., N. Y. C.	D 08
Holden, James	216 Montgomery st., Syracuse, N. Y.	D 08
Holler, Henry J.	150 Broadway, Brooklyn, N. Y.	Ap 09
Holley, Howard Louis	7 Birch av., Glens Falls, N. Y.	Ap 09
Holly, John L.	122 Penn. av., Elmira, N. Y.	D 08
Holmes, Archibald M.	17 Flatbush av., Brooklyn, N. Y.	Je 09
Holmes, George Ervin	48 North st., Middletown, N. Y.	Ap 09
Holmes, Richard C.	Main st., Gowanda, N. Y.	M 09
Holthausen, Frederick	888 Manhattan av., N. Y. C.	Ap 09
Hommel, Edward	704 McBride st., Syracuse, N. Y.	D 08
Hönig, Joseph	404 S. Salina st., Syracuse, N. Y.	D 08
Hood, Archer Leslie	116 E. 23d st., N. Y. C.	Ap 09
Hopkins, Bert Stewart	114 Main st., Penn Yan, N. Y.	D 08
Hopkins, Edward H.	Penn Yan, N. Y.	D 08
Hopkins, Isaac Newton	362 Hoffman st., Elmira, N. Y.	D 08
Hoppe, William J.	471 E. 138th st., N. Y. C.	Ap 09
Horn, Morris H.	53 Tompkins av., Brooklyn, N. Y.	Ap 09
Hornbeck, Cornelius Frederick	Cortland, N. Y.	D 08
Horton, James A.	307 Court st., Watertown, N. Y.	D 08
Hotaling, Elmer Edward	38 E. 23d st., N. Y. C.	D 08
Howard, Willard Ernest	Philmont, N. Y.	Ap 09
Hoyt, Arthur Theron	Moravia, N. Y.	Ja 09
Hubbard, William Arthur	50 Main st., Leroy, N. Y.	Ja 09
Hubbs, George W.	Dexter, N. Y.	Ja 09
Hübel, John Joseph	1354 Avenue A, N. Y. C.	Ap 09
Huber, Emile	377 Bleecker st., N. Y. C.	Ja 09
Huberman, Joseph	368 Grand st., N. Y. C.	Ap 09
Hufnagel, Edward Henry	54 S. 4th av., Mt Vernon, N. Y.	Ap 09
Hughes, Charles F.	59 Court st., Brooklyn, N. Y.	D 08
Hulett, Harvey R.	Ticonderoga, N. Y.	Ap 09
Hull, Frederick Ernest	Saranac Lake, N. Y.	D 08
Hull, Nelson Young	200 Broadway, N. Y. C.	D 08

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Humphrey, Charles B.	Bainbridge, N. Y.	D 08
Hurd, Albert Clark	144 Sixth av., Troy, N. Y.	Ap 09
Hurwitz, Esther R.	830 Broadway, Brooklyn, N. Y.	Ap 09
Hurwitz, Samuel	830 Broadway, Brooklyn, N. Y.	D 08
Hurwitz, Samuel Abraham	42 Delancey st., N. Y. C.	M 09
Hussey, Clark Sylvanus	S. Dayton, N. Y.	Ap 09
Hutchinson, George Winfield	403 E. 3d st., Brooklyn, N. Y.	Ja 09
Hutchinson, William H.	25 Lake st., Owego, N. Y.	Ap 09
Hyde, Phillip S.	Care Gouverneur Dental Parlor, 274 Henry st., N. Y. C.	Ap 09
Hyman, Samuel G.	509 Kosciusko st., Brooklyn, N. Y.	Ap 09
Hynes, Frank P.	178 E. 95th st., N. Y. C.	Ap 09
Ide, Charles H.	Seneca st., Dundee, N. Y.	Ja 09
Ingraham, Fred R.	Main st., Holcomb, N. Y.	Ja 09
Ives, Franklin J.	159 Main st., Oneonta, N. Y.	Ja 09
Iverson, William	111 Railroad av., White Plains, N. Y.	Ja 09
Jackle, Oscar C.	866 3d av., N. Y. C.	M 09
Jackson, Emanuel	58 E. 96th st., N. Y. C.	Ap 09
Jackson, Frank Dickens	859 Pacific st., Brooklyn, N. Y.	D 08
Jackson, Walter A.	604 New Jersey av., Brooklyn, N. Y.	Ap 09
Jacoby, Arthur Julius	175 6th av., N. Y. C.	Ja 09
Jacoby, Jacob	175 6th av., N. Y. C.	Ja 09
Jacoby, Morris	76 Nassau st., N. Y. C.	Ja 09
Jacques, Jacob	163 E. Broadway, N. Y. C.	Ja 09
Jaffe, Jacob	31 W. 118th st., N. Y. C.	Ja 09
Jarvis, John Wilson	214 Franklin st., Buffalo, N. Y.	D 08
Jaynes, Fred G.	510 Main st., Buffalo, N. Y.	Ja 09
Jeffrey, Robert J.	Allegheny, N. Y.	Ap 09
Jenkins, Charles L.	Greenfield Centre, N. Y.	Ap 09
Johnquest, Rudolph N.	111 Railroad av., White Plains, N. Y.	M 09
Johnson, Lee H.	4 Paddock block, Watertown, N. Y.	Ap 09
Johnson, William A.	523 W. 135th st., N. Y. C.	D 08
Johnston, Charles Ray	Dresden, N. Y.	D 08
Jones, Arthur Ebenezer	126 Genesee st., Utica, N. Y.	Ap 09
Jones, C. Clark	4 La Fayette st., Utica, N. Y.	Ap 09
Jones, Edward W.	Waterford, N. Y., Box 204	Ja 09
Jones, Frank De Forest	Saratoga Springs, N. Y.	Ap 09
Jones, Seth Carlos	18 Jefferson Co. Savings Bank bldg., Watertown, N. Y.	D 08
Jones, Willard S.	17 North st., Middletown, N. Y.	Ja 09
Jordan, Fred A.	101 E. Water st., Elmira, N. Y.	Ja 09
Jorgenson, William Griffin	2263 Broadway, N. Y. C.	Ap 09
Joseph Isaac	533 W. Warren st., Hudson, N. Y.	D 08
Joseph, Joseph Julius	218 W. 146th st., N. Y. C.	Ap 09
Jospe, David	Far Rockaway, N. Y. C.	Ap 09
Jospe, Theodore	Glencove, N. Y.	Il 09
Joy, John	Norfolk, St Lawrence co., N. Y.	Je 09
Judkins, John Stanton	1392 Bedford av., Brooklyn, N. Y.	Ap 09
Judson, John Burton	Unadilla, N. Y.	Ap 09
Juvet, Louis Paul	1 Bay st., Glens Falls, N. Y.	Ja 09
Kahn, Adolph E.	194 Broadway, N. Y. C.	D 08
Kahn, George H.	153 W. 80th st., N. Y. C.	D 08
Kaiser, Philipp Herman	706 Halsey st., Brooklyn, N. Y.	D 08
Kaliaki, David	47 Maiden Lane, N. Y. C.	M 09
Kamp, Albert	Ossining, N. Y.	D 08
Kanné, Herman	167 St Nicholas av., N. Y. C.	Ja 09
Kaplan, David	16 S. Main st., Port Chester, N. Y.	Ap 09
Karner, Luther S.	Stottsville, N. Y., Box 161	D 08
Karsh, Frederick W.	641 8th av., N. Y. C.	Ja 09
Kartevold, Theodor	61 Hamilton av., Brooklyn, N. Y.	Ap 09
Kaufman, Samuel	Chatham, N. Y.	Ap 09
Kaufmann, Max W.	1646 42d st., Brooklyn, N. Y.	Ap 09
Kaupmann, Henry	436 E. 138th st., N. Y. C.	Ap 09
Kay, Henry Levi	North Chatham, N. Y.	Je 09
Kay, James W.	617 6th av., N. Y. C.	Ap 09
Keast, John Alfred William	263 State st., Schenectady, N. Y.	D 08
Keener, Oscar Charles	214 Franklin st., Buffalo, N. Y., care J. W. Jarvis	Ja 09
Keiper, Benjamin Hampton	2963 Fulton st., Brooklyn, N. Y.	D 08
Kelley, Margaret Elizabeth	117 Bleecker st., Utica, N. Y.	Ja 09
Kellogg, Frank S.	Adams Centre, N. Y.	D 08
Kellogg, Frederic Julien	Alexandria Bay, N. Y.	D 08
Kellogg, William T.	522 W. State st., Ithaca, N. Y.	D 08
Kelly, Harry Joseph	522 W. 143d st., N. Y. C.	Ja 09
Kelsey, Albert W.	Franklinville, N. Y.	Je 09
Kelsey, Franklin Daniel	648 Main st., East Aurora, N. Y.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Kempf, Frederick	104 Euclid av., Brooklyn, N. Y.	Ap 09
Kenney, Arthur Marcus	232 Genesee st., Utica, N. Y.	D 08
Kenney, Everett Dudley	232 Genesee st., Utica, N. Y.	Ja 09
Kenney, Manley Corwin	200 E. State st., Ithaca, N. Y.	Je 09
Kenney, Marcus Eudorus	232 Genesee st., Utica, N. Y.	Ja 09
Kenny, John Joseph	1107 Bedford av., Brooklyn, N. Y.	Ap 09
Kent, Harry Franklin	114 Court st., Binghamton, N. Y.	Ap 09
Kern, August	95 Weddalle way, Rochester, N. Y.	Ja 09
Kerner, Jacob A.	1474 Washington av., N. Y. C.	Je 09
Kernochan, Frank D.	17 North st., Middletown, N. Y.	Ap 09
Kerr, William J.	110 Chenango st., Buffalo, N. Y.	M 09
Kettler, William Harry	54 W. 125th st., N. Y. C.	Ap 09
Kiefer, Frank	2001 Fulton st., Brooklyn, N. Y.	Ap 09
Kilburn, Charles Harvey	104 E. 3d st., Jamestown, N. Y.	Ja 09
Kindler, Leo William	42 Herald st., Rochester, N. Y.	D 08
King, Frank L.	45 E. 3d st., Dunkirk, N. Y.	Ap 09
King, Fred J.	507 Orange st., Syracuse, N. Y.	D 08
King, Roy H.	448 Main st., Buffalo, N. Y.	Ja 09
Kinner, Lucius Legrand	Wayland, N. Y.	Ap 09
Kinsley, Arthur George	1723 74th st., Brooklyn, N. Y.	D 08
Kipnis, Alexander	320 Bleecker st., N. Y. C.	Je 09
Kirschner, Charles	425 E. 83d st., N. Y. C.	Ap 09
Kitchell, George Carleton	Rockville Centre, Long Island, N. Y.	Ap 09
Kitchell, William Lounsberry	324 Front st., Hempstead, N. Y.	Ap 09
Kitchen, Edwin K.	Waverly, N. Y.	D 08
Kleiger, Morris	Parkville, Sullivan co., N. Y., Box 3	Ap 09
Klein, Elizabeth	6th av. & 23d st., N. Y. C., care Ehrlich Bros.	Ap 09
Klein, Joseph	1167 Broadway, N. Y. C.	Ja 09
Kleiner, John C.	319 Hamburg av., Brooklyn, N. Y.	Ap 09
Klingfield, Morris Bertain	222 E. 103d st., N. Y. C.	Ap 09
Kleysteuber, Carl J. H.	4705 3d av., Brooklyn, N. Y.	Jl 09
Klingbeil, Fred	75 Water st., Newburgh, N. Y.	Ap 09
Klingbeil, Walter Irving	783 Sterling pl., Brooklyn, N. Y.	Ap 09
Kloeber, Edward Fred	1234 Simpson st., Bronx, N. Y. C.	Ap 09
Knapp, Clifford S.	40 W. 125th st., N. Y. C.	D 08
Knauber, Henry A.	21 Bond st., Brooklyn, N. Y.	Jl 09
Knoop, Theodora	97 Remsen st., Cohoes, N. Y.	Ap 09
Knoop, William	301 Rockaway av., Brooklyn, N. Y.	Ap 09
Knowles, May Frost	200 Claremont av., N. Y. C.	M 09
Knudson, William	132 E. 34th st., N. Y. C.	D 08
Koch, George William	Woodhaven, Long Island, N. Y., Box 12	Jl 09
Kocher, John Henry	Jeffersonville, N. Y.	Ap 09
Koetsch, Ernest A.	50 Webster st., N. Tonawanda, N. Y.	Ap 09
Konzelmann, Conrad	1348 Myrtle av., Brooklyn, N. Y.	Ap 09
Konzelmann, Ernest Fred, jr.	1348 Myrtle av., Brooklyn, N. Y.	Ap 09
Konzelmann, John	1348 Myrtle av., Brooklyn, N. Y.	Ap 09
Koontz, William	2088 3d av., N. Y. C.	Ap 09
Kornblueth, Sigmund	64 McKibben st., Brooklyn, N. Y.	D 08
Kornfeld, Edward I.	110 E. 23d st., N. Y. C.	Je 09
Kostenbader, Earl W.	Groton, N. Y.	Ap 09
Kowal, Wojciech Bernard	24 Lake st., Dunkirk, N. Y.	M 09
Kraft, Charles C.	112 W. 31st st., N. Y. C.	Ap 09
Kraft, Fred	50 Church st., N. Y. C.	Ap 09
Kramer, Leon H.	379 Grand st., N. Y. C.	Ap 09
Kramer, Sadie	379 Grand st., N. Y. C.	Ja 09
Kreuter, Ferdinand	39 W. 42d st., N. Y. C.	Ap 09
Kreuter, Henry	110 E. 23d st., N. Y. C.	Ap 09
Kronenberger, Frank	808 Westchester av., N. Y. C.	Ap 09
Kruse, Robert Martin	424 E. 157th st., N. Y. C.	Ap 09
Kuehn, Otto	442 Central Park W., N. Y. C.	Ap 09
Kuhn, Hubert George	274 Main st., Poughkeepsie, N. Y.	Ap 09
Kumml, Herman	276 Heyward st., Brooklyn, N. Y.	D 08
Kunemund, Oscar C.	744 Hancock st., Brooklyn, N. Y.	Ap 09
Kurtis, Isaac Meyer	1028 Broadway, Brooklyn, N. Y.	D 08
Kurtz, George Lambert	Lynbrook, L. I., N. Y.	D 08
Laabs, Max Alfred	436 W. 124th st., N. Y. C.	Ap 09
Laber, Alphonse	23 W. 42d st., N. Y. C.	D 08
Lambert, Elliott Clyde	11 E. 42d st., N. Y. C.	M 09
Lampert, Jacob	264 Court st., Brooklyn, N. Y.	M 09
Lande, Isidor	943 3d av., N. Y. C.	D 08
Landgraf, William Philip	87 E. Genesee st., Buffalo, N. Y.	Ap 09
Landseadell, William	2037 3d av., N. Y. C.	Ja 09
Lane, Charles S.	Friendship, N. Y. C.	Ja 09
Lane, Delmer C.	124 Beach av., Auburn, N. Y.	D 08
Lang, John F.	548 Main st., Buffalo, N. Y.	Ja 09
Langer, Oscar	Tannersville, Greene co., N. Y.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Langford, Edward R.	Jamestown, N. Y.	Ap 09
Langford, Nathaniel	962 Amsterdam av., N. Y. C.	Ap 09
Langlois, Joseph Alphonse	29 Jay st., Schenectady, N. Y.	Ap 09
Langmeyer, Gregory Frank	175 Landon st., Buffalo, N. Y.	Je 09
Lapham, William H.	16 St James pl., Buffalo, N. Y.	Ja 09
Lapoint, Cass C.	4 Warren st., Glens Falls, N. Y.	Il 09
Lapp, George H.	317 Warren st., Hudson, N. Y.	D 08
Larkin, Frederick, jr.	Randolph, N. Y.	Ap 09
La Rocque, Jules	Plattsburg, N. Y.	D 08
Lasher, William J.	126 W. 99th st., N. Y. C.	D 08
Leub, Samuel	400 Van Brunt st., Brooklyn, N. Y.	M 09
Lavine, Samuel	114-17 Monroe st., Syracuse, N. Y.	D 08
Leach, James	210 W. 148th st., N. Y. C.	Ja 09
Leach, Sydney	286 W. 127th st., N. Y. C.	Ap 09
Leaycraft, Harvey Allen	435 E. 120th st., N. Y. C.	M 09
Lee, Frank	Memphis, N. Y.	Ja 09
Lee, Raymond Henry	Main st., Croghan, N. Y.	Ap 09
Lee, Rollen Myers	Lakewood, N. Y.	Ap 09
Le Fever, Harry R.	35 John st., Kingston, N. Y.	Ap 09
Leigh, Allen C.	Chaumont, Jefferson co., N. Y.	Ap 09
Lembke, Charles F.	1 W. 42d st., N. Y. C.	D 08
Lemoine, Alfred	Port Plain, N. Y.	D 08
Lemp, Louis Frank	643 E. Division st., Syracuse, N. Y.	D 08
Lemp, Michael	113 N. Salina st., Syracuse, N. Y.	Ja 09
Lent, Wallace Winfield	4 S. Division st., Peekskill, N. Y.	D 08
Lenty, Joseph	Whitehall, N. Y., Box 109	Il 09
Leon, L. Cahen	508 Broadway, Albany, N. Y.	D 08
Leonard, Ray Le Grand	Endicott, N. Y.	D 08
Le Roy, Anson R.	Cassadaga, N. Y.	Ja 09
Lesnick, William	4117 3d av., Brooklyn, N. Y.	Ap 09
Leves, Willard	562 Main st., Little Falls, N. Y.	D 08
Levin, Harris	5018 3d av., Brooklyn, N. Y.	Ap 09
Levin, Robert	160 E. 48th st., N. Y. C.	Ap 09
Levine, Joseph	189 E. Broadway, N. Y. C.	Ja 09
Levine, Rose	189 Broadway, N. Y. C.	Ja 09
Levinson, Max	21 Main st. E., Rochester, N. Y.	Ap 09
Levison, Francis N.	15 Centre av., New Rochelle, N. Y.	Je 09
Levit, Abraham	709 Columbus av., N. Y. C.	Je 09
Levoy, Benjamin M.	24 E. 33d st., N. Y. C.	Ja 09
Levy, Abraham	783 8th av., N. Y. C.	Ja 09
Levy, Abraham M.	96 Graham av., Brooklyn, N. Y.	D 08
Levy, Adolph	996 Broadway, Brooklyn, N. Y.	Ap 09
Levy, Lewis S.	54 W. 116th st., N. Y. C.	D 08
Levy, Jacob	140 Stanton st., N. Y. C.	Ap 09
Lewando, Bernhard	649 Steinway av., L. I. City, N. Y.	Ja 09
Lewin, Alfred	461 Gold st., Brooklyn, N. Y.	Ja 09
Lewinson, Philip	24 Front st., Rochester, N. Y.	Ja 09
Lewis, Edwin D.	194 Broadway, N. Y. C.	D 08
Lewis, Ferdinand Cleghorn	495 Elmwood av., Buffalo, N. Y.	M 09
Lewis, John D.	123 W. Water st., Elmira, N. Y.	Ap 09
Lewis, John E.	Little Falls, N. Y.	D 08
Lewis, Leopold	921 Prospect av., N. Y. C.	D 08
Lewis, Robert	3315 Broadway, N. Y. C.	Ap 09
Liberman, Isaac M.	70 Genesee st., Auburn, N. Y.	D 08
Liberman, Julius L.	140 Renwick pl., Syracuse, N. Y.	D 08
Lichtenstein, Charles A.	850 West End av., N. Y. C.	Je 09
Lichtenstein, Eugene B.	850 West End av., N. Y. C.	Je 09
Lichtenstein, Solomon W.	850 West End av., N. Y. C.	Je 09
Liederbach, Jacob C.	343 3d av., N. Y. C.	Ap 09
Limerick, Charles Henry	284 River st., Troy, N. Y.	D 08
Lindon, Jay A.	62 Bond st., Brooklyn, N. Y.	Ap 09
Lindsay, Marvin J.	158 Main st. E., Rochester, N. Y.	Ja 09
Lindwall, Otto	1391 Broadway, Brooklyn, N. Y.	Ap 09
Lingvall, Arvid A.	530 Fifth av., Brooklyn, N. Y.	Ap 09
Linscott, Edward P.	1112 Clinton av. S., Rochester, N. Y.	Ap 09
Lipchick, David	Main st., Cattaraugus, N. Y.	Ja 09
Lippitt, Ceylon Kendrick	Cooperstown, N. Y.	D 08
Lippman, Morris A.	69 Tompkins av., Brooklyn, N. Y.	Je 09
Livingston, Warren W.	120 Court st., Binghamton, N. Y.	D 08
Lockwood, Charles Wesley	57 Main st., Hempstead, N. Y.	Ap 09
Lockwood, Robert Minturn	1 Maiden Lane, N. Y. C.	D 08
Lockwood, Roswell E.	Walton, N. Y.	D 08
Lowenstein, Meyer G.	Arkville, N. Y.	Ap 09
Long, Lowman Hawes	Belfast, N. Y.	Ap 09
Long, Myra Alda	Belfast, N. Y.	Ap 09
Lopez, Adrian C.	511 W. 147th st., N. Y. C.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Loudon, Clarence T.	Rushville, N. Y.	D 08
Loup, Charles	93 Ralph st., Brooklyn, N. Y.	Ap 09
Lowe, Frank H.	Port Byron, N. Y.	D 08
Lueck, Samuel Ellis	1361 3d av., N. Y. C.	Je 09
Lugene, Ernest Newell	650 Madison av., N. Y. C.	Ap 09
Luke, Edwin Homer Finch	Iilon, N. Y.	D 08
Lund, Ole Charles	1 E. Third st., Mt Vernon, N. Y.	Ap 09
Lundy, John Henry	2210 Linwood av., Niagara Falls, N. Y.	Ja 09
Lupovitz, William	10 E. 119th st., N. Y. C.	Ap 09
Luther, Alonzo	67 N. Swan st., Albany, N. Y.	Ap 09
Luthy, Walter Julius	1956 3d av., N. Y. C.	Ap 09
Luxton, Edward C.	14 South av., Chautauque, N. Y.	Je 09
Mabie, Edward S.	Camden, Oneida co., N. Y.	Ja 09
McAfee, Chester Archie	Bank bldg., Coulter block, Saranac Lake, N. Y.	Ja 09
MacAlaster, William	348 Hamilton st., Albany, N. Y.	Ap 09
McBurnie, Thomas	1215 Bedford av., Brooklyn, N. Y.	D 08
Mace, Daniel	810 Albany st., Schenectady, N. Y.	Ap 09
McConkey, Irving Henry	Johnstown, N. Y.	Ap 09
McConnell, Thomas J.	Hancock, N. Y.	D 08
McCoy, Arthur Williams	41 E. 42d st., N. Y. C.	D 08
McCurdy, Delo	118 W. 89th st., N. Y. C.	Ap 09
McCutcheon, H. Gillette	Main st., Arcade, N. Y.	Ja 09
McEachron, John Henry	Hoosick Falls, N. Y.	Ap 09
McEneaney, George Thomas	129 E. 23d st., N. Y. C.	Ja 09
McFadden, Fay	Granville, N. Y.	D 08
McFarland, Frank Hervey	76 Front st., Binghamton, N. Y.	D 08
McFarland, Robert	Davenport, Delaware co., N. Y.	Ap 09
McGowan, Nicholas J.	436 E. 138th st., N. Y. C.	Ap 09
McGrady, Charles S.	22 Canisteo st., Hornell, N. Y.	Ja 09
McHenry, William Russell	Hornell, N. Y.	Ap 09
McIntyre, Duncan M.	16 Main st., Gloversville, N. Y.	Ap 09
Mack, William E.	Fort Plain, N. Y.	Ap 09
McKee, David C.	1 First st., Edwards, N. Y.	Ja 09
McKenney, Henry S.	6 Canisteo st., Hornell, N. Y.	Ja 09
McKensie, Edward L.	Greene, N. Y.	Ja 09
McKensie, William A.	Ausable Forks, N. Y.	Ap 09
MacKeown, Joseph J.	23 W. 42d st., N. Y. C.	Ja 09
McLeod, Jacob Nelson	Fine, St Lawrence co., N. Y.	Ap 09
McOmber, Guy D.	Main st., Honeoys Falls, N. Y.	Ja 09
McPhee, William Archibald	Canton, St Lawrence co., N. Y.	Ja 09
McWharf, George	Wolcott, N. Y.	Ap 09
Madlenger, Edward H.	12 Maiden Lane, N. Y. C.	D 08
Maguire, John Hugh	126 E. 23d st., N. Y. C.	Ap 09
Maguire, Robert Emmet	126 E. 23d st., N. Y. C.	Ap 09
Mahler, Gustave	702 Columbus av., N. Y. C.	Ap 09
Main, James A.	Main st., Warsaw, N. Y.	Ja 09
Maisel, Alexander	915 Broadway, Buffalo, N. Y.	Ap 09
Mandigo, Aaron V.	Main st., N. Lawrence, N. Y.	Je 09
Mann, Ignats	100 Nassau st., N. Y. C.	Ap 09
Mann, Max	208 West st., N. Y. C.	Ja 09
Marans, Jacob Moses	201 E. Houston st., N. Y. C.	D 08
Marchant, Frank Brewer	50 Flatbush av., Brooklyn, N. Y.	D 08
Markens, Walter Henry	549 Manhattan av., N. Y. C.	D 08
Markewitz, Alexander	178 7th av., Brooklyn, N. Y., care Ph. Greenberg.	Ap 09
Marks, Abraham	26 Broad st., Albany, N. Y.	Ap 09
Marks, Casper	1095 Gates av., Brooklyn, N. Y.	Ap 09
Marqusee, Harry Louis	115 Jefferson st., E. Syracuse, N. Y.	D 08
Markwick, Alger Bruce	76 Parker st., Gouverneur, N. Y.	Ap 09
Marryott, Robert S.	1205 Fulton st., Brooklyn, N. Y.	Je 09
Marsh, Charles F.	125 E. Main st., Fredonia, N. Y.	Ja 09
Marsh, Gertrude E.	147 Lenox av., Oneida, N. Y.	Ja 09
Marsh, John	38 Main st., Antwerp, N. Y.	Ja 09
Marter, William Emerson	310 Columbus av., N. Y. C.	Ap 09
Martin, Alexander	17 W. 28th st., N. Y. C.	D 08
Martin, De Witt Leckie	390 Main st., Buffalo, N. Y.	M 09
Martin, Edward H.	1127 Lexington av., N. Y. C.	Ap 09
Martin, Frederick	1082 Broadway, Brooklyn, N. Y.	Ap 09
Martin, Philo John	24 Elam pl., Buffalo, N. Y.	Ja 09
Mason, Charles Franklin	26 Main st., Cortland, N. Y.	Ja 09
Mason, Edward R.	69 Court st., Binghamton, N. Y.	D 08
Mason, Frank Maurice	335 E. 31st st., N. Y. C.	Ap 09
Mason, Herbert L.	Gluck bldg., Room 1, Niagara Falls, N. Y.	Ap 09
Mason, John Chamberlain	217 Main st., Jamestown, N. Y.	M 08
Mathews, Charles	51 Greene av., Brooklyn, N. Y.	D 08
Matthes, Louis Henry	Hoffman House, Broadway & 25th st., N. Y. C.	M 09
Matthysse, Leon J.	741 Tremont av., Bronx, N. Y. C.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Matzinger, Gustav	106-8 Fulton st., N. Y. C.	D 08
Maxson, Charles Ellsworth	Cortland st., De Ruyter, N. Y.	Ap 09
May, Charles F.	19 N. Broadway, Yonkers, N. Y.	Ap 09
May, Harry	Stottville, N. Y.	Ap 09
Mayer, Leo Morris	525 Lenox av., N. Y.	Ap 09
Mayer, Theodor Wilhelm	608 Elm st., Buffalo, N. Y.	Je 09
Mead, Morgan Smalley	39 W. 42d st., N. Y. C.	Ap 09
Medoff, Harry A.	151 Metropolitan av., Brooklyn, N. Y.	Ap 09
Mehl, Edward Henry	71 E. Genesee st., Buffalo, N. Y.	Ap 09
Mein, William J.	209 N. Broad st., Norwich, N. Y.	Ap 09
Meineke, William C.	37 E. 38th st., Bayonne, N. J.	M 09
Mende, Carl F.	1 Clinton av., Albany, N. Y.	Ap 09
Mende, Otto Raymond	205 Central av., Albany, N. Y.	Ap 09
Mendelovitz, Samuel	64 E. 105th st., N. Y. C.	D 08
Mendelssohn, Reuben	25 Forest st., Gloversville, N. Y.	D 08
Mendelson, David	369 Watkins st., Brooklyn, N. Y.	D 08
Mendelssohn, Herman E.	192 Fulton st., Brooklyn, N. Y.	Ap 09
Mensink, James Howard	379 Main st., Buffalo, N. Y.	Ap 09
Merckling, Louis	888 Manhattan av., Brooklyn, N. Y.	Ap 09
Merckling, Louis, jr.	Ehrich Bros., 6th av. & 23d st., N. Y. C.	Je 09
Meren, Sidney A.	159 Myrtle av., Brooklyn, N. Y.	Je 09
Merin, Aaron Louis	890 8th av., N. Y. C.	D 08
Merkel, George H.	327 Willis av., Bronx, N. Y. C.	Ja 09
Mermelstein, Bertha	392 Grand st., N. Y. C.	Ap 09
Mermelstein, Gerson S.	76 Avenue B, N. Y. C.	D 08
Mermelstein, Harry H.	392 Grand st., N. Y. C.	Ap 09
Mermelstein, Sophia	392 Grand st., N. Y. C.	Ap 09
Merrill, Robert L.	Main st., Genesee, N. Y.	Ja 09
Merriman, Sidney Grant	236 Genesee st., Utica, N. Y.	Ja 09
Merritt, Earl Vincent	Walton, N. Y.	Ja 09
Merwin, Wilfred Charles	105 Monroe st., Brooklyn, N. Y.	Ap 09
Mesmer, Frederick Franklyn	Larned block, Warren st., Syracuse, N. Y.	D 08
Messier, Edward F.	158 E. 44th st., N. Y. C.	Ap 09
Messinger, Joseph H.	103 1/2 St. Mark's pl., N. Y. C.	Ja 09
Mestel, Herman	56 Essex st., N. Y. C.	M 09
Metzner, Felix	142 Woodbine st., Brooklyn, N. Y.	D 08
Meyer, Charles Burchard, jr.	105 New Main st., Yonkers, N. Y.	Ap 09
Meyer, Gustava Hirsch	1697 Park av., N. Y. C.	Je 09
Meyer, John Ernest	636 6th av., N. Y. C.	Ap 09
Meyer, John G.	263 Wyckoff av., Brooklyn, N. Y.	M 09
Meyer, Louisa Adaline Thayer	142 Grove st., Winfield, I. I., N. Y.	Ap 09
Meyer, Peter H.	532 Main st., Buffalo, N. Y.	Ja 09
Meyer, Samuel Louis	237 W. 140th st., N. Y. C.	Ap 09
Meyers, C. Stanley	17 North st., Middletown, N. Y.	Ap 09
Meyers, Herman Julius	24 Maiden Lane, N. Y. C.	M 09
Meyers, Jacob Joseph	4420 15th av., Brooklyn, N. Y.	Ap 09
Meyrowitz, Paul Alexander	389 5th av., N. Y. C.	D 09
Michel, David S.	308 W. 93d st., N. Y. C.	Ja 09
Michelin, Louis Ferdinand	1350 Brook av., Bronx, N. Y. C.	Ap 09
Michell, Richard	Main st., Brewster, N. Y.	Ap 09
Midlam, H. Clayton	174 W. Dominick st., Rome, N. Y.	Ja 09
Minko, Henry Charles	151 Clinton av., N. Rochester, N. Y.	Ja 09
Miller, Eugene P.	78 Division st., Albany, N. Y.	D 08
Miller, Henry	630 Fifth av., Brooklyn, N. Y.	Ap 09
Miller, Jacob	270 Woodbine st., Brooklyn, N. Y.	Ap 09
Miller, Jeremiah Aleigh	807 Tinton av., N. Y. C.	D 08
Miller, John George	36 W. Huron st., Buffalo, N. Y.	D 08
Miller, Joshua H.	304 4th st., Watkins, N. Y.	Ap 09
Miller, Julius Louis	50 Clinton av., N., Rochester, N. Y.	D 08
Miller, Mark	147 Fulton st., N. Y. C.	Ap 09
Miller, Melvin Alonzo	78 Division st., Albany, N. Y.	Ap 09
Miller, Maxwell	495 Manhattan av., N. Y. C.	Ap 09
Miller, Otto	109 Union st., Olean, N. Y.	Ja 09
Miller, Samuel	Malone, N. Y.	D 08
Mills, Alexander	4705 3d av., Brooklyn, N. Y.	Ap 09
Mills, Frederic Huntington	Carthage, N. Y.	D 08
Mills, Robert Stewart	Akron, N. Y.	Ja 09
Mills, Thomas E.	110 E. 23d st., N. Y. C.	Je 09
Mills, William Somers	Fillmore, N. Y.	Ap 09
Mincer, Edwin Nathaniel	Moravia, N. Y.	D 08
Mincer, Julian Louis	285 Main st. E., Rochester, N. Y.	D 08
Mincer, Louis Labe	5 Clinton av. S., Rochester, N. Y.	D 08
Miner, Charles Warren	45 Main st., Mt. Morris, N. Y.	Ja 09
Minsterman, Michael George	68 N. Pearl st., Albany, N. Y.	Ja 09
Misel, Isaac	228 S. First st., Brooklyn, N. Y.	Ja 09
Mitchell, James John	27 Colden st., Newburgh, N. Y.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Mitchnick, Charles	325 Clinton st., Buffalo, N. Y.	Ja 09
Mochlan, Ferdinand H.	9 W. Mohawk st., Buffalo, N. Y.	Ap 09
Mollineaux, Maurice	2964 3d av., N. Y. C.	Ja 09
Monroe, Leo G.	29 Clinton av. S., Rochester, N. Y.	Ap 09
Moore, William J.	727 8th av., N. Y. C.	Ja 09
Moore, William L.	Hinsdale, N. Y.	Ap 09
Morgan, Bert S.	Main st., Cooperstown, N. Y.	Ap 09
Morgan, Edwin Joseph	332 Ninth st., Brooklyn, N. Y.	Pl 09
Morgan, William Clark	113 Cayuga st., Fulton, N. Y.	D 08
Morins, Edwin Clifford	104 E. 23d st., N. Y. C.	Ap 09
Morris, Frank V.	Carthage, N. Y.	Ja 09
Morris, Isaac	7 E. 113th st., N. Y. C.	Je 09
Morrison, Edward C.	28 Market st., Amsterdam, N. Y.	D 08
Morse, Louise Harriet	84 Main st., Batavia, N. Y.	Ja 09
Morse, S. Irving	40 E. Main st., Amsterdam, N. Y.	Ja 09
Morse, William J.	103 Chamber of Commerce bldg., Rochester, N. Y.	D 08
Moses, Ambrose E.	Krumville, Ulster co., N. Y.	Ja 09
Moses, Jacob Louis	327 Fulton st., Brooklyn, N. Y.	Ap 09
Moses, Judah	327 Fulton st., Brooklyn, N. Y.	Ja 09
Moses, Wolfe	327 Fulton st., Brooklyn, N. Y.	Ja 09
Mosher, Walter J.	Martville, Cayuga co., N. Y.	Ap 09
Mosier, Louis J.	391 Walnut st., Buffalo, N. Y.	Ap 09
Moskovitz, Julius	3 Park row, N. Y. C.	Ap 09
Mott, Emil G.	795 E. 160th st., N. Y. C.	Ap 09
Mott, Zebulon C.	519 Fulton st., Elmira, N. Y.	Ja 09
Mount, Herbert Clinton	Cherry Creek, N. Y., Box 74	Ap 09
Mucks, Berthold	2633 8th av., N. Y. C.	Ja 09
Muir, Matthew R.	584 Fulton st., Brooklyn, N. Y.	Je 09
Müller, Albert C.	2110 S. Salina st., E. Onondaga, N. Y.	Je 09
Muller, Ernest Edward	17 E. Main st., Malone, N. Y.	Ap 09
Munch, Theodore Conrad	153 Hopkinson av., Brooklyn, N. Y.	Ap 09
Mundorff, Theodore	1167 Broadway, N. Y. C.	Ap 09
Murdock, John D.	Geneseo, N. Y.	Ja 09
Murray, Thomas John	45 Green st., Albany, N. Y.	Ja 09
Myers, James	16 Washington st., Poughkeepsie, N. Y.	Ap 09
Myers, Meyer	213 McLennan av., Syracuse, N. Y.	D 08
Myers, Nicholas J.	356 Fulton st., Troy, N. Y.	Je 09
Naylor, Benjamin Franklin	86th st. & 3d av., N. Y. C.	Ap 09
Naylor, James	1058 Bergen st., Brooklyn, N. Y.	Ap 09
Neff, Frederick Woodruff	17 Sheather st., Hammondsport, N. Y.	Ap 09
Neill, William Alexander, jr.	8 Agate court, Brooklyn, N. Y.	Ap 09
Nelson, Andrew John	Massena, N. Y.	D 08
Nelson, Hal	124 Congress st., Buffalo, N. Y.	M 09
Nelson, James Richard	42 Main st., Massena, N. Y.	Ap 09
Nelson, Julien	64 S. 4th av., Mt Vernon, N. Y.	Ap 09
Neuman, George Ferdinand	524 5th st., Brooklyn, N. Y.	Ap 09
Newirth, Abraham	788 2d av., N. Y. C.	Ap 09
Newberg, Isaac	1036 Park av., N. Y. C.	Je 09
Newberg, Jacob	327 Beekman av., N. Y. C.	Je 09
Newell, William Frederick	Mt Vision, N. Y.	Ap 09
Newing, Egbert A.	5 Lydia st., Binghamton, N. Y.	D 08
Newing, Judson Shultz	86 Court st., Binghamton, N. Y.	D 08
Newman, Guy W.	Watkins, N. Y.	D 08
Newman, Louis	227 Plymouth av., Buffalo, N. Y.	Ja 09
Newman, Parry	307 Brown st., Rochester, N. Y.	D 08
Newman, Simon	Owego, N. Y.	D 08
Nichols, Harry Poillon	539 5th av., N. Y. C.	Ap 09
Nield, Arthur Ernest	669 Main st., East Aurora, N. Y.	Ap 09
Nierenberg, Joseph	70 Forsyth st., N. Y. C.	M 09
Nightingale, David Ely	142 E. 8th st., N. Y. C.	Ap 09
Niles, William Lyndon	Cobleskill, N. Y.	Ja 09
Noll, John	80 Clinton av., Albany, N. Y.	D 08
Nommenson, Carsten	987 Fulton st., Brooklyn, N. Y.	Ap 09
Noot, Abraham C.	228 7th st., N. Y. C.	Ap 09
Nordstrom, Frank G.	213 Main st., Jamestown, N. Y.	Ja 09
Norton, Arthur C.	Public sq., Holley, N. Y.	Pl 09
Norton, Edward Frazier	88 Main st., Salamanca, N. Y.	Ja 09
Norton, George Freer	Pleasantville, N. Y.	D 08
Noyes, Thomas B.	170 Broadway, N. Y. C.	D 08
Nunes, Angelo S.	14 E. 42d st., N. Y. C.	Ap 09
Nunes, Victor Neville	14 E. 42d st., N. Y. C.	Ja 09
Nuse, Frank Paul	65-67 Grant st., Buffalo, N. Y.	Ap 09
Nusser, John M.	229 Saxton st., Rochester, N. Y.	Ja 09
Nye, Alexander S.	31 Maiden Lane, N. Y. C.	Ap 09
Nyeboe, Ancher	29 3d av., Brooklyn, N. Y.	Ap 09

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NAME	ADDRESS	Date of certificate
Oakes, Ray W.	214 Franklin st., Buffalo, N. Y.	Ap 09
Obrig, Ernst Adolph	103 Van Wyck av., Jamaica, L. I., N. Y.	D 08
Obrig, Jacob August Theodore	1 W. 42d st., N. Y. C.	D 08
O'Connor, Jerry F.	62 Genesee st., Utica, N. Y.	M 09
O'Donnell, William A.	122 Genesee st., Utica, N. Y.	Ja 09
Oelschlaeger, Albert Edward	110 E. 23d st., N. Y. C.	Ap 09
Oelschlaeger, Oswald	110 E. 23d st., N. Y. C.	Ap 09
Oertel, William D.	205 S. Salina st., Syracuse, N. Y.	D 08
Offenhaeuser, Otto	Tarrytown, N. Y.	D 08
Offenhaeuser, Otto, jr.	37 Main st., Tarrytown, N. Y.	Ap 09
O'Hara, Michael J.	Camillus, N. Y.	Ja 09
Ohmann, Amos	Main & Bank st., Albion, N. Y.	Ja 09
Ohmann, Burt C.	William st., Lyons, N. Y.	Ap 09
Olbright, Benjamin, jr.	730 Broadway, Brooklyn, N. Y.	D 08
Oliver, Joseph Robert	29 Market st., Amsterdam, N. Y.	Ap 09
Olschewski, John	320 Washington st., Geneva, N. Y.	D 08
O'Neill, Arthur F.	1187 Hancock st., Brooklyn, N. Y.	Ap 09
Opava, Francis	1370 1st av., N. Y. C.	Ap 09
Oppel, George Anthony	561 E. Main st., Little Falls, N. Y.	Ap 09
Oppel, Irving Madison	561 Main st., Little Falls, N. Y.	Ja 09
Orstedt, Henry Edward	Boonville, N. Y.	Ja 09
Orton, Eugene S.	10 E. Main st., Amsterdam, N. Y.	D 08
Osborn, Romaine	Jewett, N. Y.	Ap 09
Osborn, William Romaine	Jewett, N. Y.	Ap 09
Osborne, William Pulver	Main st., Dryden, N. Y.	Il 09
Osterburg, Paul Max	1594 Broadway, Brooklyn, N. Y.	D 08
Ottenheimer, David C.	1015 Gates av., Brooklyn, N. Y.	Ap 09
Ottenheimer, Louis	1015 Gates av., Brooklyn, N. Y.	D 08
Outwater, John	25 Savings Bank bldg., Lockport, N. Y.	Ja 09
Overton, Elfred H.	39 Main st., Westfield, N. Y.	Ap 09
Page, Charles Edward	270 W. Ferry st., Buffalo, N. Y.	D 08
Page, William	466 Fulton st., Brooklyn, N. Y.	D 08
Palley, Fred G.	Oneida, N. Y.	D 08
Palmer, Arthur O.	Montour Falls, N. Y.	Ap 09
Palmer, Henry Guy	60 N. Main st., Mechanicville, N. Y.	Ap 09
Palmer, William Henry	139 Benedict av., Woodhaven, L. I.	Ap 09
Paris, Charles Harry	286 River st., Troy, N. Y.	Je 09
Parish, Edward Albertus	Hornell, N. Y.	D 08
Parish, Fred Melvin	Hornell, N. Y.	D 08
Parker, Albert Judd	159 Main st., Oneonta, N. Y.	Ap 09
Parker, Roy Danford	51 Monhagen av., Middletown, N. Y.	Ap 09
Parshall, Frederick Cariten	Little & Parshall Co., Margaret st., Plattsburg, N. Y.	Ja 09
Parsons, George Fish	13 W. 42d st., N. Y. C.	Ap 09
Partridge, L. Roy	North Cohocton, N. Y.	Ap 09
Patten, John H.	105 W. 125th st., N. Y. C.	Ap 09
Payne, George Willoughby	88 Genesee st., Utica, N. Y.	D 08
Peabody, Edward	Amenia, N. Y.	D 08
Pearce, Frank Edward	12 Linden st., Geneva, N. Y.	Ja 09
Pearse, Robert A.	Milford, N. Y.	Ap 09
Peck, Arthur J.	Watkins, N. Y.	D 08
Pellow, Arthur	Stone road, Barnards, Greece, near Rochester	Ap 09
Perine, Albert F.	491 Fulton st., Brooklyn, N. Y.	Ap 09
Perkins, Charles Henry	286 Main st., Poughkeepsie, N. Y.	Ap 09
Perkins, Daniel Leonard	Horseheads, N. Y.	Ja 09
Perkins, John A.	Horseheads, N. Y.	D 08
Perlen, Richard	117 Blecker st., Utica, N. Y.	D 08
Perrin, William Freeman	Oneida, N. Y.	D 08
Perry, George Alexander	43 Hancock st., Brooklyn, N. Y.	D 08
Peters, Edmund Judson	45 Green st., Albany, N. Y.	Ja 09
Peterson, Fred J.	137 Genesee st., Buffalo, N. Y.	Ja 09
Peterson, Ness	Norwich, N. Y.	D 08
Peterson, William John	Main st., Bolivar, N. Y.	Ap 09
Petit, Louis A.	535 Warren st., Hudson, N. Y.	D 08
Peto, Charles Richard	49 Liberty st., N. Y. C.	Ap 09
Petro, George	231 Oak st., Rochester, N. Y.	Ja 09
Pettersen, Charles	442 St. Nicholas av., N. Y. C.	Ap 09
Pettinger, Otto J.	33 Water st., Newburgh, N. Y.	D 08
Pettit, Irving S.	28 E. Main st., Patchogue, N. Y.	Ap 09
Pfeiffer, Charles Gotthilf	28 Flower st., Rochester, N. Y.	D 08
Plants, Henry J.	298 S. Pearl st., Albany, N. Y.	Je 09
Phelps, Allis May	Co. Canal & Chapel st., Belfast, Allegany co., N. Y.	Ap 09
Phelps, George Henry	Hugh st., Belfast, Allegany co., N. Y.	Ja 08
Phillips, Ernest T.	McCott, N. Y.	D 08
Phillips, Floyd L.	McGraw, N. Y.	M 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Phillips, Orrin Preston	65 Main st., Camden, N. Y.	Ap 09
Picard, Heliodore Pierre	29 E. 125th st., N. Y. C. Care Guarantee Optical Co.	Je 09
Piccard, Louis Martin	705 Fulton st., Brooklyn, N. Y.	Ja 09
Pickup, Harry C.	4286 Belmont av., Ozone Park, N. Y.	Ap 09
Pierce, Fred	Main st., St Regis Falls, N. Y.	Ap 09
Pilger, Charles Leonard	39 W. 42d st., N. Y. C.	Ap 09
Pinkofsky, Henry	8 E. 116th st., N. Y. C.	Ap 09
Pinney, William M.	Main st., Arcade, N. Y.	Ja 09
Piper, E. Charles	116 E. 125th st., N. Y. C.	Ap 09
Pippitt, Harry Joseph	73 Pike st., Port Jervis, N. Y.	Ap 09
Pitts, Harry Frisby	314 Wall st., Kingston, N. Y.	D 08
Place, Wilbur C.	State st., Caledonia, N. Y.	Ap 09
Plimpton, Arthur H.	7 W. Bridge st., Oswego, N. Y.	D 08
Plumb, Henry H.	2 Times bldg., Troy, N. Y.	D 08
Plummer, Artimus Clark	111 W. 104th st., N. Y. C.	Ap 09
Podos, Abraham	2479 Atlantic av., Brooklyn, N. Y.	Ap 09
Pohs, Jacob	1044 Herkimer st., Brooklyn, N. Y.	Je 09
Pole, John William	95 E. Main st., Rochester, N. Y.	Ja 09
Polen, Albert	1-3 Attorney st., N. Y. C.	Ap 09
Pollak, Julius L.	110 High st., Elmira, N. Y.	Ap 09
Pollak, Sylvan	51 Maiden Lane, N. Y. C.	JI 09
Pollock, Abraham L.	254 Grand st., Brooklyn, N. Y.	Ja 09
Pollock, Elizabeth L.	254 Grand st., Brooklyn, N. Y.	Ja 09
Pomeranz, Frederick Isidor Morris	452 Bergen st., Brooklyn, N. Y.	Je 09
Pope, Fannie L.	78 Ford st., Ogdensburg, N. Y.	Ap 09
Porter, Richard A.	Ocean av., Patchogue, N. Y.	Ap 09
Post, John Martin	Seneca st., Manlius, N. Y.	Je 09
Potter, Aaron Alfred	515 W. 122d st., N. Y. C.	D 08
Potter, Harris L.	225 S. Warren st., Syracuse, N. Y.	Ap 09
Potter, Samuel Gipson	Main st., North Lawrence, N. Y.	Je 09
Powell, Isaac B.	85 Main st., Greenwich, N. Y.	Ja 09
Powell, William H.	Main st., Sodus, N. Y.	Ja 09
Powers, John C. W.	Main st., Brocton, N. Y.	Ap 09
Pratt, Arthur	797 Lincoln pl., Brooklyn, N. Y.	D 08
Pratt, Ernest Clifton	101 Lawrence st., Saratoga Springs, N. Y.	Ap 09
Pratt, William E.	Burdett, N. Y.	Ap 09
Preble, William P.	Ticonderoga, N. Y.	Ap 09
Predmore, Lewis James	Main st., Frankfort, N. Y.	Ap 09
Prentice, Chalmers	Park Avenue Hotel, N. Y. C.	Ap 09
Prentice, Charles F.	181 Broadway, N. Y. C.	D 08
Prescott, Albert E.	North Creek, N. Y.	D 08
Preston, Myles B.	1 Maiden Lane, N. Y. C.	Ap 09
Preston, Stephen, jr.	58 S. 4th av., Mt Vernon, N. Y.	Ja 09
Price, Ernest B.	Solon, N. Y.	Ap 09
Price, Nathan E.	1003 Myrtle av., Brooklyn, N. Y.	D 08
Price, Norman Henry	100 W. 86th st., N. Y. C.	Ja 09
Prince, Myron C.	126 Main st., Herkimer, N. Y.	Ja 09
Princer, Morris	413 6th av., N. Y. C.	Ja 09
Probes, Charles K.	Cor. State & Lafayette st., Schenectady, N. Y.	Ja 09
Proper, George	104 Broadway, Schuylerville, N. Y.	Ap 09
Prouty, Walter R.	298 Marcy av., Brooklyn, N. Y.	D 08
Prüssmann, Henry	213 E. Genesee st., Buffalo, N. Y.	Ja 09
Prüssmann, Henry E. jr.	213 Genesee st., Buffalo, N. Y.	Ja 09
Pullar, C. Laudernau	Van Tuij block W. Main st., Prattsburg, N. Y.	Ap 09
Pulver, Henry Harrison	69 Clinton av. S., Rochester, N. Y.	Ja 09
Putnam, Abbott	105 W. William st., Bath, N. Y.	D 08
Putnam, Israel	126 E. Water st., Elmira, N. Y.	D 08
Quencer, Wallace S.	106 Arsenal st., Watertown, N. Y.	Ap 09
Quimby, Aaron K.	Green st., Port Byron, N. Y.	D 08
Quinlan, William Francis	820 Bedford av., Brooklyn, N. Y.	D 08
Quinn, Irven William	268 W. 134th st., N. Y. C.	Ap 09
Radder, Henry W.	107 Washington st., Watertown, N. Y.	Ap 09
Radder, Osgood C.	107 Washington st., Watertown, N. Y.	Ja 09
Rabe, William A.	71 Nassau st., N. Y. C. Box 1262	Ap 09
Rainess, James	953 Amsterdam av., N. Y. C.	Je 09
Rainey, Frank M.	66 Genesee st., Greene, N. Y.	Ap 09
Randall, Harvey Easton	Saranac Lake, N. Y.	Ja 09
Rankin, William B.	Lake st., Richfield Springs, N. Y.	Ap 09
Reade, Joseph William	532 Manhattan av., Brooklyn, N. Y.	Ap 09
Reed, Leon Leroy	Van Etten, N. Y.	D 08
Rees, Malcolm H.	35 Chenango st., Binghamton, N. Y.	D 08
Rees, Melville W.	35 Chenango st., Binghamton, N. Y.	D 08
Reese, Edwin H.	103 W. 42d st., N. Y. C.	Ap 09
Rehm, Sallie H.	3644 Park av., N. Y. C.	Ap 09
Rehm, William Theodore	75 Nassau st., N. Y. C.	D 08
Reich, John C.	99 Hickory st., Rochester, N. Y.	D 08

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Reiner, Harry M.	71 Second av., N. Y. C.	D 08
Reiner, Pinkus	143 Eighth av., N. Y. C.	Ap 09
Reinewald, Henry	226 North st., Middletown, N. Y.	Ap 09
Reynolds, Adelbert	Glens Falls, N. Y.	Ap 09
Rice, Harvey E.	Main st., Shortsville, N. Y.	Ja 09
Richards, George Byron	245 Carroll st., Brooklyn, N. Y.	Ap 09
Richardson, Ellsworth M.	97 Main st., Lockport, N. Y.	Ja 09
Richmond, Agnes Watts	8 Center st., Genesee, Livingston co., N. Y.	Ja 09
Richmond, William H.	Main st., Wellsville, N. Y.	Ap 09
Rickarts, Charles W.	35 Clinton av. N., Rochester, N. Y.	D 08
Rickard, Simeon J.	Oneida, N. Y.	D 08
Rickler, Cassel H.	375 Clinton av. N., Rochester, N. Y.	Ap 09
Riefler, Fred A.	420 Michigan st., Buffalo, N. Y.	Ap 09
Rieger, Kalman L.	865 Cauldwell av., N. Y. C.	Ap 09
Ries, Glen Hubert	119 W. Manlius st., East Syracuse, N. Y.	D 08
Ringer, J. Myron	14 Liberty st., Bath, N. Y.	D 08
Ripplier, Charles W.	66 Buffalo av., Brooklyn, N. Y.	D 08
Rix, Walter Cyrus	2 E. Main st., Ilion, N. Y.	Ja 09
Rizzo, Achilles	41 Spring st., N. Y. C.	Ap 09
Robbins, Frank Edward	102 W. Water st., Elmira, N. Y.	D 08
Robertson, Charles E.	Main st., Northport, N. Y.	Ap 09
Robin, Louis	1700 Bath av., Bath Beach, Brooklyn, N. Y.	Je 09
Robin, William	465 Fulton st., Brooklyn, N. Y.	D 08
Robinson, Everett S.	Main st. & 1st av., Bay Shore, N. Y.	Ap 09
Robinson, Joseph	1547 Broadway, N. Y. C.	Ap 09
Robinson, Osmon C.	14 Main st., Newark, N. Y.	Ja 09
Robinson, Phineas Ellsworth	Main st., Babylon, N. Y.	Ap 09
Roedel, Fred William	32 Saratoga st., Utica, N. Y.	D 08
Rogers, Edward Bruce	890 Jefferson av., Brooklyn, N. Y.	JI 09
Rogers, Frank	Gloversville, N. Y.	Ja 09
Ronan, James	Wevertown, Warren co., N. Y.	Ap 09
Rose, Ahira H.	Phelps, N. Y.	Ja 09
Rosen, Charles	102 N. Pearl st., Albany, N. Y.	Ap 09
Rosenbaum, Saly	1415 3d av., N. Y. C.	Ap 09
Rosenberg, Jacob	69 Columbia st., N. Y. C.	Ja 09
Rosenbloom, Charles A.	208 E. Water st., Elmira, N. Y.	D 08
Rosenbloom, Reuben S.	130 E. Genesee st., Syracuse, N. Y.	D 08
Rosenfeld, David	57 W. 117th st., N. Y. C.	Ap 09
Rosenstein, Herman	813 Sixth av., N. Y. C.	Ap 09
Rosenstraus, Herman	260 Grand st., N. Y. C.	Ja 09
Rosenstraus, Maurice H.	260 Grand st., N. Y. C.	Ja 09
Rosenstraus, Victor	260 Grand st., N. Y. C.	Ap 09
Ross, Samuel	6 Third av., Brooklyn, N. Y.	D 08
Ross, Sanderson A.	449 Main st., Medina, N. Y.	D 08
Rothenberg, James M.	1854 Prospect pl., Brooklyn, N. Y.	Ap 09
Rubin, Dorothy M.	150 East Houston st., N. Y. C.	Ap 09
Rubin, Max	150 East Houston st., N. Y. C.	D 08
Ruger, Morgan A.	144 East Water st., Elmira, N. Y.	D 08
Rumble, Charles A.	State st., Lowville, N. Y.	Ja 09
Rumsey, Clarence Eugene	113 College av., Elmira, N. Y.	Ja 09
Russell, Amasa J.	115 North st., Walton, N. Y.	Ap 09
Russell, John Thomas	152 E. 124th st., N. Y. C.	D 08
Russell, Leroy Edgar	90 Front st., Deposit, N. Y.	Ap 09
Ryer, Elmer Leroy	200 Broadway, N. Y. C.	Ja 09
Ryer, Richard Wesley	Hawthorne, Westchester co., N. Y.	Ap 09
Saalwachter, John A.	297 Central Park, Rochester, N. Y.	Ap 09
Sachs, Louis	120 Delancey st., N. Y. C.	D 08
Sachs, Theodore Hermann	391 Main st., Catskill, N. Y.	Ja 09
Sacks, Abraham	476 Willis av., N. Y. C.	Ap 09
Sacks, Annie	247 W. 116th st., N. Y. C.	Ja 09
Sacks, George	247 W. 116th st., N. Y. C.	D 08
Sacks, Harris	1936 3d av., N. Y. C.	Ap 09
Sacks, Herman	299 Fulton st., Brooklyn, N. Y.	Ja 09
Safford, Charles Henry	310 Wall st., Kingston, N. Y., Lock box 821	Ap 09
Sager, Willard J.	Cor. Water & Hamilton st., Painted Post, N. Y.	Ja 09
Salias, Philip	Whitestone, N. Y.	D 08
Sanborn, Elmer E.	248 W. 125th st., N. Y. C.	Ap 09
Sanborn, Fred Bickford	Westport, N. Y.	D 08
Sands, Harry Allen	55 Seneca st., Buffalo, N. Y.	M 09
Sanford, Charles B.	1 Lebanon st., Hamilton, N. Y.	Ja 09
Sanford, Silas Judson	8 Main st., Boonville, N. Y.	Ja 09
Sanger, Harry Fargo	Rochester & Main st., Lima, N. Y.	Ja 09
Sapiro, Jeanette	47-49 W. 117th st., N. Y. C.	Ap 09
Sargent, Charles Edward	128 Columbia st., Albany, N. Y.	D 08
Sawyer, Edward Sands	Lake av., near Main st., Tuckahoe, N. Y.	Ja 09
Saxton, Almeron George	Main st., Sherman, N. Y.	M 09

Certificates to practise optometry were issued to the following Aug. 1, 1908—
July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909,
ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Saxton, Luman Edgar	57 Main st., Cooperstown, N. Y.	Ap 09
Scadron, Elizabeth	21 Montgomery st., N. Y. C.	Ap 09
Scadron, Harry	116 Fulton st., N. Y. C.	Ap 09
Scadron, Irving	21 Montgomery st., N. Y. C.	Ap 09
Scadron, Joseph	21 Montgomery st., N. Y. C.	Ap 09
Scadron, Louis Harold	21 Montgomery st., N. Y. C.	Ap 09
Scarborough, Warren	27 Jackson av., Long Island City, N. Y.	Ap 09
Schaefer, John	402 Williams st., Buffalo, N. Y.	Ja 09
Schapp, Charles Alexander	Court Ellicott sq., Main st., Buffalo, N. Y.	Ja 09
Schaumburg, Frank D.	Greenport, L. I., N. Y.	D 08
Scheiding, J. Stephen	32 Maiden Lane, N. Y. C.	Ap 09
Schell, Richard	Stapleton, N. Y.	D 08
Schellinger, Harry M.	De Ruyter, N. Y.	D 08
Schenk, Frank	2066 Clinton av., N. Y. C.	Ap 09
Schermerhorn, Charles	Clarksville, Albany co., N. Y.	Ap 09
Schickler, Paul	398 E. Houston st., N. Y. C.	D 08
Schieder, George Theodore	229 N. Salina st., Syracuse, N. Y.	D 08
Schmid, Fred	530 Brisbane bldg., Buffalo, N. Y.	M 09
Schmid, Garfield William	Carthage, N. Y.	Ja 09
Schmid, John Charles	510 Madison st., Buffalo, N. Y.	Ap 09
Schmid, Joseph	607 Broadway, Buffalo, N. Y.	Ja 09
Schmid, Joseph, jr.	481 Auburn av., Buffalo, N. Y.	Ap 09
Schmidt, Emil Henry	182 S. Goodman st., Rochester, N. Y.	Ja 09
Schmidt, Fritz George	11 E. 42d st., N. Y. C.	Ja 09
Schmidt, Rudolph	51 Main st. E., Rochester, N. Y.	D 08
Schnackenberg, Adolph Hugo	896 Tinton av., N. Y. C.	Ap 09
Schnall, Samuel	56 Essex st., N. Y. C.	Ja 09
Schneeweis, Charles	169 E. 77th st., N. Y. C.	Ap 09
Schneider, Anton	52 Seneca st., Buffalo, N. Y.	Il 09
Schneider, Percy Jenkins Clarence	506 E. 162d st., N. Y. C.	Ap 09
Schnell, Richard Adolph	61 Nassau st., N. Y. C.	Ap 09
Schnitter, Adolf	19 Rivington st., N. Y. C.	Ap 09
Schoen, John N.	1125 Broadway, Buffalo, N. Y.	Ja 09
Schoenfeld, Harry Louis	2490 Cambreling av., N. Y. C.	Ap 09
Schoenfeld, Morris M.	Saugerties, N. Y.	D 08
Schoenig, Gustave	503 Fifth av., N. Y. C.	Ap 09
Schölermann, Charles Henry	159 E. 125th st., N. Y. C.	Ap 09
Schulman, Adolph	14 Elm st., Gloversville, N. Y.	Ap 09
Schultheis, Robert Bernard	775 Lincoln pl., Brooklyn, N. Y.	Ap 09
Schumann, Herman	1762 Madison av., N. Y. C.	D 08
Schutt, Louis	137 Genesee st., Buffalo, N. Y.	Ja 09
Schwalbe, Monroe J.	235 Eckford st., Greenpoint, Brooklyn, N. Y.	Je 09
Schwartz, Harriet	106 Vesey st., N. Y. C.	Ap 09
Schwartz, Jacob	1612 3d av., N. Y. C.	D 08
Schwartz, Joseph, jr.	Huntington, Long Island, N. Y.	Il 09
Schweizer, Adolph	710 3d av., Brooklyn, N. Y.	Ap 09
Sedgwick, William P.	Bath, Steuben co., N. Y.	M 09
Seifert, Adolph Peter	285 E. 157th st., N. Y. C.	Ap 09
Seip, Edward Lawall	119 E. 23d st., N. Y. C.	Ap 09
Seldawitz, Max	600 Fifth av., Brooklyn, N. Y.	Ap 09
Selover, F. Eugene	Trumansburg, N. Y.	Ja 09
Seman, Samuel M.	1255 Gates av., Brooklyn, N. Y.	Ap 09
Serlis, Sara D.	158 E. 2d st., Oswego, N. Y.	Ap 09
Sesonski, Charles	15 Church st., Gloversville, N. Y.	Ap 09
Seward, Franklin D.	137 E. 23d st., N. Y. C.	Ap 09
Shafer, Clarence H.	Main st., Cobleskill, N. Y.	Ap 09
Shafer, William Nelson	Main st., Cobleskill, N. Y.	Ap 09
Shapero, Paul	885 9th av., N. Y. C.	Ja 09
Shapiro, Jacob	300 Columbia st., Brooklyn, N. Y.	Il 09
Shapiro, Michael	1780 Pitkin av., Brooklyn, N. Y.	Ap 09
Shaul, Benjamin	495 3d av., Brooklyn, N. Y.	Ap 09
Shaw, Alexander	1167 Broadway, N. Y., care Mundorff.	Ap 09
Shaw, Amos A.	32 N. Main st., Alfred, N. Y.	Ja 09
Shaw, Dana Lowell	32 Main st., Alfred, N. Y.	Ja 09
Shaw, Forrest F.	628 Main st., Buffalo, N. Y.	D 08
Shepard, Charles Eugene	Penn Yan, N. Y.	D 08
Shepherd, William	46 Richmond av., Port Richmond, S. I.	Ap 09
Shepherd, William West	46 Richmond av., Port Richmond, S. I.	Ap 09
Sherman, William Charles	Otego, Otsego co., N. Y.	Ja 09
Sherwood, Clarence	692 Genesee st., Auburn, N. Y.	D 08
Sherwood, Fred C.	Manlius, N. Y.	Ja 09
Shigon, Nathan A.	475 E. 145th st., N. Y. C.	Ap 09
Shoemaker, Garrison Ernest	Middleburg, N. Y.	D 08
Shuttleworth, Charles Howard	171 Broadway, N. Y. C.	Ap 09
Sigerist, Otto	599 Linden st., Ridgewood, N. Y.	Ap 09
Silberman, Adolph	2270 Second av., N. Y. C.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Silbert, Herman	482 Washington st., Buffalo, N. Y.	Ap 09
Silver, Edwin Herman	91 Main st. E., Rochester, N. Y.	D 08
Silverman, Edward I.	45 Elizabeth st., Utica, N. Y., Box 146.	Ap 09
Silverman, John	315 Vernon av., Brooklyn, N. Y.	Ap 09
Silverman, Moses B.	34 Washington st., Utica, N. Y.	Ap 09
Silverstein, Julius	46 W. 116th st., N. Y. C.	Ja 09
Simcox, John Percy	424 Main st., Buffalo, N. Y.	Ja 09
Simmons, Lippman	482 Vermont st., Brooklyn, N. Y.	Je 09
Simon, Louis	525 Fulton st., Brooklyn, N. Y.	Je 09
Simon, William L.	378 E. 138th st., N. Y. C.	Ap 09
Simpson, Benjamin Otis	121 Genesee st., Auburn, N. Y.	Ja 09
Simpson, Oscar Henry	6 Main st., Fairport, N. Y.	Ap 09
Sing, Albert W.	3 Orchard st., Tarrytown, N. Y.	Ja 09
Sing, Charles R.	804 Main st., Nyack, N. Y.	Ap 09
Singer, Bernard	147 Fulton st., N. Y. C.	Il 09
Singer, Clara	1461 Madison av., N. Y. C.	Ap 09
Singer, Morris	116 Fulton st., N. Y. C.	D 08
Sisson, Hiram G.	23 Scott st., Jamestown, N. Y.	Ja 09
Skidmore, Leo E. O.	3224 Lion st., Dunkirk, N. Y.	Ap 09
Slater, Mina B. Thayer (Mrs)	60 South st., Utica, N. Y.	Ja 09
Slater, William Edward	60 South st., Utica, N. Y.	Ja 09
Slavin, William J.	Horseheads, N. Y.	Ja 09
Slocum, William E.	115 Remsen st., Cohoes, N. Y.	Ja 09
Smejkal, Frank	1349 1st av., N. Y. C.	Ja 09
Smith, Archibald Murray	3370 3d av., N. Y. C.	Ap 09
Smith, Archie O.	54 Danforth st., Rochester, N. Y.	D 08
Smith, Axel W.	58 Front st., Port Jervis, N. Y.	Ap 09
Smith, Benjamin Vail	50 N. Pearl st., Albany, N. Y.	D 08
Smith, Carl G.	50 Walnut st., Binghamton, N. Y.	Ap 09
Smith, Earl S.	291 Genesee st., Utica, N. Y.	Ja 09
Smith, Elizabeth Agnes	68 Central av., Albany, N. Y.	Ja 09
Smith, Eugene Secord	115 Union st., Olean, N. Y.	Ap 09
Smith, George C.	215 State st., Watertown, N. Y.	Ap 09
Smith, Herbert Kemp	267 Central av., Far Rockaway, N. Y.	Il 09
Smith, James W.	40 Canisteo st., Hornell, N. Y.	Ap 09
Smith, John J.	68 Central av., Albany, N. Y.	D 08
Smith, John X.	165 High st., Watertown, N. Y.	D 08
Smith, J. T. Mason	26 Burgoyne st., Schuylerville, Saratoga co., N. Y.	Ja 09
Smith, Lewis Young	Holley, N. Y.	Ap 09
Smith, Oscar Charles	37 Stewart bldg., Utica, N. Y.	D 08
Smith, Robert Gibson	1361 3d av., N. Y. C.	D 08
Smith, Samuel	69 McDougal st., Brooklyn, N. Y.	Je 09
Smith, Walter Hartwell	4 Exchange block, La Fayette sq., Oxford, N. Y.	Ap 09
Smith, William J.	Canastota, N. Y.	Ja 09
Snell, George A.	611 E. Main st., Little Falls, N. Y.	Je 09
Snitzer, Dora	216 E. Broadway, N. Y. C.	Ap 09
Snitzer, Jacob L.	216 E. Broadway, N. Y. C.	D 08
Snow, Alton Odell	37 W. Main st., Goshen, N. Y.	Je 09
Snyder, Daniel L.	210 S. Warren st., Syracuse, N. Y.	D 08
Solodar, Samuel	2135 Broadway, N. Y. C.	Je 09
Solomon, Jacob W.	130 E. 23d st., N. Y. C.	D 08
Solot, Max S.	119 E. 3d st., N. Y. C.	Ja 09
Sommer, August	2106 Main st., Niagara Falls, N. Y.	Je 09
Soper, Burton Arthur	Malone, N. Y.	D 08
Soper, Melrose Cochrane (Mrs)	Malone, N. Y.	Ja 09
Souder, Eugene Harvey	99 N. Pearl st., Albany, N. Y.	Ap 09
Spaid, Elmer Martin	40 Lewis st., Geneva, N. Y.	D 08
Spaulholz, William George	352 3d av., N. Y. C.	Ap 09
Spaulding, William Wallace	Ballston Spa, N. Y.	D 08
Spencer, Frederick William	527 Warren st., Hudson, N. Y.	D 08
Spencer, John Stowe	31 Maiden Lane, N. Y. C.	Ap 09
Spicer, Benjamin W.	1 Bell block, Monterey, N. Y.	Ap 09
Spole, George Morris	540 5th av., Brooklyn, N. Y.	Ap 09
Spryszynski, Stephen Michael	222-24 Stanislaus st., Buffalo, N. Y.	M 09
Squier, John Erwin	3204 Jamaica av., Richmond Hill, L. I.	Ap 09
Stafford, Judson Harvey	402 Broadway, Saratoga Springs, N. Y.	Ap 09
Stahl, Adolph G.	579 Courtlandt av., N. Y. C.	D 08
Stanley, Frank A.	Frewsburg, N. Y.	Ap 09
Stanley, Thomas Benjamin	102 Chestnut st., Brooklyn, N. Y.	Ap 09
Stanton, Benjamin Franklin	72 Main st., Tottenville, N. Y.	Ap 09
Stapf, Frank F.	57 E. 3d st., Dunkirk, N. Y.	Je 09
Stapf, John W.	328 Central av., Dunkirk, N. Y.	Je 09
Starnar, George N.	710 Swan st., Buffalo, N. Y.	Ap 09
Stead, Ernest	23-25 Chenango st., Binghamton, N. Y.	Ap 09
Steele, Edward Byron	158 Koslyn st., Rochester, N. Y.	Ja 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Steinberg, Leon	Main st., Griffin Corners, N. Y.	M 09
Steinberg, Samuel	247 Baden st., Rochester, N. Y.	Ap 09
Steinberg, Samuel E.	1206 Broadway, Brooklyn, N. Y.	Ap 09
Steinbrenner, Lewis	2 Times bldg., Troy, N. Y.	D 08
Steiner, Jacob	111 Centre st., Schenectady, N. Y.	Ap 09
Steiner, William	54 E. 23d st., N. Y. C., care M. H. Harris.	Ap 09
Steinlein, George W.	155 Broadway, Brooklyn, N. Y.	Ap 09
Stenger, Anthony	394 Broadway, Brooklyn, N. Y.	Ja 09
Stern, Adolf	176 6th av., N. Y. C.	Ja 09
Stern, Adolph	1508 3d av., N. Y. C.	Ap 09
Stern, Marie Bertha	509 Lenox av., N. Y. C.	Je 09
Stern, Moses E.	71 Nassau st., N. Y. C., Box 262	D 08
Stern, Samuel	Rondout sta., Kingston, N. Y.	D 08
Stern, Samuel, jr.	Rondout sta., Kingston, N. Y.	D 08
Sternberg, Gustav	75 17th av., Long Island City, N. Y.	Ap 09
Sternberg, Merton L.	Lisle, N. Y.	Ap 09
Stevens, Edwin Logan	Walton, N. Y.	Ja 09
Stevens, William Daniel	Main st., Warwick, N. Y.	Ap 09
Stewart, Elizabeth S.	16 Division st., Amsterdam, N. Y.	D 08
Stewart, Guy W.	R. R. st., Pawling, N. Y.	Ja 09
Stewart, Hunter Stedman	31 Maiden Lane, N. Y. C.	Ja 09
Stewart, John Alexander	16 Division st., Amsterdam, N. Y.	D 08
Stiles, Burt	117 Main st., Elmira, N. Y.	D 08
Stillman, Walter Stewart	123 Vanderbilt sq., Syracuse, N. Y.	D 08
Stillson, Charles Reid	418 Main st., Delhi, N. Y.	Ap 09
Stillwell, Richard Edward	41 E. 42d st., N. Y. C.	Ap 09
St John, Phinnie R.	211 Vestal av., Binghamton, N. Y.	Ap 09
Stoehr, Frank Theodore	68 N. Pearl st., Albany, N. Y.	Ja 09
Stone, George Harlan Page	Ilion, N. Y.	D 08
Stone, Louis L.	Corning, N. Y.	D 08
Stone, Sol	8 Morris st., Rochester, N. Y.	D 08
Strang, Elvin T.	Alpine, N. Y.	Ap 09
Sturges, Aden De Witt	Norwich, N. Y.	D 08
Sturges, Robert	71 Congress st., Troy, N. Y.	Ja 09
Styles, George B. jr.	303 Wall st., Kingston, N. Y.	Ap 09
Styles, Harry C.	303 Wall st., Kingston, N. Y.	Ap 09
Sucher, Benjamin	1711 Pitkin av., Brooklyn, N. Y.	Ap 09
Sugarman, Louis	558 Main st., Little Falls, N. Y.	Ja 09
Sumeriski, Claude Irving	72 Plymouth av., Rochester, N. Y.	Ja 09
Surdam, Arthur Eugene	50 Ellison st., Rochester, N. Y.	Ap 09
Sutheim, Frederic	309 W. 26th st., N. Y. C.	Ja 09
Sutton, Charles Robinson	Walker road, Perry, Wyoming co., N. Y.	Ap 09
Sutton, Robert William	Main st., Addison, N. Y.	Ap 09
Swan, Charles A.	90 Main st., Salamanca, N. Y.	Ja 09
Swan, John A.	Chestnut st., Franklinville, N. Y.	Ap 09
Swan, Thomas Washington	Franklinville, Cattaraugus co., N. Y.	Ap 09
Swart, Charles George	92 Genesee st., Auburn, N. Y.	D 08
Swart, Fred Leland	149 Genesee st., Auburn, N. Y.	D 08
Sweeney, James Vincent	1012 3d av., N. Y. C.	Ap 09
Sweet, Lewis O.	7 S. Main st., Liberty, N. Y.	Ja 09
Sweeting, Ralph Ernest	621 Chamber of Commerce bldg., Rochester, N. Y.	Ja 09
Swesey, Asher Jerome	21 South av., Rochester, N. Y.	Ap 09
Swiss, Morris R.	460 Grand st., N. Y. C.	D 08
Syrcher, Ernest Victor	40 Holland pl., Buffalo, N. Y.	Ja 09
Tardy, Joseph S.	90 State st., Lowville, N. Y.	Ap 09
Taylor, Francis Eugene	Bolivar, N. Y.	Ap 09
Taylor, George H.	2079 Lexington av., N. Y. C.	Ap 09
Taylor, James Edward	256 Main st., Buffalo, N. Y.	Ap 09
Taylor, James S.	125 Court st., Watertown, N. Y.	Ja 09
Taubman, Henry	5 Main st., St Johnsville, N. Y.	Ja 09
Taylor, Norman G.	Weedsport, N. Y.	D 08
Theodorini, Osmond	5414 3d av., Brooklyn, N. Y.	Ap 09
Terry, Herbert Lewis	Sayville, L. I., N. Y.	Ap 09
Terwilliger, James	39 2d st., Newburgh, N. Y.	Ja 09
Tisch, Nathan	206 W. 121st st., N. Y. C.	Ja 09
Thal, Norman	4813 5th av., Brooklyn, N. Y.	D 08
Thatcher, Charles Talman	330 Granite bldg., Rochester, N. Y.	Ja 09
Thayer, Fred L.	Edmeston, N. Y.	Ap 09
Thomas, Clarence Edgar	Skaneateles, N. Y.	Ja 09
Thomas, Homer Hugh	Gloversville, N. Y.	D 08
Thompson, Avery Jay	Cherry Valley, N. Y.	D 08
Thompson, Avery Jay, jr.	Cherry Valley, N. Y.	D 08
Thompson, Ernest Henry	226 Monroe st., Brooklyn, N. Y.	D 08
Thompson, George Washington	21 Railroad av., White Plains, N. Y.	Ap 09
Thompson, Leicester M.	416 Grant av., Richmond Hill, N. Y.	D 08

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Thorpe, Charles A.	Potsdam, N. Y.	D 08
Thorpe, William Henry	Clayton, N. Y.	D 08
Thrasher, Fletcher M.	243 North st., Rochester, N. Y.	Ja 09
Tole, John E.	494 La Fayette st., Utica, N. Y.	Ap 09
Tompkins, Frank Preston	Coxsackie, N. Y.	D 08
Tompkins, Herbert Philip	31 E. Market st., Corning, N. Y.	M 09
Torres, Isaac	341 Evergreen av., Brooklyn, N. Y.	Ap 09
Townsend, Leila Wood	Jones st., Matteawan, N. Y.	Ap 09
Tracy, George Herbert	32 Maiden Lane, N. Y. C.	D 08
Trea, Adelbert Earl	Trumansburg, N. Y.	D 08
Treulben, Fred F. A.	45 Second av., N. Y. C.	D 08
Triller, Augustus Wesley	286 Main st., Poughkeepsie, N. Y.	Ap 09
Tripp, Charles E.	Millerton, N. Y.	Ap 09
Tucker, Charles W. R.	Saugerties, N. Y.	Ap 09
Tuerk, Fred Arthur	357 S. Salina st., Syracuse, N. Y.	Ja 09
Tumpowsky, Manuel	517 Cedar st., Syracuse, N. Y.	D 08
Tunick, Meyer	9 N. Main st., Port Chester, N. Y.	Ja 09
Turner, John Francis	539 5th av., N. Y. C.	Ap 09
Turpisch, Carl A.	580 Bay st., Stapleton, N. Y.	Ja 09
Turpisch, Walter G.	580 Bay st., Stapleton, N. Y.	Ja 09
Ueland, Gabriel Theodor	61 Prospect pl., Brooklyn, N. Y.	Ap 09
Ueland, Gertrude Anna	61 Prospect pl., Brooklyn, N. Y.	Il 09
Ullenbruch, Jacob Henry	510 Main st., Buffalo, N. Y.	Ja 09
Unger, Charles A.	618 Main st., Buffalo, N. Y.	M 09
Uttal, David K.	15 W. 116th st., N. Y. C.	D 08
Vaillant, Henry	1293 Broadway, Brooklyn, N. Y.	Ap 09
Valentine, Peter F.	108 Center st., Dunkirk, N. Y.	M 09
Van Arsdale, Frederick Myers	32 Linden st., Geneva, N. Y.	Ja 09
Vandegrift, William Irving	78 Nassau st., N. Y. C.	Ja 09
Vandenberg, Albert Stevens	21 Bond st., Brooklyn, N. Y.	Ap 09
Vandenburgh, Edward P.	B'way & Main st., Haverstraw, N. Y.	Ap 09
Van Derbilt, Aaron R.	75 E. Main st., Amsterdam, N. Y.	D 08
Vanderburgh, Harry Chubbuck	124 S. Salina st., Syracuse, N. Y.	D 08
Vanderpool, Charles Francis	190 State st., Rochester, N. Y.	D 08
Van Der Veer, William	Division st., Cobleskill, N. Y.	Ap 09
Vanderwaag, Maurice Alexander	145 E. 23d st., N. Y. C.	Ja 09
Vanderwoort, Guy D.	Millford, N. Y.	Ap 09
Van Horn, Ulysses Grant	Fly Creek, Otsego co., N. Y.	Ap 09
Van Sickle, Charles	Port Jervis, N. Y.	D 08
Van Sickle, Emmett	99 Pike st., Port Jervis, N. Y.	D 08
Van Valkenburg, Lee	Wolcott, N. Y.	D 08
Van Winkle, Ella	623 Sterling pl., Brooklyn, N. Y.	Ap 09
Van Winkle, Lloyd G.	12 Winthrop st., Rochester, N. Y.	Ap 09
Van Zuielen, Peter Cornelius	210 Washington av., Glendale, L. I.	Ap 09
Vermilyea, Herbert S.	Griffin Corners, N. Y.	Ja 09
Ver Nooy, Charles H.	Watkins, N. Y.	D 08
Vielehr, Paul G.	104 Morill st., Rochester, N. Y.	D 08
Viewig, Adolph L.	90 Reid av., Brooklyn, N. Y.	Ap 09
Vogel, Paul	950 Columbus av., N. Y. C.	Ap 09
Votteler, William George	110 E. 23d st., N. Y. C., care Oelschlaeger Bros.	Ap 09
Vurpason, Everett Wayland	524 1/2 5th av., Brooklyn, N. Y.	Ap 09
Wadsworth, Burton E.	1256 Bushwick av., Brooklyn, N. Y.	Ap 09
Waelde, Charles Henry	72 Broadway, Newburgh, N. Y.	Ja 09
Waelde, DeWitt Charles	72 Broadway, Newburgh, N. Y.	Ja 09
Wagner, Arlington R.	88 Flatbush av., Brooklyn, N. Y.	Ap 09
Wagner, Elias	334 E. Houston st., N. Y. C.	M 09
Wagner, John	91 E. Genesee st., Buffalo, N. Y.	Ja 09
Wagner, Samuel	207 Stanton st., N. Y. C.	M 09
Wagoner, Herbert A.	Norwich, N. Y.	D 08
Waldvogel, Charles	608 Central bldg., Rochester, N. Y.	D 08
Walker, Frank D.	1013 Chamber of Commerce bldg., Rochester, N. Y.	D 08
Wall, George	Webster, N. Y.	D 08
Wallace, Henry	155 E. 106th st., N. Y. C.	D 08
Walsh, James J.	251 Grove st., Brooklyn, N. Y.	Ap 09
Walsh, James R.	144 Court st., Binghamton, N. Y.	Ap 09
Walter, B. Frank	237 5th av., N. Y. C.	Ap 09
Walter, Gustave	32 Maiden Lane, N. Y. C.	Ja 09
Walter, Gustave Alfred	152 Broadway, N. Y. C.	D 08
Waltz, E. L. Estella	177 Morgan st., Buffalo, N. Y.	D 08
Ward, Charles Cromwell	23 Main st., Yonkers, N. Y.	Ap 09
Ward, Charles Prentice	23 Main st., Yonkers, N. Y.	Ap 09
Ward, Samuel Phillips	12 Maiden Lane, N. Y. C.	Ja 09
Warn, George Francis	Pavilion, Genesee co., N. Y.	Ja 09
Warren, Arthur E.	Sidney, N. Y.	D 08
Warschauer, Julia	119 E. 105th st., N. Y. C.	Ap 09
Warshaw, Morris L.	5 E. 119th st., N. Y. C.	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (continued)

NAME	ADDRESS	Date of certificate
Wartell, Isaac.....	515 E. Tremont av., N. Y. C.....	Je 09
Wartell, Morris Aaron.....	2115 Amsterdam av., N. Y. C.....	Ap 09
Waterman, Charles O.....	Atkins block, Main st., Worcester, N. Y.....	Ap 09
Watson, Joseph Calhoun.....	265 W. 153d st., N. Y. C.....	Ap 09
Watts, Herbert C.....	210 S. Warren st., Syracuse, N. Y.....	D 08
Weber, William.....	361 E. 138th st., N. Y. C.....	Ap 09
Weeks, William James.....	142 Glenwood av., Buffalo, N. Y.....	Ja 09
Weidman, Edward George.....	150 Main st., Dansville, N. Y.....	D 08
Weiner, Alphonse.....	2827 3d av., N. Y. C.....	Ap 09
Weinert, Paul Richard Fritz.....	369 E. 155th st., N. Y. C.....	Ap 09
Weinstein, Abraham.....	777 Wendover av., N. Y. C.....	Ap 09
Weinstein, Mortimer.....	77 E. 96th st., N. Y. C.....	Ap 09
Weisberg, Samuel.....	1111 Almond st., Syracuse, N. Y.....	Ap 09
Weiss, Max.....	1168 2d av., N. Y. C.....	Ap 09
Weissman, Louis.....	308 Broome st., N. Y. C.....	Je 09
Wells, Frank L.....	Sackets Harbor, N. Y.....	Ap 09
Wemett, Floyd J.....	Livonia, N. Y.....	Ja 09
Wendell, Charles.....	5 Grant block, Oswego, N. Y.....	Je 09
Wendell, James Gilbert.....	Cor. West Bridge & 1st st., Oswego, N. Y.....	Ap 09
Wenzel, Alfred William.....	143 Fulton st., N. Y. C.....	D 08
Weasels, Alfred D.....	178 Clinton av., Albany, N. Y.....	D 08
West, Charles Henry.....	76 E. Main st., Amsterdam, N. Y.....	Ap 09
West, Grant M.....	75 Lake st., Owego, N. Y.....	Ap 09
Westby, Frederick Joseph.....	1632 Main st., Buffalo, N. Y.....	Ja 09
Wetherby, William Henry Seward.....	Clyde, N. Y.....	D 08
Wetton, Charles James.....	68 Central av., Albany, N. Y.....	Je 09
Wheeler, Edward Luther.....	Mannsville, N. Y.....	D 08
Wheeler, George Alfred.....	Malone, N. Y.....	Ja 09
White, William H.....	532 Main st., Buffalo, N. Y.....	Ja 09
Whiting, Archie C.....	124 Wolf st., Syracuse, N. Y.....	Ja 09
Whitney, Dennis Abner.....	Holland, Erie co., N. Y.....	Ap 09
Whitney, Harry D.....	Union, N. Y.....	Ja 09
Wholton, George.....	558 Swan st., Buffalo, N. Y.....	Ap 09
Wickman, Julius.....	29 Jamaica av., Brooklyn, N. Y.....	Ap 09
Wideman, Otto Michael.....	1 Carl st., Rochester, N. Y.....	Ap 09
Widrovitz, Semil.....	174 Palisade av., Yonkers, N. Y.....	Ap 09
Wiggins, J. Dillaye.....	Main st., Trumansburg, N. Y.....	Ap 09
Wilcox, Dey E.....	200 E. Main st., Batavia, N. Y.....	Ja 09
Wilcox, Edwin.....	22 S. First st., Fulton, N. Y.....	D 08
Wilcox, Frederick B.....	Hunter, N. Y.....	Ap 09
Wilcox, Hiram Bogardus.....	280 Main st., Catskill, N. Y.....	D 08
Wüday, John Henry.....	The Berlin Dep't Store, Broadway, Brooklyn, N. Y.....	Ap 09
Wilderman, Pauline.....	35 Broome st., N. Y. C.....	Ja 09
Wildman, Joseph Melvin.....	483 Main st., Buffalo, N. Y.....	Ja 09
Willenbacher, William.....	Center Moriches, L. I., N. Y.....	Ap 09
Williams, Frank J.....	3 Main st., Adams, N. Y.....	Ja 09
Williams, Henry A.....	119 N. James st., Rome, N. Y.....	Ja 09
Williams, James Henry.....	137 Remsen st., Cohoes, N. Y.....	Ja 09
Williams, Roger F.....	453 Main st., Buffalo, N. Y.....	Ja 09
Wilson, Frank G.....	101 E. State st., Ithaca, N. Y.....	Ja 09
Wilson, John Whiting.....	Morris, N. Y.....	Ap 09
Wilson, Silas P.....	Saranac, N. Y.....	Ap 09
Wilson, William B.....	30 N. Terrace av., Mt Vernon, N. Y.....	M 09
Wimpelberg, Benjamin.....	253 W. 39th st., N. Y. C.....	Ap 09
Winchester, Henry E.....	30 W. Main st., Fredonia, N. Y.....	Ap 09
Winkelman, William Ely.....	512 W. 148th st., N. Y. C.....	Ap 09
Winkelstein, Jacob L.....	738 Harrison st., Syracuse, N. Y.....	D 08
Winkelstein, Levi.....	340 S. Salina st., Syracuse, N. Y.....	D 08
Winters, William C.....	31 Chestnut st., Lockport, N. Y.....	Ap 09
Winterstein, Bernard John.....	116 W. 111th st., N. Y. C.....	Ja 09
Wiseman, Eugene Gilbert.....	617 Main st., Buffalo, N. Y.....	Ja 09
Wock, Charles Gremes.....	Main st., Dolgeville, N. Y.....	Ap 09
Wolfer, Emily E.....	6th av. & 23d st., N. Y. C., care Ehrich Bros.....	Ap 09
Wolk, Lasar.....	1716 Pitkin av., Brooklyn, N. Y.....	Je 09
Woll, Frederic Albert.....	1013 Home st., N. Y. C.....	Ja 09
Wollner, Barney Raymond.....	232 E. 82d st., N. Y. C.....	Ap 09
Wood, Harold G.....	103 Warburton av., Yonkers, N. Y.....	Ja 09
Wood, Ralph Leonard.....	Ionia, N. Y.....	D 08
Woodruff, Alvin Le Roy.....	Port Henry, N. Y.....	D 08
Woodruff, Joseph Kenneth.....	1006 Broadway, Brooklyn, N. Y.....	Ap 09
Woodworth, Fred.....	Lodi, Seneca co., N. Y.....	Ja 09
Wolf, Max Herman.....	203 W. 125th st., N. Y. C.....	D 08
Wolf, Daniel.....	25 Maiden Lane, N. Y. C.....	Ap 09
Wolf, Michael.....	25 Maiden Lane, N. Y. C.....	Ja 09
Wooster, James E.....	Greenville, N. Y.....	Ap 09

Certificates to practise optometry were issued to the following Aug. 1, 1908-July 31, 1909 under laws 1908, chapter 460 (Public Health Law 1909, ch. 49) (concluded)

NAME	ADDRESS	Date of certificate
Worden, Charles William	114 Peterboro st., Canastota, N. Y.	Ap 09
Worden, William E.	N. Hornell st., Canistota, N. Y.	Ja 09
Woronov, Harry J.	727 Grand st., Brooklyn, N. Y.	JI 09
Worth, Joseph R.	Sea Cliff, Long Island, N. Y.	Ap 09
Wortis, Harry	242 Grand st., Brooklyn, N. Y.	Ap 09
Wray, Garrett Francis	West Granville Corners, N. Y.	Je 09
Wright, Harrie Mason	Patterson, Putnam co., N. Y.	Ja 09
Wright, Olin Hanford	207 E. State st., Ithaca, N. Y.	D 08
Wright, William Gordon	Patterson, Putnam co., N. Y.	Ap 09
Wrisley, Arthur R.	72 Pike st., Port Jervis, N. Y.	Ap 09
Wronker, Louis J.	299 Broadway, Brooklyn, N. Y.	D 08
Yanas, Richard	88 Cornelia st., Brooklyn, N. Y., care O. P. Rental	Ap 09
Yanas, William Fred	307 4th av., N. Y. C.	Ja 09
Yarrow, Arthur Radwell	37 Hausman st., Brooklyn, N. Y.	D 08
Yates, William	Main st., Cold Spring, N. Y.	Ap 09
York, Richard M.	95 Main st., Gouverneur, St Lawrence co., N. Y.	Ja 09
Young, Walter Stanley	18 Genesee st., Jamestown, N. Y.	M 09
Yoxall, Frank	1144 3d av., N. Y. C.	Ja 09
Yoxall, Thoma	1144 3d av., N. Y. C.	Ja 09
Zadek, Felix	51 Maiden Lane, N. Y. C.	Ap 09
Zadek, Max	51 Maiden Lane, N. Y. C.	Ap 09
Zeigler, Charles J.	Main & Cuyler st., Palmyra, N. Y.	D 08
Zeitlin, Benjamin	281 Flatbush av., Brooklyn, N. Y.	Ap 09
Zeitlin, Martin	255 Hamilton av., Brooklyn, N. Y.	Ap 09
Zeitlin, Samuel	281 Flatbush av., Brooklyn, N. Y.	Ap 09
Zilliox, Albert	413 William st., Buffalo, N. Y.	Ap 09
Zimmes, William John	45 Orchard st., Tarrytown, N. Y.	Ap 09
Zimmermann, William	237 Mortimer st., Buffalo, N. Y.	Je 09
Zimmet, Emanuel	133 Avenue D, N. Y. C.	D 08
Zimmet, Millie	159 E. Broadway, N. Y. C., care Mendelson	Mr 09
Zinner, Martin	119 E. 127th st., N. Y. C.	Ap 09
Zornaw, Charles	33 Lefferts pl., Brooklyn, N. Y.	D 08

Business credentials

Binghamton High School
State stenographers certificate
 Hiller, Ina E.

Christian Brothers Academic School, Syracuse
State stenographers certificate
 Kotz, Leonard C. A.

Franklin Academy, Malone
State business diploma

Donohoe, Lealie J.
 Meeker, Jay E.

Northridge, Harry T.

Heffley School, Brooklyn
State business certificate
 Ball, William E.

Lowell School of Business, Binghamton
State business diploma
 Howard, Frank G.

State business certificate
 Cornell, Clyde M.

Mount Vernon Commercial School
State stenographers certificate
 Sommer, Erwin Clarence

Neale, Annie Ida

New York city
State business certificate
 Greendlinger, Leo

Duffy, Francis J.
 Elias, Louis J.
 Furniss, Clinton C.

State stenographers certificate
 Hovorka, John
 Park, Archibald S.
 Uswald, Sarah

Davis, Edward A.
 Eisheimer, Ruth E.
 Simons, Isabel Helen

Niagara Falls High School
State business diploma
 Switzer, Isabel L.
 Wylie, Mary Boyd

St Joseph's Academy, Albany
State stenographers diploma
 Conway, Helen

Cahill, John M.
 Cantwell, John B.
 Giblin, Joseph

State stenographers certificate
 Sammon, Michael L.
 Sheridan, James

Business credentials (concluded)

- Holden, Alice C.
- Bryan, Kathryn V.
Cassidy, Josephine C.
Clarke, Mary Veronica J.
Concrah, Nora V.
Creighton, Dolores J.
Donlon, Elizabeth
Flanagan, Margaret A.
- Campbell, Margaret
Dalton, Kathryn R.
Flanagan, Margaret A.
Hynes, Julia F.
McAllister, Mary C.
- Conlin, Henry J.
Mulroy, John R.
- Gilligan, S. Pauline
- Dick, Frederick Christian
Nelson, Minnie Sophie
- St Joseph's Academy, Troy
State stenographers certificate
O'Connor, Anna
- St Joseph's Commercial Academy, Brooklyn
State business certificate
Huntington, Catherine E.
McCormack, Elizabeth C.
McEachern, Mary C. G.
O'Donnell, Josephine A.
Shannon, Sarah E.
Toomey, Nora E.
- State stenographers certificate*
McCormack, Elizabeth C.
McGivney, Catharine
McQuade, Elizabeth L.
Sheeran, Jane Rita
- St Mary's Academy, Glens Falls
State business diploma
Skiddy, Lawrence J.
- State stenographers diploma*
Foley, Lawrence C.
- St Patrick's Academy, Catskill
State stenographers diploma
Seel, Julia E.
- St Peter's Academy, Troy
State stenographers certificate
Madigan, Irene
- Yonkers High School
State stenographers certificate
Ott, Elsie Elizabeth
Varian, Elsie
- Young Men's Christian Association, Brooklyn
State business certificate
Kretzer, Carl Louis

DEPARTMENT ACTIVITIES

During the year syllabuses on higher education have been revised or were in process of preparation.

It may not be out of place at this point to formally record the purpose and historical growth of the syllabuses which are an educational feature of the American system.

Syllabus. The meaning of the word *syllabus* needs to be more clearly understood. The dictionaries make the word a synonym of compendium, abstract, epitome, brief. It is more than this. It is a concise statement of a scheme of study prepared to indicate the general scope and character of the instruction to be given by the teacher and the work to be done by the students. It outlines the essentials of each subject, the approved principles of teaching to be observed and minimizes the embarrassment of students in examinations arising from defective instruction, discursive study or the use of inferior textbooks. The scheme is sufficiently detailed to act as a guide for the teacher in giving proper instruction in the various subjects and to the board of examiners in testing the same. In short, the plan and scope of the syllabus contemplates an outline that shall serve as a rational ground for instruction in the schools and shall afford permanent and scientific tests for admission to professional practice.

The first suggestions of a syllabus for elementary and secondary schools in the State of New York appeared in Regents actions as early as 1828. In 1880, it is "a summary of requirements." The syllabus of 1891 affected 504 secondary schools of the State with 50,000 students, passed through 10 editions and established the five year syllabus period.

The *Course of Study and Syllabus for the College Graduate Professional Certificate and for the Renewal of the College Graduate Certificate Limited*, prepared for the Education Department under the advice and cooperation of a committee appointed at a conference of the colleges and universities of the State, was reprinted as Department Bulletin 444. The course of study prescribed under the authority of special statute for teachers training departments in colleges and universities and the successful completion of the course entitle a student to a college graduate professional certificate. The course is based on the condition that the student shall be in good and regular standing for the B.A., B.S. or Ph.B. degree.

The syllabus is made to assist students in meeting the requirements for two grades of certificates [*see* Bulletin 444, p. 4].

The *Course of Study and Syllabus for Guidance of Nurse Training Schools* in preparing their students for examination before the State board was revised and reprinted as Department Bulletin 441. This syllabus, intended for the guidance of nurse training schools in the preparation of students for Regents examinations as provided in the nurse practice act of 1903, was issued in 1905. It attained a very wide influence throughout the United States in the developing and systematizing of the nurse training schools. The revision was made by the Advisory Council of Nurse Training Schools, the State Board of Nurse Examiners and the Department.

The *Pharmaceutical Syllabus*, begun by a committee representing the State Board of Pharmacy, the Pharmacy Council and the Department in 1906, is practically completed and will probably be recommended to the State board for adoption at its January meeting. The work of this committee, soon after its inception, took on a national character and marked in this particular another step of educational advancement. For the first time, a syllabus takes on national character to become operative in professional schools of the United States.

The State Board of Medical Examiners is engaged in a revision of the *Medical Syllabus* and a representative of the State is cooperating with a committee of the American Association of Medical Colleges in an effort to perfect a syllabus of national character.

INSPECTIONS

The Education Law and the Regents Revised Rules adopted in conformity with it and other professional education laws provide for the visitation, examination and inspection of the condition and operation of every institution and department in the University. For refusal or continued neglect on the part of any institution in the University to make the required annual report or for violation of any law, the Regents may suspend the charter or any of the rights and privileges of such institution. Individuals, associations or corporations may not confer degrees or transact business under or in any way assume the name of university or college. No person shall buy, sell, or fraudulently or illegally make or alter, give, issue or obtain any diploma, certificate or other instrument purporting to confer any literary, scientific, professional or other degree, or to constitute any license, or to certify to the completion in whole or in part of any course of study in any university, college, academy or other educational institution. This protection of the higher educational institutions, accredited colleges, diplomas and degrees calls for and imposes a task on the Inspections Division, which is shown by the report of one inspector during the year who devoted about 85 days work to such investigations in New York city alone. As a result of investigations, eight arrests were made, six professional certificates were revoked, and action is pending in five other cases. As a result of the arrests, four convictions were obtained, one case is pending and another has been appealed. The fines imposed were from \$50 to \$500. One, who pleaded guilty in the court, was sentenced to a year in the penitentiary. These offenses have comprised two lines of frauds — impersonation in the examinations and indirection connected with papers written by candidates in examinations.

It should be said that the policy of the Regents and the Department has been consistent for many years in declining to give publicity to the methods of fraud attempted that have come to their attention. No lists of the known diploma mills have been published. The attention of the public has not been drawn to fraudulent degrees on the theory that such information would appeal to immature minds and result in more harm than good.

National educational literature shows a continuation of the discussion of the importance of the personal inspection of higher institutions of learning, and several states are following New York's lead as shown above. Inspections of institutions apply-

ing for incorporation and for registration have gone forward steadily in the State and inspections of higher institutions have been made as occasion demanded.

REGISTRATION

In harmony with their revised rules the Regents have during the year registered on the recommendation of the Department, under section 401, 5 colleges or universities as approved institutions conforming to the definition of a *college* contained in section 24, the number registered now being 50;

Under section 402, 5 approved colleges, maintaining a satisfactory standing for one full year of medicine, the whole number registered being 6;

Under section 403, 23 colleges or universities as meeting the order of the Court of Appeals for the admission of attorneys and counselors at law, the number registered at present being 130;

Under section 404, 4 institutions maintaining lower requirements than those enumerated in section 401, and not coming under the meaning of section 402 and 403, the entire number registered being 4;

Under section 406, 1 school of theology, the number now registered being 8;

Under section 407, 1 school of law, the whole number registered being 26;

Under section 408, 4 schools of education, as maintaining approved course in education or extension courses leading to degrees in pedagogy, or in teachers training courses, the present number registered being 25;

Under section 409, 9 schools of medicine as maintaining proper medical standard and as legally incorporated, the number registered being 92;

Under section 410, 3 schools of dentistry as maintaining the proper educational standard and legally incorporated, the number registered being 27;

Under section 411, no schools of pharmacy, the number registered remaining at 33;

Under section 412, 1 school of veterinary medicine or college maintaining a satisfactory standing for one or more full years of veterinary medicine, the number registered now being 8;

Under chapter XII, 25 training schools for nurses, the number registered being 266;

Under section 413, 3 schools of optometry, the number registered being 3.

The Board rescinded the registration of 1 school of medicine and 1 school of dentistry.

The Department accredited schools of medicine, dentistry, pharmacy, veterinary medicine and nurse training for one or more years of professional work for admission on advanced standing in registered schools, when the applicant met the general preliminary education required by the New York statutes.

These lists of registered and accredited schools appear in the several professional handbooks issued by the Department for the convenience of students applying for admission to the professional schools of the State and to lighten the task of correspondence imposed on the Department by the professional statutes.

The year's record brought together for convenience in handbook form will be found in the Regents record under other title. A new handbook giving the list of the colleges and universities registered by the Regents under sections 401 and 404 is in process of preparation.

EXAMINATIONS

In connection with the professional examinations conducted by the Department there was some discussion in educational journals touching "the possibilities for fraud that have so frequently been exposed in connection with Regents examinations." As readers of such articles may not have discriminated between Regents examinations which are (a) academic—testing the scholarship of secondary students in the interest of higher institutions and (b) professional—testing the scholarship of higher students in the interest of the general public; the latter giving the right to enter on professional practice, e.g. medicine; the former to enter a professional school, e.g. law, it may not be out of place to call attention to the possibilities of fraud in connection with Regents examinations and the assumption of their frequency. Reference has been made under "Inspection" to certain cases of fraud exposed in connection with the professional examinations.

Academic examinations in one year were held in 2147 places in this State; involved 291,000 different question papers; tested

the ability of 77,700 secondary students and called for 233,000 answer papers, but these numbers do not increase the possibility of fraud, they lessen it by creating a trained, experienced and permanent force of examiners and by more accurate rules safeguarding admission, proctoring and making returns.

It should be said that the exposures have come from within, not from without; that such provisions as establishing the identity of candidates by photograph and signature have grown out of the experience of the Department; that the statutes and the rules make counterfeiting etc. a felony and false impersonation a misdemeanor. The Regents experience in prosecutions for violations under the University Law is a most interesting chapter which is closed to publication under the Department policy, but the entire force of the Inspections Division is available in the safeguarding of Regents academic or professional examinations.

Under statutes governing the professions the Department in conformity with Regents rules passed on the academic standing of students applying for admission to the professional schools of the State and to the professional licensing examinations which are generally accepted by the professional schools as sufficient for admission though in some cases higher local requirements are exacted. The evidence of such academic education as is required by law or Regents rule for admission to the professional and technical schools and to the examinations for certified public accountant appears in a certificate called a *qualifying certificate*. Under this rule the Department issued during the year 856 qualifying certificates for admission to law schools; 868 for admission to medical schools; 266 for admission to dental schools; 435 for admission to pharmacy schools; 58 for admission to schools of veterinary medicine; 4 for admission to optometry schools; 2 for admission to nurse training schools; 423 for admission to the certified public accountant examinations and for other general purposes; 36 business credentials (16 diplomas, 20 certificates).

These certificates were based on records made in Regents examinations in recognized secondary or higher institutions, or on both examinations and attendance.

Formal written examinations of candidates applying for admission to the professional practice in the State were held four times during the year at convenient places.

The State Board of Law Examiners examined for admission to the bar and the State Board of Pharmacy for the druggist and pharmacist licenses; the Education Department for teaching, medicine, dentistry, veterinary medicine, osteopathy, optometry, and certified public accountancy, and for the certificate of registered nurse. Examinations were held in the State Library School as a basis for degrees in library science which are conferred by the Regents.

The following table gives the number of examinations held, and the number of candidates examined, passed, rejected or honored, as far as statistics are available.

The abbreviation "par." refers to the number of candidates taking the partial medical examinations which are included in the following item. In the library column "jr" refers to junior and "sr" to senior students.

Professional examinations of the academic year 1909

	Law	Ed.	Med.	Dent.	Phar.	Vet. med.	Nurse training	Opt.	Lib.	C. P. A.
No. of exam.....		2	4	4	15	4	2	3	13 jr 10 sr	2
No. of candidates examined.....	1 560	101	283 par. 980	180	468	32	628	29	24 jr 6 sr	112
No. passed.....	984	58	254 par. 817	145	366	30	561	21	22 jr 3 sr	48
No. rejected.....	576		29 par. 143	35	102	2	67	8	2 jr 1 sr	64
No. honors.....			11	8			25		40 jr 38 sr	1

Professional students Aug. 1, 1908-Aug. 1, 1909

Law student certificates issued.....	856	Per cent issued on exams.	
" on examination.....	355		
" on equivalents.....	279		
" on partial equivalents.....	222		
Per cent law student certificates issued on equivalents.....	32.5		41.4
on partial equivalents.....	25.9		
General qualifying (academic equivalent) certificates issued.....	423		
" on exams.....	92		
" on equiv.....	181		
" on part. equiv.....	150		
Per cent academic equivalent certificates issued on equivalents.....	42.7		21.7
on partial equivalents.....	35.4		
Medical student certificates issued.....	867		
" on examination.....	243		
" on equivalents.....	436		
" on partial equivalents.....	188		

women, a total of 3937. Of the 4194 degrees conferred in 1909, 1637 were given by professional schools divided as follows: theology 54; law 626; education 161; medicine 430; dentistry 130; pharmacy 206; veterinary medicine 30. The honorary degrees conferred this year numbered 123 as against 94 in 1908, and 100 in 1907.

The total amount of property including investments reported by higher institutions is \$122,067,009, an increase of \$5,472,822 over that reported for 1908. Their receipts were \$19,178,377, an increase of \$5,730,716 over the preceding year; their expenditures were \$16,456,213, an increase of \$4,162,767 over the preceding year.

The salary list for higher institutions excluding special schools is \$4,817,676, an increase of \$764,773 over the amount expended last year.

The statistics of foreign institutions chartered by the Regents were given in full in the last annual report for a five year period and are omitted from this year's report.

COLLEGES AND UNIVERSITIES

Perhaps the most noteworthy item of interest to colleges and universities for the past year was the conference of representatives of various associations of colleges and preparatory schools and other similar bodies held in New York at the office of the Carnegie Foundation which resulted in a permanent organization with officers and constitution. Its name is *The National Conference Committee on Standards of Colleges and Secondary Schools*: its object, to consider standards of admission, matters of common interest to universities, colleges and secondary schools and such other questions as may be referred to it. The committee is composed of delegates from the following organizations: *The New England Association of Colleges and Preparatory Schools, The New England College Entrance Certificate Board, The Association of Colleges and Preparatory Schools of the Middle States and Maryland, The College Entrance Examination Board, The North Central Association of Colleges and Secondary Schools, The Association of Colleges and Preparatory Schools of the Southern States, The National Association of State Universities, The Carnegie Foundation for the Advancement of Teaching* and such other organizations as may be elected to membership.

A most interesting article was discussed at the second session of the *Association of Colleges and Preparatory Schools*, November 27, entitled "Some Famous English Schools" by Dr James H. Canfield, Columbia University.

At the fourth session a report of the *committee on college entrance certificate board* was presented and adopted which definitely establishes a college entrance certificate board for the Middle States and Maryland. A *committee on college entrance requirements* presented four resolutions which were adopted and the committee continued to complete its work.

1 The amount of work that may be demanded for admission to college is measured by what can be done in an efficient four year high school course.

2 Better results would be secured in preparation for college if the same amount of work was concentrated upon fewer subjects.

3 The minor differences now existing between colleges in the matter of entrance requirements are detrimental to the best interests of education and should be eliminated.

4 Criticisms on special subjects are serious enough to call for the careful reconsideration of such requirements by properly constituted committees.

The *Official report* of the 23d annual meeting of the *New England Association of Colleges and Preparatory Schools* held at Boston, Mass., October 9-10, 1908 contains important discussions on college entrance requirements and the report of the members of the *College Entrance Examination Board*.

North Central Association of Colleges and Secondary Schools. The extent of the influence of this association is shown by the list of institutions in its membership to say nothing of its 53 individual members. In 1908 its list of members included 27 secondary and higher institutions of Ohio; 9 of Michigan; 9 of Indiana; 41 of Illinois; 10 of Wisconsin; 5 of Minnesota; 10 of Iowa; 10 of Missouri; 2 of Nebraska; 3 of Kansas; 3 of Colorado; 1 of Oklahoma; 4 of South Dakota; 1 of North Dakota; a total of 135. Further reference to the work of this important association appears under the title of "Professional schools."

The activities of the State appear in the proceedings of the 24th annual meeting of the *Associated Academic Principals*, the 63d annual meeting of the *New York State Teachers Association*, including the 4th annual meeting of the *Classical Teachers Association*, all held in Syracuse, N. Y., December 28-30, 1908.

The report of the *Special Committee on Present Courses of Study* states that "it is generally agreed that our high school course is overloaded and that this condition is due more to the college entrance requirements than anything else. We have been compelled to include rather more than there is time for and our work has suffered in quality." The committee believed that the revision of the elementary course to cover six instead of eight years and the consequent rearrangement of the work of the seventh and eighth years will afford the needed opportunity to lighten the burden now borne by the high school pupil. "The average student should be able to earn an academic diploma without undue strain after 12 years in school. It is doubted if he can do this under the present plan."

A committee on syllabus revision for the syllabus period 1910-15 was appointed to take into consideration for recommendation to the Department any desired changes in the syllabus.

New Colleges of the State. Brooklyn College, Brooklyn, N. Y. was granted a provisional charter in June 1908 and the first college year began with the fall of 1909. D'Youville College, Buffalo, N. Y. was opened for instruction in the fall of 1908.

Reference has already been made to the *Conference of Presidents of Colleges and Universities* which met for the purpose of discussing the combined course for the B.A. and M.D. degrees.

College entrance certificates. The Regents at their meeting October 1907 determined upon the issuance of a certificate based upon high standards in their academic examinations which would be adequate for admission to college and university. This became practically necessary by reason of the numbers going from the public academies and high schools to the colleges who were dependent for admission upon an examination held by voluntary association of the colleges and universities. The success of this movement depended upon the number of colleges and universities that would accept the college entrance certificates. The responses from the colleges and universities were extremely cordial and the Commissioner reported to the Regents at the June meeting, 1909 that 39 colleges and universities had expressed their willingness to accept these credentials for admission. A list of the institutions is given in the *Journal of the Regents*.

Summaries. In 1909 there were in New York State 4508 students in colleges for men; 2901 in colleges for women; 3450 in colleges for men and women; and 1607 in graduate departments.

In 1908 the 30 colleges of liberal arts and three graduate departments employed (including duplicates) 1627 officers of instruction

for 11,726 students; in 1909 the 32 colleges of liberal arts and three graduate departments employed (including duplicates) 1677 officers of instruction for 12,466 students. In 1908 first degrees were conferred on 1556 persons, higher degrees from graduate departments on 391. In 1909 first degrees were conferred on 1790 persons, higher degrees from graduate departments on 420.

In comparison with 1908 the liberal arts colleges and graduate departments of the State show 2 more institutions, 50 more officers of instruction, 740 more students, 234 more first degrees conferred and 29 more higher degrees from graduate departments.

PROFESSIONAL SCHOOLS

Possibly the most striking movement in professional education was the entrance of the *Carnegie Foundation* on the field of study presented by the problems of the medical schools. In an article entitled "Standards of Medical Education" President Pritchett says, "The Carnegie Foundation for the Advancement of Teaching has undertaken to make a detailed study of the present status of medical education. In order to accomplish this it is inspecting with care every medical school in this country and in Canada." Why so many different interests are attempting to solve these problems is a matter of wonder unless the marked activity of this profession and the rapid advance of professional requirements in the United States provoke them.

The *American Academy of Medicine* was earnestly discussing these problems and exerting a wide influence when the *American Association of Medical Colleges* entered on the task of securing concerted action and higher requirements for admission.

Then the *American Medical Association* apparently aroused by the activity of one of its parts rushed into the field and with more enthusiasm than discretion favored requirements that none but the strongest institutions years hence, if ever, can meet.

Other medical bodies assuming that the council's recommendations were facts, urged additional reforms till, if one might believe the catalogues, the requirements for entrance on the practice of medicine were at least two years of college and four years of medical preparation.

If nothing more positive results from the Foundation's study its plea "that an honest enforcement of the standards adopted is a far greater contribution to medical education than the adoption of high standards which are not enforced," will justify its activity. "While

the last 20 years have seen a great improvement in the standards of medical education there is still much to be desired in this matter in the medical schools of the United States. We have at the present time nearly as many medical schools in this country as exist in all the rest of the civilized world. Most of these institutions are commercial in character and are practically forced to keep low standards in order to live."

Addressing the American Association of Medical Colleges, President Pritchett says:

Your association accepts at the present time as its standard for admission to the medical school the completion of a four year high school course. You will do far wiser and you will serve medical education far better if you will enforce this standard, than to adopt a higher standard which you can not enforce. . . . I am equally well aware that most of the colleges of your association do not strictly enforce your present requirements. . . . Let me urge you, therefore, first to enforce strictly the standard now adopted before adopting on paper a standard which you will find for some years to come impossible. To do any other thing is to cultivate insincerity and superficiality, of which we have already had too much.

In this whole matter the colleges and the physicians and the officers of the law who are to deal with the legal requirements for admission to practice need to turn their faces toward common honesty and sincerity and to further the real interests of medicine and the real interests of the public, and these lie along the same road.

Professor Carpenter discussing the combined course before the same association claims that "men who follow the professions of medicine or of law . . . must have at this time, in this day and generation, a much more liberal and general training than is offered by the secondary school. That is an obsolete condition. It does not give us enough. . . . It is too little to base your standard of professional education simply on graduation from a secondary school. . . . The only other alternative then, if this is rejected, is to make all students who enter on the medical course necessarily graduates of a college or a scientific school with a baccalaureate degree. . . . The baccalaureat  degree of the American college as a general proposition does not mean anything at all. You can not possibly make a definition of the baccalaureate degree of the American college that will hold water. It would be an extremely good thing, if we had a baccalaureate degree that meant something

every time it was bestowed that could be defined and understood . . . Very frequently the American bachelor's degree does not mean any more or possibly not as much as the entrance requirements to the good colleges of the country."

Secretary Zapffe, in an article entitled "The present status of medical education" states, "We need more time for teaching because the future doctor must learn more than did his predecessors. Shall we require two years of college work for admission to the medical school and unload into these two years some of the work now done in the medical school . . . or shall we adhere to the present high school requirement and lengthen the medical course and give either time or subject credit for certain work that may have been done in a recognized literary college?"

In a leading article of the *Bulletin of the American Academy of Medicine* the editor discusses most interestingly "The unscientific use of the imagination," and applies his friendly criticism to some of the above quotations.

The Commissioner of Education in his address before Convocation, October 1909, says:

We have all the colleges, universities and professional schools that even our great population of nine millions of people needs. We have got in the way of making exactions, not only upon students who want to enter the universities, but also upon those who want to begin professional study, as well as upon those who have completed professional courses and apply for admission to the professions. We have a very complete scheme covering this whole matter, established in law and in practice. But it must be said that we have colleges, universities, and professional schools that connive with students to avoid the requirements. We are admitting far more candidates to the learned professions than is good for the students, the professions, or the people of the State. We do not need to advance requirements so much — although I suspect that the Court of Appeals might well give fresh consideration to the requirements for admission, and the details of the examinations for admission to the bar — as we need to see that we get what we assume to require.

The agreement with the state of New Jersey referred to in former reports has remained in force during the year to the advantage of both states. The harmonious relations of former years have prevailed and greater confidence in the experiment has resulted during its progress. Under the terms of this agreement the New Jersey state educational authorities stand for the general preliminary educa-

tion requirements of students from the state of New Jersey for admission to the professional schools and professional licensing examinations of the state of New York. The Education Department of the state of New York certifies to the standing of New York students for admission to the professional schools and licensing examinations of New Jersey, the two states being in accord touching the credentials of students from all other states and countries. Licenses earned on examinations before the medical and dental boards of each state are indorsed without examinations as licenses to practise in the other state. The state teachers examinations of New Jersey and the Regents academic examination of New York are recognized toward the general preliminary education required by either state.

The agreement to indorse the dental licenses of Pennsylvania ceased with the examinations of June 1908 inasmuch as the Pennsylvania Dental Board decided that they could not exact the New York minimum requirement for admission. The agreement entered into with the deans of the Pennsylvania dental schools terminated at the same time from the action of the deans of the dental schools in declining to require the minimum statutory requirement for admission.

New York state at the close of the year was by formal Regents action in agreement with Delaware, Michigan, New Jersey, Ohio and Vermont to indorse the medical licenses of these states earned on examination, without further examination. Agreements with Utah, Indiana and Wisconsin received Regents action at the October meeting, 1909 and negotiations are in progress with other states.

In 1899 bulletins showing the requirements for admission to professional practice in the United States were published by the Regents and a decade's experience in legislation affecting admission to the practice of the professions in the United States becomes possible.

Such comparison may very properly be introduced by a quotation from an article that appeared in the *Druggist Circular*, February 1909 by Dr W. G. Gregory, chairman of the National Committee, outlining a minimum course of study and a syllabus for the guidance of pharmacy schools in their preparation of students for admission to the boards' licensing examinations.

One of the principal functions of a board of pharmacy is to determine the fitness of applicants for the responsibilities of supplying the public with drugs and medicines. Nearly the

sole function of a college of pharmacy is to fit its students to assume such responsibilities. The colleges were first in the field and for many years their decision as to the fitness of their students, evidenced by diplomas, was final. Then the states began to think that they themselves ought to decide as to the fitness of those permitted to furnish drugs and medicine. To do this boards of pharmacy were created, so there are now these two groups of institutions—one to train pharmacists and the other to test such training.

Doubtless the colleges have a tendency to become too scientific and the influence of the boards is needed to secure the practical in the syllabi of the schools. Where then can a more effective measure of cooperation be found than in their effort to mutually engage in the preparation of a national syllabus that will give expression to the views of the boards as to the subjects and their relative importance in which examinees should be trained and will show the limits which the colleges believe should mark a minimum pharmaceutical education?

President James of the University of Illinois says:

State boards of health, for example, are in an ever larger number of states receiving authority to determine the condition upon which a license to practise medicine shall be granted. One of the common conditions is that the candidate shall have graduated from a reputable medical school. As soon as such a public regulation is adopted it becomes necessary to determine what a reputable school is; hence arises not merely the question as to the length of course, quality of instruction, character of equipment, etc., but also as to the requisites for admission to said medical school. More and more of our boards of health are requiring that the candidates for admission to the medical school shall have completed the curriculum of a standardized public high school. Hence arises the question immediately, what is a standardized public high school? And the medical boards in the northern states are more commonly requiring graduation from the high school with a four year curriculum following the ordinary eight grades of the elementary school. It will thus be seen that in this process of determining the qualifications of the candidates who desire to practise medicine nearly all of the important questions of standardization are raised.

These quotations from such authority may well direct the thought of the reader as he ponders the decade's growth in statutory requirements for admission to professional practice in the United States found in the respective subdivisions of professional schools—law, medicine, dentistry, pharmacy, veterinary medicine, certified public accountancy, optometry and nurse registration.

Meanwhile an insert from the Bureau of Education's Report, table 80, represents the growth of professional students over a period covering more than a generation.

Comparative statistics of professional schools in the United States

	1908	1905	1900	1895	1890	1885	1880	1875	1870
Theology									
Schools...	156	156	154	149	145	152	142	123	80
Students..	9 583	7 411	8 009	8 050	7 013	5 775	5 242	5 234	3 254
Graduates.	1 644	1 518	1 773	1 598	1 372	790	719	782	.....
Law									
Schools...	108	96	96	72	54	49	48	43	28
Students..	18 069	14 714	12 516	8 950	4 518	2 744	3 134	2 677	1 653
Graduates.	3 999	3 435	3 241	2 717	1 424	744	1 089	823	.....
Medicine									
Schools...	149	148	151	151	129	113	90	80	.....
Students..	22 787	25 835	25 213	21 354	15 484	11 929	8 580	6 194	.....
Graduates.	4 802	5 544	5 219	4 827	4 556	3 622	3 241	2 391	.....
Dentistry									
Schools...	55	54	54	45	27	18	16	12	.....
Students..	6 519	7 149	7 928	5 347	2 696	1 116	730	469	257
Graduates.	2 037	2 612	2 029	1 298	943	458	266	151	.....
Pharmacy									
Schools...	75	67	53	39	30	21	14	14	.....
Students..	5 567	4 944	4 042	3 859	2 871	1 746	1 347	922	512
Graduates.	1 529	1 518	1 130	1 067	759	396	186	208	.....
Vet. medicine									
Schools...	15	12	13	9	7	.....	.....	.....	.....
Students..	2 239	1 269	362	474	463	.....	.....	.....	.....
Graduates.	510	298	100	.....	.....	.....	.....	.....	.....

The decade's experience in the professional schools of the United States. The statistics of 1908 compared with the same for 1898 show the increase or decrease for a decade from which it appears that in 1908 there were 15 per cent more students in schools of theology than in 1898; 53 per cent more in schools of law; 5 per cent less in schools of medicine; 10 per cent less in schools of dentistry; 58 per cent more in schools of pharmacy; and over 500 per cent more in schools of veterinary medicine.

The number of schools of theology in the United States decreased during the decade 1898-1908, 5.5 per cent, an average annual decrease of one school; the students in theology, how-

ever, increased 15 per cent, an average annual increase of 127; the graduates decreased 2.9 per cent, an average annual decrease of 5.

The number of schools of law increased 25.6 per cent, an average annual increase of 2 schools; the students increased 53.3 per cent, an average annual increase of 629; the graduates increased 28.6 per cent, an average annual increase of 89.

The number of schools of medicine decreased 4.5 per cent, an average annual decrease of one school; the students decreased 5.2 per cent, an average annual decrease of 126; the graduates decreased 16.1 per cent, an average annual decrease of 92.

The number of schools of dentistry decreased 1.8 per cent, a slight average annual decrease; the students decreased 9.7 per cent, an average annual decrease of 70; the graduates, however, increased 6 per cent, an average annual increase of 12.

The number of schools of pharmacy increased 44.2 per cent, an average annual increase of 2 schools; the students increased 57.9 per cent, an average annual increase of 204; the graduates increased 36.3 per cent, an average annual increase of 41.

The number of schools of veterinary medicine decreased 11.8 per cent, a slight average annual decrease; the students, however, increased 508.4 per cent, an average annual increase of 187; the graduates increased 314.6 per cent, an average annual increase of 39.

The following table shows the decade's growth (+) or diminution (—) in six kinds of professional schools of the United States.

PROFESSION	1898	1908	Growth
Theology			
Schools.....	165	156	—9
Students.....	8 317	9 583	+1 266
Graduates.....	1 693	1 644	—49
Law			
Schools.....	86	108	+22
Students.....	11 783	18 069	+6 286
Graduates.....	3 110	3 999	+889
Medicine			
Schools.....	156	149	—7
Students.....	24 043	22 787	—1 256
Graduates.....	5 725	4 802	—923

PROFESSION	1898	1908	Growth
Dentistry			
Schools.....	56	55	-1
Students.....	7 221	6 519	-702
Graduates.....	1 921	2 037	+116
Pharmacy			
Schools.....	52	75	+23
Students	3 525	5 567	+2 042
Graduates.....	1 122	1 529	+407
Veterinary medicine			
Schools.....	17	15	-2
Students.....	368	2 239	+1 871
Graduates.....	123	510	+387

A Conference of the Medical and Dental Councils was held at the Education Department, Albany, N.Y., October 30, 1909. The first topic of discussion was what recognition, if any, should be accorded the examinations of universities and state boards of examiners in lieu of Regents examinations for qualifying certificates. Two principles were indorsed.

1 The entrance examinations of colleges and universities registered under section 401 and the examinations of state boards recognized by this Department for this specific purpose should be accepted in lieu of Regents examinations for qualifying certificates.

2 That the universities and state boards applying for the recognition of their examinations in lieu of Regents examinations for qualifying certificates may be required to present both the original question papers and the sample answer papers of students accepted and rejected by the readers, with specific information touching the methods of proctoring the examinations.

The second topic of discussion was comity of action in the transfer of students from one professional school to another professional school which resulted in a recommendation that the Department should not consider a course in a professional school satisfactory if conditions in more than two major subjects were allowed students for promotion from one year's class to the next and that the deans of the respective schools should formally notify their students of the results of the year's work within 30 days of the close of the examinations.

The third topic of discussion was whether the present requirement for admission to medical and dental schools should be raised for the next syllabus period so as to require certain specific subjects recommended by former conferences for admission in the fall of 1910 and thereafter. The present preliminary professional requirements were held to be all that the schools could stand and it was decided that no higher requirements should be sought at present.

Professional handbooks. The series of professional handbooks was issued after the close of the legislative session. Handbook 11, *Pharmacy* and Handbook 27, *Law* are put out by the Department in conjunction with the State Board of Pharmacy and the Board of Law Examiners respectively.

Summaries. In 1909 there were 1066 students in attendance on the theological schools of the State; 2979 in the law schools; 1896 in schools of education; 2916 in the medical schools; 492 in the dental schools; 646 in schools of pharmacy; 110 in the veterinary schools; and 3281 nurses in training in the 109 registered nurse training schools from which reports were received.

THEOLOGY

Pursuant to the decision of last year to give summaries of the reports from schools of theology in the State, a comparison is instituted similar to that given uniformly for the other professions.

Summaries. In 1909 there were 19 students in Alfred Theological Seminary; 73 in Auburn; 60 in Colgate; 108 in the General Theological; 12 in the German Martin Luther; 5 in Hartwick; 26 in the Jewish Theological; 55 in the Seminary of Our Lady of Angels; 112 in Rochester; 189 in St Bernard's; 67 in St Bonaventure's; 64 in St John's; 91 in St Joseph's; 16 in Canton Theological; and 169 in Union Theological; total 1066.

In 1909 the 15 institutions employed 169 officers of instruction for 1066 students, of whom 53 were graduate students, 980 were in the B.D. course and 33 unclassified.

In comparison with 1908, the theological schools of the State show for 1909 the same number of institutions, and 23 fewer students, but this loss is apparent only inasmuch as St Joseph's reports college students 86 for the first time which with the 91 theological students aggregate 177 against 148 in 1908. Hence the real gain in theological students over last year was 63.

EDUCATION

There has been notable progress in the higher lines of educational requirements for admission to the profession of teaching, both in the nation and in the state.

National Association of State Universities. This association in an article written by President Ellis of Ohio University, Athens, Ohio, and entitled "The Organization of a Teacher's College or College of Education in Connection with the University" presented a plain statement of these relations and summarized the conclusions reached in seven items which intimate that it is not a good policy for the university to seek to cover too wide a field; that where the State has established a system of normal schools, some of grade high enough to fit teachers for all kinds of public school service, the university should in no wise interfere with the established order of things; where the State has no independent system of normal schools the university is within a legitimate field of effort when it seeks to train teachers for all grades of teaching service through its college of education; where the state normal schools fail for any reason so to order their work as to make adequate provision for training high school and special teachers, it is within the province of the university to make good the deficiency; that local conditions must determine the extent to which the university will order its work to meet the demand for better trained high school and special teachers; that colleges for teachers must be something more than departments of pedagogy, and that the college of education wherever maintained will prove an expensive institution.

The plan for an exchange of teachers between Prussia and the United States is now in active operation. All matters of business connected with the exchange of teachers are transacted either through the Prussian Ministry, Berlin W.64, Wilhelmstrasse 68, or through the Carnegie Foundation for the Advancement of Teaching, 576 Fifth avenue, New York city. All communications from those interested in the matter in the United States should be addressed to the President of the Carnegie Foundation for the Advancement of Teaching.

The Regents reenacted their revised rules concerning teachers certificates in the June 1909 meeting. The new rule provides for an additional certificate known as the "college graduate life certificate."

Reference has already been made to the reprint of the *Course of Study and Syllabus for the College Graduate Professional Cer-*

tificate and for the Renewal of the College Graduate Certificate Limited. The granting of the college graduate certificate limited to graduates of approved colleges has been continued during the year and holders of these certificates are meeting the requirements for their renewal. There were granted during the school year 1908-9, 183 of these certificates. The renewal examinations for limited certificates were held August 13 and 14, 1908, and May 20 and 21, 1909, in connection with the summer schools of the various universities; 101 persons took the examinations in whole or in part and 58 completed the examinations for the renewal of their college graduate limited certificate.

During the year there have been issued 856 college graduate professional provisional certificates to graduates from approved pedagogical courses in colleges and universities and 60 college graduate professional life certificates; 122 college graduate life certificates were issued, making a total of 1279 as against 851 reported last year.

The list of institutions published last year as maintaining approved courses in pedagogy leading to the college graduate professional certificate was changed by the addition of St John's College, Brooklyn, N.Y.

Summaries. In 1909 there were 992 students of pedagogy in Columbia University, Teachers College; 187 in New York State Normal College; 639 in New York University, School of Pedagogy; and 78 in Syracuse University, Teachers College; total 1896.

In 1908 the four institutions employed 121 officers of instruction for 1799 students, of whom 199 were graduate students, 894 undergraduates and 706 unclassified; in 1909 the four institutions employed 165 officers of instruction for 1896 students, of whom 364 were graduate students, 907 undergraduates and 625 unclassified.

In 1908, Pd.B. degrees were conferred on 40; in 1909, Pd.B. degrees were conferred on 15.

LAW

In 1907 the *American Bar Association* set forth in the report of the committee on legal education and admissions to the bar 13 resolutions, the first 12 of which were adopted at its meeting held in Seattle, August 1908.

In January 1909 the *New York State Bar Association* appointed a committee of three to consider the recommendations of the *American Bar Association* relative to legal education.

The second resolution recommends "the adoption of a rule making it a necessary condition of admission to the bar that the candidate shall have an education equivalent at least to that required for graduation from a high school."

The third resolution states that in approving a high school education as a minimum requirement in general education the "association entertains the opinion that the interests of the profession and of the State would be promoted if all the candidates for admission to the bar should be required to have an education equivalent to at least two years of a college course." This third resolution plainly commits the American Bar Association to the fourth principle of the *National Association of State Universities* in their attempt to define the Standard American University.

Commenting on the good to come from the adoption of resolution two, the State Board of Law Examiners says:

Even that, we think, demands too much. With Massachusetts, for instance, and other states having no education requirements for admission to the bar and New York laboring for 27 years to reach the high school preliminary educational requirements, how can we expect public opinion in many of the states at once and without preparation to sustain the establishment of a high school standard where no educational test has ever existed?

New York has one of the best secondary school systems in the world, with either a high school or a registered academy or the means of obtaining a high school education within the reach of every boy in the State, yet New York began with a simple educational requirement in the premises, in 1881, and did not reach the present high school standard until 1908.

There are many states in which it is practically impossible or very difficult to obtain a high school education, and for that reason it would not only be unfair but contrary to public opinion and impracticable to exclude all students in such states from admission to the bar. It would be better to make haste slowly and for those interested in raising the standards to ask primarily that all states which have no educational requirements for admission to the bar to establish a simple and easily reached standard as a beginning, in the hope of ultimately reaching the high school requirement, and that those which have less than a high school requirement should move speedily towards adopting it.

Commenting on the third resolution the State Board of Law Examiners says:

Theoretically this resolution is right, but we do not think that all candidates for admission to the bar should be required to have an education equivalent to at least two years of a college course, that is, two years beyond high school. There is a practical side to this proposition as well as a theoretical one. . . . The proposition to exclude from the bar all the bright and ambitious young men whose environment will not permit them to get beyond high school or to go to college may be idealistic, but if it is, it is also impracticable. A high school education is practically sufficient and sufficiently prohibitory.

In the light of New York State's experience so concisely given by a disinterested board it may be fairly assumed that the fourth principle defining the Standard American University will necessarily be projected into the future at a time even more remote than the indefinite time which marks the end of the Standard American College.

The fourth resolution approves a rule requiring candidates for admission to the bar to study law for three years if graduates of law schools and for four years if not.

And the sixth resolution is equally interesting. "The association deplors the fact that any law school in the United States admits as a candidate for the law degree any who have not received an education at least equivalent to that required for graduation from a high school . . . and it advises that in its opinion the practice of so doing ought to be discontinued."

Commenting on the fourth resolution the Board of Law Examiners think "as a practical question, that public opinion at present would not approve of a discrimination in favor of those who can afford to go to a law school for three years as against the law clerk whose environment will not permit him to do so" and it remarks regarding the sixth resolution "that covers an educational proposition with which the profession has no concern."

In the light of the statistics given above for the schools of the United States and the remarkable growth in students in attendance on the law schools during the last decade the question occurs whether the time is not ripe for New York State to require of all applicants for admission to the bar examinations attendance on and graduation from the three years course in a law school registered by the Regents

as meeting the standard school year and class work required by the rules of the Court of Appeals.

The statistics of New York schools that follow afford facilities for instituting comparisons between this State and the United States which will prove or disprove the suspicion that the Court of Appeals might well give fresh consideration to the requirements for admission and the details of the examinations for admission to the bar. Were such requirement enacted the law schools of the State could be reasonably expected to maintain closer relations with the Board of Examiners and the University whereby the hardships entailed on innocent matriculates could be materially reduced.

So long as candidates for admission to the bar obtain their preparation in a lawyer's office or through a correspondence school the more reputable law schools may assume that their matriculates have come to them for instruction with full knowledge of their rights and responsibilities; may assume that the relation is a voluntary one which relieves them, in a measure, of responsibility in the matter of accuracy in administrative details.

Were graduation from a reputable law school exacted by court rule with clear definition of the relations between the Department, the Board of Examiners, the schools and the matriculates, students need not find at the close of the year that the entire session had been lost through no fault of theirs, or that their credentials had been given recognition by local officers not warranted by State authority. Moreover the State's experience in the advance of requirements for admission to the practice of pharmacy warrants the conclusion that such court rule would neither cripple the schools nor embarrass the board but would materially raise the standards of professional practice.

Resolution eight disapproving the conferring of law degrees by correspondence schools of law and resolution nine disapproving the practice of admitting to the bar on law school diplomas are also suggestive.

In May 1908 the Commissioner of Education transmitted a communication concerning a charter for a correspondence school to the Regents and stated that the uniform policy of the Department had been against such recognition. "This has not been intended as any reflection upon the work of such institutions, because there is probably little disposition in any quarter to deny that they are being exceedingly serviceable to a great many worthy correspondents." The Regents thereupon referred the question to a committee for consideration and future report. In June 1909 the Regents refused

to incorporate the *American Institute of Law* "in view of the fact that the main, primary purpose of comprehensive legal education is to qualify for admission to the bar, and that the sufficiency for such purpose, of such education and the manner of its acquirement rests, in this State, in the judgment and discretionary control of the Court of Appeals, the Regents deem it inappropriate for their Board to grant incorporation and membership in the University to a new kind of law school, until, at least, the said qualifying sufficiency of its proposed methods of instruction, courses of study, standards and special educational usefulness, generally, in whole or in large part, shall receive the approval and sanction of the said court."

At the same meeting it was voted "that a special committee be appointed by the Vice Chancellor to consider, in cooperation with the Commissioner of Education, and report to the Board of Regents upon the subject of correspondence teaching and the desirable relations of the University thereto."

Additional light on these problems is afforded in the following review of legislation.

A decade's review of legislation affecting admission to the bar in the United States. The statutory or legal requirements for admission to the practice of law in the United States show marked advance during the decade as will appear by comparing the information published by the Regents in 1899 with the present requirements.

The presentation of such studies in tabular form may be and often is somewhat misleading and it is especially difficult to summarize the information. The synopsis of requirements for admission to the bar in the different states which continues the study of 1898 appears annually in the law handbook in accord with the promises made when the data for the *Professional Education in the United States* was obtained from State and national authorities. There are so many possible combinations under rules and regulations authorized by statute law in the different states that it is impossible to present them in tabular form or to condense them within the limits of a report.

We publish in the professional handbooks, the four essential requirements for admission to practice that have been the bases of our correspondence touching the indorsement of licenses earned under other licensing bodies and a fifth item for convenience of correspondence.

The word *state* is used to cover the 53 political divisions of the United States, including the District of Columbia, the territorial and

insular possessions, instead of the longer expression of the former reports "political divisions." Cuba is omitted from the comparisons and Indian Territory has disappeared.

In 1899 there were laws affecting admission to the bar in 52 states including Indian Territory; in 1909 in 53 states, Alaska and the Philippines having enacted laws during the decade.

In 1899 there were 23 states including Choctaw Nation, Indian Territory, in which a diploma in law did not admit to practice, an examination being required in all cases; in 1909 there were 35 states, Alaska, Connecticut, District of Columbia, Illinois, Maryland, Missouri, Nevada, New Jersey, New Hampshire, New Mexico, Pennsylvania, Philippines, Rhode Island, Tennessee, Vermont and Wisconsin having enacted laws requiring examination and Arkansas, South Dakota and Washington having repealed these laws in favor of graduates of their respective state universities.

The statutes of 40 of these states permit the admission to the bar of attorneys from other states on varying requirements, viz: Alaska, California, District of Columbia, Illinois, Kentucky, Louisiana, Michigan, Montana, Nevada, Oregon, Philippines, Tennessee, Utah, Virginia, West Virginia and Wyoming on certificate of admission to practice in the highest court in another state; Iowa, New Hampshire and Vermont on certificate and one year's practice; Porto Rico, Washington and Wisconsin on certificate and two years' practice; Arizona, Connecticut, Idaho, Maine, Massachusetts, Missouri, New Mexico, New York, North Dakota and Oklahoma on certificate and three years' practice; Colorado, Maryland, Minnesota, Nebraska, Ohio, Pennsylvania and South Dakota on certificate and five years' practice; Mississippi on the same condition that other states admit attorneys from Mississippi.

In 1899 the laws or supreme court rules of seven states specified a general preliminary education requirement for admission to the licensing examination, viz: Ohio, common school education; Minnesota, about two thirds year of high school; Colorado, one year of high school; Michigan, between one and two years of high school; Connecticut, Illinois and New York, three year high school course.

In 1909 the laws of Supreme Court rules of 20 states specify a general preliminary education requirement for admission to the licensing examination, viz:

Colorado, Connecticut, Illinois, Iowa, Kansas, Michigan, Nebraska, New Jersey, New York, Ohio, Oklahoma, Rhode Island, South Dakota, Vermont, Washington and Wisconsin, a full high school course.

Delaware, examination in Latin, higher mathematics, English and American history.

Missouri, completion of a grammar school education with a fair knowledge of history, literature and civics.

Philippines, the B.A. degree formerly required by the Spanish legislation or the equivalent of the government normal school course. Pennsylvania, examination in English language and literature; outlines of universal history, history of England and of the United States; arithmetic, algebra through quadratics, and plane geometry; modern geography; first four books of Caesar's Commentaries; first six books of the Aeneid; and first four orations of Cicero against Cataline.

In 1899 graduation from a law school or three years' study in office was required for admission to the licensing examination in 13 states; in 1909 in 26 states; Colorado, Iowa, Kansas, Maine, Massachusetts, Nebraska, North Dakota, Oklahoma, Pennsylvania, Philippines, South Dakota, Wisconsin and Wyoming having enacted laws during the decade.

Summaries. In 1909 there were 135 law students in the Albany Law School, 358 in Columbia, 225 in Cornell, 835 in the New York Law School, 770 in New York University, 249 in St Lawrence, 179 in Syracuse, 82 in Buffalo, 146 in Fordham, total 2979, not including summer students.

In 1908 the nine institutions employed 139 officers of instruction for 3022 students, of whom 123 were graduate students, 2373 were in the LL.B. course and 526 were unclassified; in 1909 these institutions employed 139 officers of instruction for 2979 students, of whom 129 were graduate students, 2405 were in the LL.B. course and 445 were unclassified. In 1908 LL.B. degrees were conferred on 584; in 1909 LL.B. degrees were conferred on 626.

In comparison with 1908, the law schools of the State show for 1909 the same number of institutions, the same number of officers of instruction, 43 less students and 42 more LL.B. degrees conferred.

MEDICINE

Progress in medical education has been steady during the past year both in the nation and the State.

The *American Medical Association* in its educational number, September 1906, briefly indicates the progress claimed for the year:

(a) Several state Legislatures have made large appropriations for the opening of good high schools, and several organiza-

tions are actively working for the standardization of our secondary schools, colleges and universities.

(b) 29 medical schools by 1910 will be requiring two or more years of liberal arts' college work for admission.

(c) At least 50 medical schools by 1910 will be requiring one or more years of liberal arts' college work for admission.

(d) Practically all of the medical schools referred to expect to require preliminary work in college physics, chemistry and biology, and reading knowledge of German or French.

(e) Six State Medical Examining Boards have increased their requirements of preliminary education to one or two years of work in a college of liberal arts.

(f) Five important mergers have been completed during the year, replacing nine medical colleges by four stronger ones.

(g) Teaching medicine at night has been abandoned by three medical schools, and only four remain, three of these being at Chicago and one at St Louis.

(h) Practical examinations in addition to the written have been inaugurated by three examining boards, those of Colorado, Ohio and Massachusetts. Minnesota and Indiana have decided to require them hereafter.

(i) One or more states now require that all applicants be graduates in medicine, leaving only five which license nongraduates.

(j) Six state boards have provided for a two-part examination, whereby applicants may take examinations in some of the subjects at the end of their sophomore year.

The *American Academy of Medicine* under a center head "Association of American Medical Colleges" gives an interesting historical item.

To publish the transactions of the Association of American Medical Colleges is like unto receiving a visit from a former member of the family. The beginnings of the publications of the association are to be found in the bulletin. The proceedings of this association are of interest to those of our readers who are interested in educational topics. The papers and reports published in this number are of present value as another evidence of the unrest among educators of every grade. The entire report is of value to those who are desirous of knowing the great advance made in the equipments and methods of teaching in our medical schools of late years.

It also expresses the hope that the bulletin can be of more frequent service to the association than this occasional publishing of its proceedings.

The transactions of the 19th annual meeting of the Association of American Medical Colleges referred to above gives an excellent

article on the "Functions of the Medical School" by President Long and a report of the "Present Status of Medical Education" by Secretary Zapffe which with the article on the "Five Year Medical Course" by Dr John Rogers of New York city affords abundant material for determining the medical progress of the year.

Commenting on these statements of progress it would appear from New York's experience that several of them are paper standards rather than actual facts and if the recent conference of medical interests in the State is any criterion it will be a long time, if ever, before New York State will advance the minimum preliminary educational requirement for admission to the practice of medicine beyond the four year high school preparation after eight years of elementary instruction. If New York State can only honestly maintain four years of high school preparation for admission to its medical schools and its medical licensing examinations, what warrant is there in the assumption that states of less density of population and of less wealth can maintain higher requirements?

While an attempt to forecast the future may have little bearing on the problem it may be safely assumed that the normal development of higher requirements in the medical profession will come along the line of combination of elementary, secondary and medical instruction whereby time will be saved in the whole combined course rather than in any one portion of it.

But to return to the present. Cornell's recent experience in raising the requirements for admission to the medical college, graduation in fact and not on paper, appears graphically from the report of matriculates in 1908, 320; in 1909, 221 with 14 in the first year's class.

It is very possible for a wealthy institution to make this experiment but till a definite conclusion is reached it seems unwise for other institutions to announce their intention to exact the higher requirements for some future dates even on paper.

The *Regents* in their December 1908 meeting adopted on the recommendation of the committee on higher education the rules and regulations recommended by the State Board of Medical Examiners which appear in the journal of the Regents under another title.

The report of the secretary of the State Board of Medical Examiners for the year gives an analysis of the records of the board's examinations found in another portion of this report and comments on the marked discrepancy manifest between the failures in given topics.

A decade's review of legislation affecting admission to the practice of medicine. The statutory requirements for admission to the practice of medicine in the United States shows marked advance during the decade as will appear from a consideration of the following study:

In 1898 of the 156 medical schools in the 34 political divisions one required a college degree for admission and 12 a four year high school course; in 1908 of the 139 medical schools registered or accredited by the Regents in the 37 political divisions of the United States there were 87 that required four years of high school preparation for admission as shown by the combined lists of medical schools registered by the Regents and members of the Association of American Medical Colleges.

In 1899 there were laws affecting the practice of medicine in 51 states; in 1909 in 53 states; Alaska and Philippines having enacted laws during the decade.

In 1899 there were 32 states in which a diploma in medicine did not admit to practice, an examination being required in all cases. In 1909 there were 51 states, Arkansas, California, Indiana, Kansas, Michigan, Missouri, Nebraska, Nevada, New Mexico, Ohio, Oklahoma, Philippines, Porto Rico, Rhode Island, South Dakota, Tennessee, Texas, Wisconsin and Wyoming having enacted laws during the decade. Alaska and Colorado do not require an examination in all cases.

The statutes of 31 of these states permit the indorsement of the licenses of another board having at least an equal standard, viz: Connecticut, District of Columbia, Georgia, Illinois, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Porto Rico, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin and Wyoming.

In 1899 the laws of eight states specified a general preliminary educational requirement for admission to the licensing examinations, viz: Delaware, Maryland, New Jersey and Pennsylvania, a competent common school education; Louisiana, at least a fair preliminary education; Nebraska, an examination in the common branches in Latin and higher mathematics; New Hampshire and New York, a full course in a registered academic or high school.

In 1909 the laws of 16 states specify a general preliminary

educational requirement for admission to the licensing examinations, viz:

Louisiana, at least a fair preliminary education.

Maryland, a competent common school education.

South Carolina, equivalent of a teachers first grade certificate.

Connecticut, Delaware, Illinois, Michigan, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Utah, Vermont and Wisconsin, a full four year high school course or its equivalent.

In 1899 graduation from a medical school was required by the statute for admission to the licensing examinations in 21 states; in 1909 in 45 states: California, Colorado, Connecticut, Indiana, Kansas, Kentucky, Maine, Michigan, Missouri, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, Philippines, Porto Rico, Rhode Island, South Dakota, Texas, Virginia, Washington, West Virginia, Wisconsin, and Wyoming having enacted laws to this effect during the decade.

The laws of Alabama, Alaska, Arkansas, Hawaii, Massachusetts, Mississippi, Oregon, and Tennessee do not specify this requirement.

Summaries (including statistics of graduate schools). In 1909 there were 346 students in the College of Physicians and Surgeons; 221 in Cornell University Medical College; 445 in the University-Bellevue Hospital Medical College; 364 in Long Island College Hospital; 195 in the University of Buffalo, Medical Department; 180 in the Albany Medical College; 147 in Syracuse University College of Medicine; 94 in the New York Homeopathic Medical College and Flower Hospital; 96 in the Eclectic Medical College; 44 in Fordham; 19 in the New York Medical College and Hospital for Women; 182 in the New York Polyclinic Medical School and Hospital; 583 in the New York Post Graduate Medical School and Hospital. The total number of undergraduate students was 1591, and of graduate students 808; unclassified 157; making a total of 2916 medical students in the State not including summer students.

In 1908 the 13 institutions employed 1443 instructors for 3012 students of whom 830 were graduate students, 2006 in the M.D. course and 176 unclassified. In 1909 these institutions employed 1458 instructors and had 2916 students of whom 808 were graduates, 1951 in the M. D. course and 157 unclassified. In 1908 M. D. degrees were conferred on 464; in 1909, M. D. degrees were conferred on 430.

In comparison with 1908 the medical schools of the State show the same number of institutions, 15 more officers of instruction, and 96 less students. There were 34 less degrees conferred.

Results of medical licensing examinations
New York schools for year ending July 31, 1909

INSTITUTION	Candi- dates	NUMBER REJECTED		Honor	Per cent accepted
		Grad. prior to 1909	Grad. in 1909		
Albany Medical College	34	1	2	0	91.1
College of Physicians and Surgeons	84	2	1	4	96.4
Cornell University, medical department	54	0	0	3	100
Fordham Univ. Med. Coll.	10	0	0	0	100
Long Island College Hospital	87	3	5	0	90.8
New York Eclectic Medical College	11	0	1	0	90.9
New York Homeopathic Medical College	13	1	0	1	84.6
New York Med. Coll. and Hosp. for Women	4	0	0	0	100
Syracuse University, medical department	34	1	0	0	97.05
University and Bellevue Hosp. Med. Coll.	77	1	0	1	98.7
University of Buffalo, medical dep't	30	1	0	0	96.6

New York schools 1891-1909

INSTITUTION	Candi- dates	Number rejected	Honor	Per cent accepted
Albany Medical College	702	78	33	88.8
Bellevue Hospital Medical College	1 962	77	172	96.07
College of Physicians and Surgeons	626	10	49	98.4
Cornell University, medical department	956	108	22	88.7
Long Island College Hospital	192	17	14	91.1
New York Eclectic Medical College	399	19	84	95.2
New York Medical College and Hosp. for Women	110	7	12	39.6
New York University, medical department	110	7	12	39.6
Niagara University, medical department	110	7	12	39.6
Syracuse University, medical department	383	13	8	96.6
University and Bellevue Hospital Medical College	1 453	27	26	98.1
University of Buffalo, medical department	836	64	23	92.3
Woman's Medical College of New York Infirmary	110	7	12	39.6
Fordham University Medical College	10	0	0	100

Results of partial examinations
New York schools for year ending July 31, 1909

INSTITUTION	Candi- dates	Number rejected	Per cent accepted
Albany Medical College	28	4	85.7
College of Physicians and Surgeons	29	3	89.6
Cornell University, medical department	31	0	100
Fordham University Medical College	6	0	100
Long Island College Hospital	21	2	90.4
New York Eclectic Medical College	6	1	83.3
New York Homeopathic Medical College	5	0	100
New York Medical College and Hospital for Women	5	0	100
Niagara University, medical department	1	1	0
Syracuse University, medical department	16	0	100
University and Bellevue Hospital Medical College	27	1	96.2
University of Buffalo, medical department	22	2	90.9

Medical examinations of the year ending July 31, 1909

Rejected by topics

Anatomy	36
Physiology	66
Hygiene and sanitation	18
Chemistry	90
Surgery	32
Obstetrics and gynecology	30
Pathology and bacteriology	32
Diagnosis	24
Total	328

Comparison of medical schools in New York and other states and countries

This table shows for 1909 the rejections by topics: group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries. Each applicant is counted only once in the number of candidates, but under the several topics each failure is indicated, excluding any answer papers not examined.

Of the papers submitted by 370 graduates of New York schools only 38 were rejected, while 108 of those submitted by 83 graduates of schools in other states, and 154 of those submitted by 31 graduates of schools in foreign countries, were rejected. In addition to these candidates from schools in which there was at least one failure, 68 graduates of 3 New York schools and 80 graduates of 34 schools in other states and countries were examined

Group 1 New York schools

INSTITUTION	Candidates								Total	
		Anatomy	Physiology	Hygiene and sanitation	Chemistry	Surgery	Obstetrics and gynecology	Pathology and bacteriology		Diagnosis
Albany Medical College	34	1			3					4
College of Physicians and Surgeons	84		1	1						5
Long Island College Hospital	87		6		6					15
New York Eclectic Medical College	11					1			1	1
New York Homeopathic Med. Coll.	13		1		2					3
Syracuse University	34		1		1					2
University and Bellevue Hosp. Med. Col.	77		1		6					7
University of Buffalo	30		1							1
	370	1	11	1	21	2		1	1	38

Group 2 Schools in other states

INSTITUTION	Candidates	Anatomy	Physiology	Hygiene and sanitation	Chemistry	Surgery	Obstetrics and gynecology	Pathology and bacteriology	Diagnosis	Total
University of California.....	1		1		1					2
Georgetown University.....	3				2					5
Atlanta College of Physicians and Surgeons, Ga.....	1		1							1
Bennett College of Eclectic Med. and Surg.....	1	1	2		2	1		2		8
College of Physicians and Surgeons, Chicago.....	3	1	2		1			1		5
Hahnemann Med. College, Chicago.....	4	3	4		4			2	1	14
Illinois Med. College.....	2	5	5	2	5			2		19
Physio-Med. College of Indiana.....	1	1	1	1	1	1	1	1		8
Baltimore Med. College.....	15	1	2		2			1		6
College of Physicians and Surgeons, Baltimore.....	7	1	5		3			2		11
College of Physicians and Surgeons, Boston.....	1	1	1	1	1		1			5
Harvard University.....	8				1					1
Massachusetts College of Osteopathy.....	3				1	1				2
Tufts College Medical School, Boston.....	7				3				1	4
Creighton University Med. College, Neb.....	1		1		1		1	1		4
Dartmouth Med. College, N. H.....	2		1		1					2
Hahnemann Med. College and Hosp., Phila.....	5	1	1	1	2	1				6
Jefferson Med. College, Phila.....	10				1					1
Medico-Chirurgical College of Phila.....	4				2	1		1		4
Woman's Med. College of Pa.....	3				1					1
Medical College of Virginia.....	1	1				1				2
	83	16	27	5	35	6	3	12	4	108

Group 3 Schools in foreign countries

INSTITUTION	Candidates	Anatomy	Physiology	Hygiene and sanitation	Chemistry	Surgery	Obstetrics and gynecology	Pathology and bacteriology	Diagnosis	Total
University of Berlin.....	1	1	1	1	1	1	1	1	1	8
University of Catania.....	3	1	2	1	1	5	4	3	2	19
University of Genoa.....	1		1		1	1				3
University of Naples.....	19	14	11	6	13	14	17	11	15	101
University of Palermo.....	4	1	2	1	4	2	3	3	1	17
University of Pavia.....	1						1			1
University of Turin.....	2		1		1	1	1	1		5
	31	17	18	9	21	24	27	19	19	154

DENTISTRY

The progress in dentistry which received a severe shock in 1903, 1904 and 1905 is not so apparent as in the other professions. The proceedings of the *National Association of Dental*

Examiners since 1906 are not available at the time of this writing nor are the proceedings of the *National Association of Dental Faculties* since 1907.

Reports from the secretary of the State Board of Dental Examiners are not available when this report goes to press.

A decade's review of legislation affecting admission to the practice of dentistry. The same factors are employed in the following review of a decade's progress in the practice of dentistry throughout the United States as were employed in the studies for law and for medicine.

In 1899 there were laws affecting the practice of dentistry in 50 states; in 1909 in 52; the Philippines and Porto Rico having enacted laws during the decade and Alaska having no law.

In 1899 there were 23 states in which a diploma did not admit to practice in dentistry, an examination being required in all cases; in 1909 there were 50 states—Arizona, Arkansas, California, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Michigan, Missouri, Montana, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, Philippines, Porto Rico, South Dakota, Tennessee, Texas, Utah, Wisconsin and Wyoming having enacted laws during the decade. The boards of the District of Columbia, Maryland and Wisconsin may accept a diploma at their discretion. Alaska has no laws and Indian Territory counted in 1899, disappeared in 1909.

The statutes of 11 of these states permit the indorsement of the licenses of another board having at least an equal standard, viz, District of Columbia, Iowa, Michigan, Minnesota, Montana, Ohio, Porto Rico, Tennessee, Utah, Vermont and West Virginia.

In 1899 the laws of three states specified a general preliminary educational requirement for admission to the licensing examination, viz, New Jersey and Pennsylvania, a common school education; New York, a full high school course.

In 1909 the laws of 14 states specify a general preliminary educational requirement for admission to the licensing examinations, viz:

Arizona, California, Michigan, Mississippi, Nebraska, Nevada, New Jersey and New York, a high school course or its equivalent.

Pennsylvania, a competent education.

Wisconsin, admission to the junior class of an accredited high school or its equivalent.

Illinois, Indiana, Kansas and Utah, specifically places the requirements in the hands of the boards.

In 1899 graduation from a dental school was required by the statute for admission to the licensing examinations in eight states; in 1909 in 38 states: Arizona, California, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Philippines, Porto Rico, South Dakota, Tennessee, Utah, Washington, Wisconsin and Wyoming having enacted laws during the decade. The laws of 15 states, viz, Alabama, Alaska, Arkansas, District of Columbia, Maine, Massachusetts, Mississippi, New Hampshire, Oklahoma, Rhode Island, South Carolina, Texas, Vermont, Virginia and West Virginia do not specify this requirement in the statute.

Summaries. In 1909 there were 304 students in the New York College of Dentistry, 73 in the University of Buffalo, College of Dentistry, and 115 in New York College of Dental and Oral Surgery, total 492. In 1908 the three institutions employed 114 instructors and had 518 students, of whom 476 were in the D.D.S. course and 42 in special courses; in 1909 these institutions employed 109 instructors and had 492 students of whom 469 were in the D.D.S. course and 23 were special students.

Results of dental licensing examinations

	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Examinations.....	5	5	5	5	4	4	4	4	4	4	4	4	4	4
Examined.....	162	264	268	222	154	104	234	234	292	304	206	229	248	180
Rejected.....	52	46	67	39	28	33	29	58	114	66	47	55	46	35
Per cent rejected.....	32	17.4	25	17.5	18.1	17	12.3	24.7	39.04	21.7	22.8	24	18.5	19.4
Licenses issued.....	110	218	201	183	126	161	205	176	178	238	159	174	202	145
Honor licenses issued.	7	17	48	67	36	23	41	18	5	37	24	4	11	8

Rejection by topics

	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Anatomy.....	21	14	20	11	10	8	13	5	11	4	7	1	0	4
Physiology and hygiene	14	19	23	12	4	4	6	3	13	9	15	13	8	10
Chemistry and metal- lurgy.....	8	1	7	4	0	2	1	11	92	38	37	40	33	20
Oral surgery and path- ology.....	5	9	11	15	13	3	4	2	21	0	3	8	4	3
Operative dentistry...	4	9	13	9	3	1	4	12	16	2	3	3	0	1
Prosthetic dentistry...	16	6	8	13	2	20	5	24	34	18	20	27	0	4
Therapeutics and ma- teria medica.....	25	10	22	14	8	10	8	1	26	31	11	23	16	16
Histology.....	28	19	26	16	5	4	2	10	10	5	2	1	1	8

Comparison of dental schools. The dental schools of New York State compare favorably with those of other states as shown by the licensing examinations. The table shows for 1909 the rejections by topics: group 1, New York schools; group 2, schools in other states. Each applicant is counted only once in the number of candidates, but under the several topics each failure is indicated, excluding any answer papers not examined. Of the papers submitted by 137 graduates of New York schools only 31 were rejected, while 30 written by 16 graduates of schools in other states were rejected. In addition to the above, 1 candidate had filed evidence of study under private preceptor before August 1, 1895, whose papers were accepted, and 13 candidates were graduates of schools against which no failure was charged in 1909.

Rejections by topics
Group 1 New York schools

INSTITUTION	Candidates	Papers examined	Anatomy	Physiology and hygiene	Chemistry and metallurgy	Oral surgery and pathology	Operative dentistry	Prosthetic dentistry	Therapeutics and materia medica	Histology	Total written	PRACTICAL			Total failures	
												Prosthetic	Operative	Total		
College of Dental and Oral Surgery.....	87	282	.....	1	2	.....	.....	.....	.....	.....	5	.....	.....	.....	1	6
New York College of Dentistry.....	75	605	.....	4	4	.....	.....	.....	.....	.....	16	.....	.....	.....	2	18
University of Buffalo, dental department.....	25	174	.....	1	5	.....	.....	.....	.....	.....	6	.....	.....	.....	1	7
Total	187	1 061	.....	6	11	.....	.....	.....	9	1	27	3	1	4	31	31

Group 2 Schools in other states

INSTITUTION	Candidates	Papers examined	Anatomy	Physiology and hygiene	Chemistry and metallurgy	Oral surgery and pathology	Operative dentistry	Prosthetic dentistry	Therapeutics and materia medica	Histology	Total written	PRACTICAL			Total failures	
												Prosthetic	Operative	Total		
Georgetown Univ., dental dep't, Washington, D. C.....	2	10	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Univ. of Maryland, dental dep't.....	1	9	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Harvard Univ. Dental School, Mass.....	1	16	2	2	2	2	.....	1	2	1	12	.....	.....	.....	.....	12
Western Dental College, Kansas City, Mo.....	1	8	1	1	1	.....	.....	.....	.....	1	4	.....	.....	.....	.....	4
Medico-Chirurgical Coll., dental dep't, Pa.....	3	24	.....	1	1	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	4
Pa. College of Dental Surgery.....	4	32	.....	.....	2	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	3
Philadelphia Dental College.....	2	16	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	3
Univ. of Pa., dep't of dentistry.....	2	9	.....	.....	1	1	.....	.....	.....	.....	3	.....	.....	.....	.....	3
Total	16	124	4	4	9	3	.....	1	7	2	30	.....	.....	.....	.....	30

PHARMACY

The important changes in the practice of pharmacy noted in our last report continued during the year. Two important bills were presented in the Legislature and after wide discussions and many conferences one reached the Governor. Reference to some of the causes contributing to his veto of the measure appears under another title. The discussions were continued in the New York State Pharmaceutical Association which appointed a legislative committee to frame a bill to be introduced at the next session of the Legislature—a bill that should represent all the pharmaceutical interests in the State.

Syllabus committee. Reference has been made earlier to the work of a national committee preparing a *Pharmaceutical Syllabus*. Marked progress has been made during the year. The executive committee in January held an important meeting which blocked out the work of detailing the syllabus on the basis of the outline adopted by the committee. The work was sufficiently advanced to warrant a call of the committee at Richfield Springs and later on at Los Angeles. Revised copy was in readiness for the chemistry branch, copy and notes for materia medica, and a considerable portion of the pharmacy branch. Some modifications in the definitions were adopted at the Los Angeles meeting and the report was presented to the *National Association of Pharmacy* and to the *American Conference of Pharmaceutical Faculties* both of which approved the work, continued their representatives and placed the final proof under revision on the program for adoption at their next meeting May 1909. It is anticipated that the report of the said syllabus committee will be ready for adoption by the State board at its January 1910 meeting.

A decade's review of legislation affecting admission to the practice of pharmacy. This study continues along the lines of the earlier study of law, medicine and dentistry.

In 1899 there were laws affecting the practice of pharmacy, in 47 states; in 1909 in 52 states: Arizona, Hawaii, Nevada, Philippines and Porto Rico having enacted laws during the decade. Alaska has no law.

In 1899 there were 18 states in which a diploma in pharmacy did not admit to practice, an examination being required in all cases. In 1909 there were 43 states: Alabama, California, Colorado, Connecticut, Delaware, District of Columbia, Hawaii,

Idaho, Iowa, Kansas, Louisiana, Maryland, Mississippi, Montana, New Mexico, North Carolina, North Dakota, Philippines, Rhode Island, South Carolina, Texas, Utah, Vermont, Virginia, West Virginia having enacted laws during the decade. There are 10 states that do not require examinations in all cases, viz: Alaska, Arizona, Arkansas, Florida, Missouri, Nevada, Oklahoma, Porto Rico, Washington and Wyoming.

The statutes of 17 of these states permit the indorsement of the licenses of another board having at least an equal standard, viz, Alabama, District of Columbia, Georgia, Hawaii, Idaho, Illinois, Indiana, Louisiana, Massachusetts, Michigan, North Carolina, North Dakota, Ohio, Oregon, South Dakota, Texas, West Virginia.

In 1899 the laws of 22 states required either a diploma or an examination, but in 1909 there are only seven states that permit the alternative evidence, viz, Arkansas, Florida, Missouri, Oklahoma, Porto Rico, Washington and Wyoming.

In 1899 the 18 states, that required an examination in all cases, specified a general preliminary educational requirement for admission to the licensing examinations, as follows:

Massachusetts, New Hampshire, Tennessee, none.

Georgia, Kentucky, Maine, Nebraska, Oregon, three years' experience.

Illinois, Indiana, Minnesota, New York, New Jersey, Ohio and Pennsylvania, four years' experience.

Michigan and South Dakota, three years' experience and grammar school education.

Wisconsin, five years' experience or a diploma and two years' experience.

In 1909 the 44 that required an examination in all cases specified a general preliminary educational requirement for admission to the licensing examinations, as follows:

Alabama, Massachusetts, Michigan, South Carolina, Tennessee, none.

Connecticut, Kentucky, Nebraska, New Hampshire, North Carolina, Rhode Island, Utah and Vermont, three years' experience.

District of Columbia, Illinois, Iowa, Louisiana, Maryland, Minnesota, New Jersey, Ohio and West Virginia, four years' experience.

California, five years' experience.

Georgia, Maine, Oregon, South Dakota, three years' experience. Delaware, Montana and Kansas, four years' experience or a diploma.

Hawaii, New Jersey and Pennsylvania, four years' experience, a diploma, and in New York one year of a high school preparation or the equivalent.

Idaho and Texas, four years' experience, satisfactory preliminary education.

Colorado, North Dakota, Michigan and Virginia, four years' experience, grammar school education.

Philippines, four years' experience or diploma and two years' experience.

Wisconsin, five years' experience or diploma and two years' experience.

Indiana, four years of approved school but two years' experience accepted as equivalent for two years' attendance.

New Mexico, one year high school; rules require three years' experience.

In 1909 the seven states that require an examination or a diploma specify a general preliminary educational requirement for admission to the licensing examinations, as follows:

Arkansas, Florida, Missouri, Washington and Wyoming, three years' experience.

Oklahoma, four years' experience.

Porto Rico, two years' experience and a diploma.

The Pharmacy Council was during the year in conference with the Department.

The Ad Interim Committee brought to the attention of the State board items from the Department in accord with which the Regents registered one or two additional schools the list of which appears in Handbook 11. The question arose whether the Department should longer continue to issue Handbook 11 and on the unanimous request of the State Board of Pharmacy and the advice of many interested in pharmaceutical education it was discontinued by the Department after some delay.

Summaries. In 1909 there were 190 students in the Brooklyn College of Pharmacy; 267 in the College of Pharmacy of the City of New York; 73 in Union University, Albany College of Pharmacy; and 116 in the University of Buffalo, College of Pharmacy; total 646.

In 1908 the four institutions employed 61 instructors and had 525 students, of whom three were in graduate courses, 505 in regular course and 17 special students. In 1909 the four institutions employed 62 instructors and had 646 students of whom 7 were in graduate courses, 630 in regular course and 9 were special students.

In 1908 pharmacy diplomas or degrees were conferred on 216 persons; in 1909 on 206.

In comparison with 1908, pharmacy schools show for 1909 the same number of institutions, one more officer of instruction and 121 more students. There were 10 less pharmacy degrees or diplomas conferred.

VETERINARY MEDICINE

A decade's review of legislation affecting admission to the practice of veterinary medicine in the United States. This study continues along the lines of the earlier study of 1899 under the same terminology as used in corresponding study of law, medicine and dentistry.

In 1899 there were laws affecting the practice of veterinary medicine in 12 states, in 1909 in 32, Connecticut, Colorado, Delaware, District of Columbia, Georgia, Indiana, Iowa, Kansas, Louisiana, Maine, Massachusetts, Missouri, Nebraska, New Hampshire, North Carolina, Oregon, South Dakota, Tennessee, Utah and Washington having enacted laws during the decade.

In 1899 there were five states in which a diploma in veterinary medicine did not admit to practice, an examination being required in all cases. In 1909 there are 22 states, California, Colorado, Connecticut, District of Columbia, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Missouri, Nebraska, New Jersey, North Carolina, South Dakota, Washington and Wisconsin having enacted laws during the decade.

The statutes of four of these states, California, District of Columbia, Iowa and South Dakota, permit the acceptance of a certificate of another board having an equal standard.

In 1899 graduation from a veterinary medical school was required for admission to the licensing examination in four states, viz, Minnesota, New York, North Dakota and Pennsylvania.

In 1909 graduation is required in 16 states, California, Colorado, Delaware, District of Columbia, Indiana, Iowa, Maine, Maryland, Michigan, New Jersey, South Dakota and Washington having enacted laws during the decade.

In 1899 New York exacted an academic course in a registered academy or high school, or its equivalent, for admission to the licensing examinations, and Pennsylvania, a common school education; the 10 remaining states had no general preliminary educational requirement.

In 1909 Delaware, New Jersey and Pennsylvania required a competent common school education. New York requires a full high school course or the equivalent.

Summaries. In 1909 there were 94 students in New York State Veterinary College, and 16 in New York American Veterinary College, total 110.

In 1908 the two institutions employed 39 instructors and had 107 students, 103 of whom were in the regular course and 4 special students; in 1909 the two institutions employed 46 instructors and had 110 students, 107 of whom were in the regular course and 3 special students. In 1908 veterinary degrees were conferred on 31 students; in 1909 on 30.

In comparison with 1908, the veterinary schools show for 1909 the same number of institutions, 7 more officers of instruction, 3 more students and 1 less veterinary degree conferred.

Veterinary licensing examinations

Results 1896-1909

	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Examinations.....	5	5	5	5	4	4	4	4	4	4	4	4	4	4
Examined.....	6	12	29	20	14	12	15	22	23	48	49	36	34	32
Rejected.....	3	5	21	8	2	5	6	5	13	12	13	18	5	2
Per cent rejected.....	50	41.6	72.4	40	14.2	41.6	40	22.7	46.4	25	26.5	50	14.6	62.5
Licenses issued.....	3	7	8	12	12	7	9	17	15	36	36	18	29	30
Honor licenses issued..	0	0	0	0	0	0	0	2	0	1	2	0	1	0

Rejections by topics

	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Anatomy.....	2	0	2	4	1	2	1	2	2	0	2	4	0	0
Physiology and hygiene	4	2	0	0	0	2	2	1	3	1	0	1	1	0
Chemistry.....	2	2	6	1	2	4	6	4	12	11	10	2	1	1
Surgery.....	2	0	7	0	1	1	1	1	2	2	1	15	1	0
Obstetrics.....	1	4	8	1	0	4	0	1	2	0	1	3	2	1
Pathology, diagnosis and practice.....	2	3	10	0	1	5	2	2	3	1	5	1	2	0
Therapeutics and ma- teria medica.....	2	1	3	1	0	2	1	1	3	0	4	1	0	0

OPTOMETRY

In accordance with the provisions of law, the Board of Optometry met in October 1908 and adopted rules and regulations to govern their action in licensing optometrists. These rules include an outline of a course of study for schools applying to the Board of Regents for registration.

The Regents at their December 1908 meeting adopted on recommendation of the committee on higher education, the rules and regulations recommended by the State Board of Examiners in Optometry.

These rules appear in the journal of the Regents meeting under another title of this report.

They also amended the Regents Revised Rules by adding to chapter 10, sections 413-16, inclusive, 12 rules for the registration of the schools of optometry, the preliminary and professional education to be required, a course of study for schools of optometry and the subjects of the State examination.

The course of study for schools of optometry as adopted is two years in length and requires for admission at least the completion of two years of high school study.

In taking this advanced step New York State really leads all other states in its requirements, and though for the time being, the standard set by this State seems to be high there is no question but that in time there will be established, in connection with the universities of this State, schools of optometry which will give such thorough training in ophthalmological science that persons licensed in this State will take precedence in efficiency.

Under the law provision was made for exemptions from examinations under what is generally termed "the waiver." 2393 applications for exemption under the waiver clause of the law were received at the Department. Of these 1920 were approved; 453 rejected; and 20 are in the hands of the State Board for consideration.

A decade's review of legislation affecting the practice of optometry in the United States. In 1899 there were no laws affecting the practice of optometry. In 1909 optometry is regulated by law in 24 states, viz, Arizona, California, Delaware, Florida, Idaho, Indiana, Iowa, Kansas, Maine, Michigan, Minnesota, Montana, Nebraska, New Mexico, New York, North Carolina, North Dakota, Oregon, Rhode Island, Tennessee, Utah, Vermont, Washington and West Virginia.

A two years high school course is required for admission to the licensing examination in Delaware, Iowa, Michigan, New York, Vermont and Washington. The remaining 18 states have no preliminary requirements in the law.

Delaware, Iowa, New York, Rhode Island and Washington require three years of professional study with a registered optometrist or graduation from an approved school of optometry for admission to the licensing examination; Michigan, two years' study or graduation; North Dakota and Vermont, graduation from an approved school; the remaining 16 states have no professional requirement in law.

Summary. Licensed under the waiver, 1920; rejected, 453; number taking examination, 29; number licensed, 21; number rejected, 8.

Results of optometry licensing examinations

Rejections by topics

Physiologic optics.....	0
Practical optics.....	1
Theoretic optometry.....	1
Practical optometry.....	7
Anatomy and physiology of the eye.....	0
Total.....	<u>9</u>

CERTIFIED PUBLIC ACCOUNTANTS

The Regents in their April 1909 meeting discontinued the junior certificate for certified public accountant.

A decade's review of legislation affecting admission to the practice of certified public accountancy. This study continues along the lines of the earlier studies of law, medicine, dentistry, veterinary medicine and pharmacy.

In 1899 certified public accountancy was regulated by law in but one state — New York having enacted a law in 1896.

In 1909 laws have been enacted in 19 states, viz, California, Colorado, Connecticut, Florida, Georgia, Illinois, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Montana, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Utah and Washington.

Each state requires an examination in all cases. Seven states require examination only, viz, California, Georgia, Louisiana, Maryland, Michigan, Rhode Island and Washington.

Graduation from a high school or an equivalent education is required for admission to the licensing examination in seven states, viz, Colorado, Connecticut, Florida, Illinois, Montana, New York

and Ohio. In Minnesota, Pennsylvania and Utah the law places the preliminary requirements in the hands of the boards; in the remaining nine states there are no preliminary requirements in the law.

Examinations for certified public accountants were continued during the year. In accord with last year's report statistics are appended from the School of Commerce, Finance and Accounts connected with New York University, the only one of the State. The total number in faculty 31; students, 446 men and 5 women in the regular three year course; 498 unclassified and 7 graduates, made the total 956. 23 were graduated without degrees.

Results of C. P. A. examinations 1896-1909

	Candidates	Number rejected	Per cent accepted
1896-97	14	6	57.1
1897-98	15	9	40
1898-99	17	7	58.8
1899-1900	16	7	56.2
1900-1	17	4	76.4
1901-2	129	82	36.4
1902-3	68	58	14.7
1903-4	82	60	26.8
1904-5	77	41	46.7
1905-6	78	61	21.7
1906-7	104	74	28.8
1907-8	122	99	18.8
1908-9	112	64	42.8
	851	572	32.7

Rejections by topics

	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Theory of accounts	2	6	3 $\frac{1}{2}$	4	0	44	16	22	7	16	11	22	21
Practical accounting	4	4	4	6	3	68	53	54	38	50	67	88	54
Auditing	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	0	0	13	18	19	4	28	13	26	10
Commercial law	6	4	2	2	3	23	8	16	3	14	15	16	13

NURSE REGISTRATION

The American Society of Superintendents of Training Schools for Nurses and *The Nurses Association Alumnae of the United States* are two important national voluntary organizations acting in the development of nursing into a profession. The former is keenly alive to its responsibilities in providing a thorough course of training for the nurse that she may meet the many and varied demands

made upon her in an efficient and practical manner; the latter deals largely with the questions relating to the many fields of usefulness in which the graduate nurse is engaged.

The *American Hospital Association* recognizing the importance of improvement in the training schools as a direct means of benefiting the hospital has put out a report of its training school committee, suggesting regulations for the conduct of the school. Commenting on the report and the Washington meeting the editor of *The American Journal of Nursing*, who had much to do with the New York syllabus and more with the New York statute, says:

The curriculum in its general outline is similar to that issued by the Education Department. In some particulars standards are not quite so high, but it must be remembered that this is a recommendation to the training schools of the whole country and not exclusively to those of the few advanced states. We do not anticipate that state boards or schools that have already attained higher standards are going to lower them; the trend of education is always upward. It had been hoped that the higher admission qualifications might be deemed advisable by the committee, but out of consideration for the schools that find it difficult to secure enough pupils, it was thought best not to recommend more than one year in the high school or its equivalent, and the term equivalent is defined, which is a step in advance. The discussion showed that hospitals should no longer be considered only as places for the care of the sick. That they must be looked upon also as great education centers for the dissemination of knowledge or prophylaxis and right methods of living, and for the training of nurses and physicians who should be equipped there to meet the growing demands for teachers along these lines. The educational obligations of the large general hospitals are greater because of their broader facilities, and consequently, it is just that their term of service for nurse training should be longer than in the smaller schools. The practice of maintaining training schools in small private hospitals for commercial purposes was condemned.

The action of the *American Hospital Association* confirms again the assertion that in all the efforts that nurses have made for the betterment of nursing standards or conditions they have always had and will continue to have the support of physicians of the highest grade and the citizens of the greatest intelligence in every community.

The report, taken as a whole, was very kindly received and unanimously indorsed. There was no really adverse criticism of any part of it, and recommendation for the training of a cheaper grade of nurses for the great middle class was referred to a committee which will continue the work commenced this year and report at the next meeting.

This raises the very important question of training what are known in this State by the medical profession as "domestic nurses." Our nurse practice act provides for the education and training of registered nurses under rules and regulations made by the Board of Regents. It is clear that the nurse practice act should be so amended as to protect the public against deceit by nurses who term themselves "certified," "trained," or "graduate" nurses after a course of three or four months of instruction in schools which are organized for commercial reasons only, have no connection with any hospital and are consequently unable to give such training as that which is required for professional nurses. If the law could be so amended as to make it a misdemeanor not only to use the word "registered" but also to use the words "certified," "trained," and "graduate," a provision could be included in the law for the establishment under the Board of Regents of schools which could maintain a course of not less than one year and upon the completion of such course by any student, issue a certificate known as a "domestic nurse certificate," the work of the professional trained nurse would be entirely safeguarded and the public would be protected against impositions by those persons who now avoid violation of the law by terming themselves "certified nurses," "trained nurses," or "graduate nurses." At the same time, the demand for a domestic nurse who could act as an attendant upon those who do not require the service of a registered nurse, would in this way be fully met.

State Nurses Associations are active in promoting state registration of nurses. There are 28 state associations and 24 have obtained state laws. Two local societies of training school principals have been organized, one in Albany and vicinity, the other in Buffalo and vicinity, making four such societies, as two had been organized previously in Brooklyn and New York. Three other centers, Rochester, Syracuse and Utica, have had the matter under consideration and as it has met with favor they expect soon to form their societies. The main object of these meetings is to promote a higher degree of efficiency in nursing. The meetings are most informal and have already been very helpful in practical ways as well as being a source of inspiration.

The principal work of the council during the year was the revision of the syllabus. It is planned to take up the subjects of materia medica the coming year and to present it in greater detail for class work and the instructors' use.

The revision of the syllabus was undertaken early in the year as there was an urgent demand for it. In its new form the schedule of

lecture, recitation and demonstration classes are so tabulated as to make it a simple matter for instructors to apply it to the needs of the individual schools, with little if any alteration.

The preliminary course for probationers is outlined in detail and has been quite generally adopted. This course requires all practical work to be taught by an instructor instead of depending on students of the senior class to teach the probationers, as was formerly the custom. Even the small schools find this is not only possible but a vast improvement in acquiring deftness and accuracy on the part of the students.

At the September, October, December, April and June meetings of the Board of Regents 24 approved schools of nurse training were registered under chapter XII, Regents Revised Rules. These are given under Title VIII.

Handbook 13, *Registration of Nurses*, was issued June 1909. It contains a copy of the statute with notes thereon; a list of the schools of the United States and Canada registered or accredited through the June 1909 meeting arranged alphabetically by states and provinces and a synopsis of the statutory requirements for the registration of nurses throughout the United States.

The education of the nurse for the greatest usefulness of which she may be capable rests upon the principal and instructors of the school, the hospital board and the State legislators. New York State is advancing the nursing interests steadily and surely as is evident from the decade's review of legislation and this annual report.

The Board of Examiners met twice during the year to plan examinations and to assign examiners to the practical examinations in the four cities where the examinations are held. Special meetings of the board were held at the call of the First Assistant Commissioner. The large number of candidates this year made the practical examinations difficult for members of the board. It was necessary to give the practical tests in many of the hospitals which occupied a number of extra days.

Inspection. The special inspector of nurse training schools reports 114 formal and 50 informal inspections of existing schools during the year and 12 inspections of schools applying for registration or incorporation. She was also in attendance on 15 meetings of national, state and local associations and conferences.

The appointment of principals in the schools of the State hospitals for the insane is being made as rapidly as the right kind of women can be found for that special kind of work. Four positions

have been filled and the work of the schools is developing well, the practical nursing is receiving more attention and is being appreciated already by the officers of the institutions.

As records of the educational standing of students admitted to the schools have not been kept, a request has been made to have certificates of educational qualifications filed with the application papers. This will enable the principals to be more definite in their reports on the standing of students.

There are 117 schools having full registration and 5 on the accredited list. Three schools are making improvements to meet the requirements and 2 are organizing on approved standards with registration in view.

The principals have been changed in 48 schools during the year which invariably causes greater or less loss to the students. School authorities are urged to employ capable, experienced women and to support them in their official duties, which will go far toward reducing the number of changes. Principals are urged to keep full records of the theoretical and practical work of the students and an outline of the course of study in detail, so that when changes are made they will not be so serious for the students.

One hundred principals are registered nurses; in 1906 there were 59; in 1907, 73; in 1908, 83. A large proportion of assistants and permanent head nurses is registered. The interest of nurses in registration is growing as is shown by an increase of nearly 200 candidates for examination. The number of failures was less and the number of honors more, which also show an improvement in instruction.

There has been marked improvement in the instruction in the care of sick children. The examinations of the year show that in a list of nine subjects nursing of children ranked fifth in the number of those failing instead of the eighth as last year. On the other hand, dietetics has made a poorer showing than last year as more than a third failed this year against one fourth last year. This may be expected to vary from year to year from irregular and unsatisfactory instruction. Although it is one of the most important subjects for a nurse to thoroughly understand, the majority of the hospitals are not equipped to provide practical work and the theoretical course is limited for want of a trained teacher in connection with the hospitals. Twenty hours of theory and no practical experience is wholly inadequate to fit a nurse for the responsibility of preparing proper nourishment for her patients.

The July examination was by far the most satisfactory that has been held. There were 391 candidates in examination, representing 74 schools; 203 passed in all subjects; 44 failed and 19 received honor. These figures tend to show that the instructors, students and examiners have the same general understanding of the aims of the course of training.

Decade's review. In 1899 there were no laws regulating the practice of nursing; New York, New Jersey and North Carolina enacting registration laws in 1903.

In 1909 nursing is recognized by statute in 24 states: California, Colorado, Connecticut, District of Columbia, Georgia, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, Texas, Virginia, Washington, West Virginia and Wyoming.

The statutes of 23 of these states require an examination in all cases, but Michigan, Missouri, Oklahoma and Washington waive the examination in favor of graduates till 1912. In New Jersey graduates are registered and licensed with county clerks.

The statutes of 12 states permit the acceptance of a certificate of another board having an equal standard, viz, Colorado, District of Columbia, Illinois, Iowa, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, Oklahoma, Texas, Virginia.

For admission to the licensing examinations, California, Indiana, Michigan, Missouri, Nebraska and Oklahoma require completion of a grammar school education or the equivalent; New York, one year of high school subsequent to the eight years of grammar school; Maryland, North Carolina and West Virginia require a high school course or its equivalent; in Illinois, Virginia and Wyoming the law places the requirements in the hands of the boards.

Colorado has no professional requirement. The remaining 23 states require graduation from an approved nurse training school for admission to the licensing examination.

Summaries. In 1908 there were 401 candidates in examination, representing 67 schools; 363 received certificates; 191 passed in all subjects; 13 received honor, having passed seven subjects at 90 per cent or over, and 38 failed, not having secured a general average standing of 75 per cent, or falling below that standard in more than two subjects.

In 1909 there were 628 candidates representing 78 schools; 561 received certificates; 271 passed in all subjects; 25 received honor and 67 failed.

In 1908 there were 3036 students in training in 101 schools; classified as juniors 1219; intermediates 778; seniors 1039; 88 schools reporting 794 graduates.

In 1909 there were 3281 students in training in 109 schools; classified as juniors 1190; intermediates 1059; seniors 1033; 105 schools reporting 1005 graduates.

Seventy-eight schools reported 625 candidates for examination.

Counting the candidates from only the schools reporting the number of graduates, the following figures give the exact report: 57 schools having a total of 701 graduates, entered 501 candidates to the examination this year.

In 1908, 86 schools reported 986 lecturers and 329 other officers of instruction.

In 1909, 83 schools reported 887 lecturers and 379 other officers of instruction.

TECHNOLOGY AND OTHER SCHOOLS

It is contemplated hereafter to report conditions in the technical and other higher institutions of the State in four or five separate items, such as schools of engineering and technology; schools of art; schools of music; agricultural and other schools. In future reports attention should be given to the other institutions or associations incorporated by the Regents for the promotion of science, literature, art, history, and other departments of knowledge. These lines of work are of no small importance, the report of which has been lost to view because of the special or individual character of their activities. A closer inquiry into what each such institution is doing to justify the action of the Board of Regents in issuing a charter will correct this and add to the completeness of the report on the field of higher education.

Exhibit

TABLE

Statistics of universities, colleges,

No.	NAME	LOCATION
1		
UNIVERSITIES		
1	Columbia University	New York
2	Cornell University	Ithaca, Tompkins co.
3	New York University	New York
4	St Lawrence University	Canton, St Lawrence co.
5	Syracuse University	Syracuse, Onondaga co.
6	Union University	Schenectady
7	University of Buffalo	Buffalo, Erie co.
	Total	
2		
GRADUATE DEPARTMENTS		
1	Columbia University, graduate faculties	New York
2	Cornell University, graduate department	Ithaca, Tompkins co.
3	New York University, graduate school	New York
	Total	
COLLEGES FOR MEN		
1	Canisius College	Buffalo, Erie co.
2	Colgate University	Hamilton, Madison co.
3	College of St Francis Xavier	New York
4	College of the City of New York	New York
5	Columbia College	New York
6	Fordham University, St John's College	Fordham, New York co.
7	Hamilton College	Clinton, Onelida co.
8	Hobart College	Geneva, Ontario co.
9	Manhattan College	New York
10	New York University College	New York
11	Niagara University, collegiate department	Niagara Univ., Niagara co.
12	Polytechnic Institute of Brooklyn	Brooklyn, Kings co.
13	St Bonaventure's College	Allegany, Cattaraugus co.
14	St Francis College	Brooklyn, Kings co.
15	St John's College	Brooklyn, Kings co.
16	St Joseph's Seminary and College	Yonkers, Westchester co.
17	St Stephen's College	Annandale, Dutchess co.
18	Union College	Schenectady
	Total	
COLLEGES FOR WOMEN		
1	College of St Angela	New Rochelle, Westchester co.
2	Columbia University, Barnard College	New York
3	Elmira College	Elmira, Chemung co.
4	Normal College of the City of New York	New York
5	Vassar College	Poughkeepsie, Dutchess co.
6	Wells College	Aurora, Cayuga co.
7	William Smith College	Geneva, Ontario co.
	Total	

^a Including Barnard and Teachers Colleges and College of Pharmacy of the City of New York.

J

1

professional, technical and special schools

3	SENIOR OFFICERS OF FACULTY			No.
	b Denomination	Years in course	Days of regular instruction	
4	5	6		
Nicholas Murray Butler Ph.D. Lit.D. LL.D. (president).....	c		200	1
Jacob Gould Schurman M.A. D.Sc. LL.D. (president).....	c		198	2
Henry M. Mac Cracken D.D. LL.D. (chancellor).....	c		197	3
Almon Gunnison D.D. LL.D. (president).....	U		197	4
James Roscoe Day S.T.D. LL.D. (chancellor).....	M.E.		206	5
Charles Alexander Richmond D.D. (president).....	c	c		6
Charles P. Norton B.A. (chancellor).....	c	c		7
John W. Burgess Ph.D. LL.D. (dean).....		?	200	1
Thomas Frederick Crane M.A. Lit.D. (dean).....		?	198	2
Daniel W. Hering Ph.D. LL.D. C.E. (dean).....		?	197	3
Rev. Augustine A. Miller (president).....	R.C.	4	176	1
W. H. Crawshaw M.A. (president pro tem), John Greene, Ph.D. (dean).....	B.	4	156	2
Rev. Thomas J. McCloskey (president).....	R.C.	4	180	3
John Huston Finley LL.D. (president).....		4	181	4
J. Howard Van Amringe LL.D. (dean).....		4	200	5
Rev. Daniel J. Quinn (president), Rev. J. F. Quirk (dean).....	R.C.	4	210	6
Melancthon Woolsey Stryker D.D. LL.D. (president).....	P	4	210	7
Rev. Langdon Cheves Stewardson B.A. LL.D. (president).....	P.E.	4	199	8
Rev. Brother Jerome (president).....	R.C.	4	7201	9
Henry M. Mac Cracken D.D. LL.D. (chancellor).....		4	197	10
Very Rev. Edward J. Walsh (president).....	R.C.	4	181	11
Fred W. Atkinson Ph.D. (president).....		4	204	12
Very Rev. Joseph F. Butler (president).....	R.C.	4	232	13
Brother Vincent (president).....	R.C.	4	177	14
Very Rev. John W. Moore (president), Rev. E. L. Carey (dean).....	R.C.	4	182	15
Right Rev. P. J. Hayes D.D. (president).....	R.C.	4	180	16
William Cunningham Rodgers D.D. (warden).....	P.E.	4	160	17
Benjamin H. Ripton Ph.D. LL.D. (dean).....		4	213	18
Rev. M. C. O'Farrell (president).....	R.C.	4	160	1
William Tenney Brewster (acting dean).....		4	200	2
A. Cameron MacKenzie D.D. LL.D. (president).....	P.	4	170	3
George Samler Davis LL.D. (president).....		3-4	186	4
James Monroe Taylor D.D. LL.D. (president).....		4	170	5
George Morgan Ward D.D. LL.D. (president).....		4	183	6
Milton H. Turk Ph.D. (dean).....	P.E.	4	199	7

b U.=Universalist, M.E.=Methodist Episcopal, R.C.=Roman Catholic, B.=Baptist
P.=Presbyterian, P.E.=Protestant Episcopal. c See separate departments.

TABLE 1
Statistics of universities, colleges,

No.	OFFICERS OF INSTRUCTION					TOTAL FACULTY			NUMBER			
	Full professors	Adjunct, associate and ass't professors	Instructors and tutors	Lecturers	Other ass'ts on teaching force	Men	Women	Total	BY CLASSES			
									Freshmen 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year
	7	8	9	10	11	12	13	14	15	16	17	18
1	160	60	163	77	73	477	56	533	1 036	763	886	661
2	119	80	183	5	191	567	11	578	1 388	832	653	612
3	94	16	49	55	83	293	4	297	875	624	285	145
4	32	..	1	1	..	32	2	34	197	198	53	34
5	71	43	74	20	31	202	37	239	1 120	584	472	252
6	40	19	33	23	31	146	..	146	294	217	108	58
7	49	25	34	46	21	174	1	175	223	132	67	34
Tot.	565	243	537	227	430	1 891	111	2 002	5 133	3 350	2 524	1 826
1	103	19	10	8	..	140	..	140	..	..	..	..
2	119	80	..	..	..	199	..	199	..	..	..	..
3	22	4	2	3	..	31	..	31	..	..	..	..
Tot.	244	103	12	11	..	370	..	370	..	..	..	..
1	10	2	..	..	..	12	..	12	19	14	11	10
2	16	3	2	..	4	25	..	25	102	60	66	56
3	15	..	3	..	2	20	..	20	27	19	19	15
4	11	26	70	..	17	124	..	124	637	352	232	224
5	25	11	30	12	20	98	..	98	174	137	150	124
6	18	..	5	..	..	25	..	25	41	33	20	16
7	15	3	1	..	..	19	..	19	64	33	38	49
8	15	3	4	..	..	22	..	22	47	26	18	12
9	15	..	..	..	6	21	..	21	25	17	13	19
10	18	10	10	2	2	43	..	43	61	31	17	29
11	15	4	..	..	..	19	..	19	16	13	16	18
12	11	..	12	4	10	37	..	37	39	35	44	37
13	14	4	..	..	..	18	..	18	18	7	6	8
14	6	5	1	2	..	13	..	13	13	7	6	8
15	16	..	..	..	..	16	..	16	9	16	19	10
16	21	3	..	..	..	24	..	24	21	11	23	31
17	7	..	2	..	..	9	..	9	5	6	9	5
18	13	5	8	1	..	27	..	27	132	74	65	49
Tot.	261	79	148	27	55	570	..	570	1 450	909	794	729
1	22	..	..	5	7	9	18	27	21	21	10	5
2	25	8	22	7	..	49	20	69	161	114	108	68
3	16	..	3	..	7	6	13	19	45	51	42	35
4	10	11	22	..	..	8	42	50	310	292	234	..
5	25	5	46	..	25	17	84	101	332	244	213	214
6	14	2	10	14	1	19	22	41	73	42	34	31
7	15	3	4	..	..	22	..	22	18	..	..	..
Tot.	127	29	107	26	40	130	199	329	960	764	641	353

a Omitting clinical professors and assistants.

(continued)

professional, technical and special schools

AND CLASSIFICATION OF STUDENTS													No.
BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION				
B.A.	B.S.	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total		
19	20	21	22	23	24	25	26	27	28	29	30		
b.....	b.....	b.....	2 307	1 039	299	193	783	377	c 3 205	c 1 545	c 4 750	1	
b.....	b.....	b.....	3 141	344	217	19	259	51	c 3 584	c 401	c 3 985	2	
b.....	b.....	b.....	1 890	39	831	534	460	94	c 3 087	c 637	c 3 724	3	
b.....	b.....	b.....	365	117	12	17	4	4	c 381	c 125	c 506	4	
b.....	b.....	b.....	1 262	1 166	237	419	30	28	c 1 498	c 1 603	c 3 101	5	
b.....	b.....	b.....	700	7			13		713	7	720	6	
b.....	b.....	b.....	432	24	5	1	3	1	440	26	466	7	
.....	.....	.....	10 097	2 736	1 601	1 183	1 552	555	c 12 908	c 4 344	c 17 252	Tot.
.....	.....	.....	.....	.....	40	27	634	314	674	341	1 015	1
.....	.....	.....	.....	.....	.....	.....	259	51	259	51	310	2
.....	.....	.....	.....	.....	.....	.....	235	47	235	47	282	3
.....	.....	.....	.....	.....	40	27	1 128	412	1 168	439	1 607	Tot.
54	.....	.....	54	.....	.....	.....	.....	.....	54	.....	54	1
131	153	.....	284	.....	23	.....	5	.....	312	.....	312	2
80	.....	.....	80	.....	.....	.....	.....	.....	80	.....	80	3
761	684	.....	1 445	.....	.....	.....	.....	.....	1 445	.....	1 445	4
418	167	.....	585	.....	82	.....	.....	.....	667	.....	667	5
72	38	.....	110	.....	.....	.....	.....	.....	110	.....	110	6
79	6	99	184	.....	1	.....	1	.....	186	.....	186	7
29	67	7	103	.....	4	.....	.....	.....	107	.....	107	8
23	51	.....	74	.....	.....	.....	.....	.....	74	.....	74	9
95	43	.....	138	.....	204	175	.....	.....	342	175	517	10
63	.....	.....	63	.....	2	.....	.....	.....	65	.....	65	11
2	19	134	155	.....	24	.....	71	.....	250	.....	250	12
88	.....	.....	88	.....	.....	.....	.....	.....	88	.....	88	13
34	.....	.....	34	.....	.....	.....	.....	.....	34	.....	34	14
54	.....	.....	54	.....	1	.....	.....	.....	55	.....	55	15
86	.....	.....	86	.....	.....	.....	.....	.....	86	.....	86	16
24	.....	1	25	.....	21	.....	.....	.....	46	.....	46	17
30	58	232	320	.....	.....	.....	12	.....	332	.....	332	18
2 123	1 286	473	3 882	.....	362	175	89	.....	4 333	175	4 508	Tot.
57	.....	.....	57	.....	.....	.....	.....	.....	57	.....	57	1
451	.....	.....	451	.....	47	.....	.....	.....	498	.....	498	2
131	42	.....	173	.....	116	.....	.....	.....	290	.....	290	3
836	.....	.....	836	.....	.....	.....	.....	.....	836	.....	836	4
1 003	.....	.....	1 003	.....	9	.....	.....	6	1 018	.....	1 018	5
180	.....	.....	180	.....	4	.....	.....	.....	180	.....	180	6
11	7	.....	18	.....	.....	.....	.....	.....	22	.....	22	7
2 669	49	.....	2 718	.....	.....	176	.....	7	2 901	.....	2 901	Tot.

b See separate departments.

c Omitting duplicates.

TABLE 1
Statistics of universities, colleges,

No. F.	DEGREES CONFERRED ON COMPLETION OF COURSE													Total	
	B.A.	Ph.B.	B.S.	B.D.	Pd.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	Other degrees	Men	Women
	31	32	33	34	35	36	37	38	39	40	41	42	43			44	45
1	189	.....	176	.....	.....	69	82	.....	a81	.....	25	22	68	503	209
2	188	.....	42	.....	.....	48	54	.....	.....	.....	104	206	12	588	91
3	15	.....	72	.....	.....	156	74	.....	.....	.....	2	3	49	353	23
4	16	.....	17	1	.....	87	.....	.....	.....	.....	.....	.....	.....	97	24
5	48	153	33	.....	9	30	33	.....	.....	.....	24	21	44	230	165
6	4	5	10	.....	.....	48	37	.....	b23	.....	.....	.....	26	148	5
7	.....	.....	.....	.....	.....	26	34	20	b23	.....	.....	.....	4	104	3
Tot.	480	158	350	1	9	464	314	20	127	30	155	252	203	2 023	520
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tot.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....
2	27	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56	.....
3	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....
4	62	.....	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131	.....
5	91	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116	.....
6	14	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....
7	23	20	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49	.....
8	5	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....
9	5	.....	12	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	20	.....
10	15	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	12
11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
12	1	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53	.....
13	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	4	20	16	.....
14	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....
15	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
18	4	5	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	.....
Tot.	308	26	204	.....	.....	.....	.....	.....	.....	.....	25	4	47	602	12
1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
2	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98	.....
3	27	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	.....
4	196	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	196	.....
5	217	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217	.....
6	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tot.	573	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	581	.....

a Conferred by College of Pharmacy of the City of New York.

b Phar.B. conferred.

TABLE 1

Statistics of universities, colleges,

No.	NAME	LOCATION
I		2
COLLEGES FOR MEN AND WOMEN		
1	Adelphi College.....	Brooklyn, Kings co.....
2	Alfred University, college of liberal arts.....	Alfred, Allegany co.....
3	Cornell University, college of arts and sciences.....	Ithaca, Tompkins co.....
4	Keuka College.....	Keuka Park, Yates co.....
5	St Lawrence University, college of letters and science.....	Canton, St Lawrence co.....
6	Syracuse University, college of liberal arts.....	Syracuse, Onondaga co.....
7	University of Rochester.....	Rochester, Monroe co.....
	Total.....	.....
THEOLOGY		
1	Alfred University, Alfred Theological Seminary.....	Alfred, Allegany co.....
2	Auburn Theological Seminary.....	Auburn, Cayuga co.....
3	Colgate University, Hamilton Theological Seminary.....	Hamilton, Madison co.....
4	General Theological Seminary of the P. E. Church.....	New York.....
5	German Martin Luther Seminary.....	Buffalo, Erie co.....
6	Hartwick Seminary, theological department.....	Hartwick Sem., Otsego co.....
7	Jewish Theological Seminary of America.....	New York.....
8	Niagara University, Seminary of Our Lady of Angels.....	Niagara Univ., Niagara co.....
9	Rochester Theological Seminary.....	Rochester, Monroe co.....
10	St. Bernard's Seminary.....	Rochester, Monroe co.....
11	St. Bonaventure's College, theological department.....	Allegany, Cattaraugus co.....
12	St. John's College, theological department.....	Brooklyn, Kings co.....
13	St. Joseph's Seminary and College.....	Yonkers, Westchester co.....
14	St Lawrence University, Canton Theological School.....	Canton, St Lawrence co.....
15	Union Theological Seminary.....	New York.....
	Total.....	.....
EDUCATION		
1	Columbia University, Teachers College.....	New York.....
2	New York State Normal College.....	Albany.....
3	New York University, school of pedagogy.....	New York.....
4	Syracuse University, Teachers College.....	Syracuse, Onondaga co.....
	Total.....	.....
LAW		
1	Columbia University, faculty of law.....	New York.....
2	Cornell University, college of law.....	Ithaca, Tompkins co.....
3	Fordham University, school of law.....	Fordham, New York co.....
4	New York Law School.....	New York.....
5	New York University Law School.....	New York.....
6	St Lawrence University, Brooklyn Law School.....	Brooklyn, Kings co.....
7	Syracuse University, school of law.....	Syracuse, Onondaga co.....
8	Union University, Albany Law School.....	Albany.....
9	University of Buffalo, Buffalo Law School.....	Buffalo, Erie co.....
	Total.....	.....

(continued)

professional, technical and special schools

SENIOR OFFICER OF FACULTY	Denomination	Years in courses	Days of regular instruction	No.
3	4	5	6	
Charles H. Levermore Ph.D. (president).....		2-4	175	1
Boothe Colwell Davis Ph.D. D.D. (president).....	7B.	4	176	2
Charles Henry Hull Ph.D. (dean).....		4	198	3
Arthur Braden (president).....	B.	4	168	4
Henry Priest Ph.D. (dean).....	U.	4	197	5
Frank Smalley Ph.D. (dean).....	M.E.	4	206	6
Rush Rhees D.D. LL.D. (president).....	B.	4	171	7
.....				
Arthur Elwin Main M.A. Ph.D. D.D. (dean).....	7B.	4	161	1
George Black Stewart D.D. LL.D. (president).....	P.	3	157	2
Sylvester Burnham D.D. (dean).....	B.	3	156	3
Very Rev. Willford L. Robbins D.D. LL.D. (dean)	P.E.	3	128	4
Rev. John N. Grabau (president).....	L.	3	1200	5
Alfred Hiller D.D. (chairman).....	L.	3	178	6
Solomon Schechter M.A. Lit.D. (president).....	He.	4	160	7
Very Rev. Edward J. Walsh (president).....	R.C.	4	181	8
Augustus Hopkins Strong D.D. LL.D. (president)	B.	3	156	9
Rev. James J. Hartley (prorector).....	R.C.	6	205	10
Very Rev. Joseph F. Butler (president).....	R.C.	4	232	11
William C. Hoctor (dean).....	R.C.	6	182	12
Very Rev. James F. Driscoll D.D. (president).....	R.C.	4	172	13
Henry Prentiss Forbes D.D. (dean).....	U.	3	197	14
Francis Brown Ph.D. D.D. LL.D. (president).....	P.	3	1150	15
.....				
James Earl Russell Ph.D. LL.D. (dean).....		b.....	200	1
William J. Milne Ph.D. LL.D. (president).....		4	180	2
Thomas M. Balliet Ph.D. (dean).....		2-3	197	3
Jacob Richard Street Ph.D. (dean).....	M.E.	4	206	4
.....				
George Washington Kirchwey B.A. LL.D. (dean).....		3	200	1
Frank Irvine B.S. LL.B. (dean).....		3-4	198	2
Paul Fuller LL.D. (dean).....	R.C.	3	210	3
George Chase LL.D. (dean).....		2	201	4
Clarence D. Ashley LL.D. J.D. (dean).....		2-3	197	5
William Payson Richardson LL.D. (dean).....		2	197	6
James B. Brooks M.A. D.C.L. (dean).....	M.E.	3	206	7
J. Newton Fiero LL.D. (dean).....		2	167	8
Carlos C. Alden J.D. (dean).....		2	1201	9
.....				

a 7B.=Seventh Day Baptist, B.=Baptist, U.=Universalist, M.E.=Methodist Episcopal, P.=Presbyterian, P.E.=Protestant Episcopal, L.=Lutheran, He.=Hebrew, R.C.=Roman Catholic. b Courses vary in length.

TABLE 1
Statistics of universities, colleges,

No.	OFFICERS OF INSTRUCTION					NUMBER							
	Full professors	Adjunct, associate and ass't professors	Instructors and tutors	Lecturers	Other ass'ts on teaching force	TOTAL FACULTY			BY CLASSES				
						Men	Women	Total	Freshmen 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year	
7	8	9	10	11	12	13	14	15	16	17	18		
1	16	3	12			18	13	31	171	96	73	51	
2	11	1	1	2		14	1	15	43	26	15	28	
3	48	33	57		84	219	3	222	345	207	146	186	
4	11		2			7	6	13	5	11	5	4	
5	8		1			8	1	9	71	43	29	34	
6	32	18	21	1	22	73	21	94	556	271	223	154	
7	13	4	6	1		23	1	24	116	82	63	46	
Tot.	139	59	100	4	106	362	46	408	1 307	736	554	503	
1	4		1	8		13		13	1	4	2	1	
2	7	3				11		11	33	20	18		
3	9	1	2	6		18		18	23	18	18		
4	8	2	5	2		17		17	31	33	24		
5	2	1	2			5		5	4	5	3		
6	1	2				3		3	1	2	2		
7	6		4			10		10	10	10	5	1	
8	9					9		9	16	11	18	10	
9	11	1	2		2	16		16	38	40	29		
10	13	1		2		16		16	19	36	47	687	
11	6					6		6	15	20	16	16	
12	6					6		6	1	11	16	c36	
13	11		2			13		13	32	22	23	14	
14	4			1		5		5	5	2	6		
15	10	3	4	4		21		21	43	44	38		
Tot.	107	14	23	23	2	169		169	272	278	265	165	
1	26	12	48			50	36	86	a.....	a.....	359	305	
2	21				12	14	19	33	57	51	49	8	
3	4			13		14	4	18					
4	16	4	8			22	6	28	29	22	21	6	
Tot.	67	16	57	13	12	100	65	165	86	73	429	319	
1	11			1		12		12	139	104	72		
2	5		2			7		7	99	73	46		
3	11					11		11	68	53	20		
4	9		8			17		17	197	211			
5	9	1		2		12		12	319	300	78		
6	15					15		15	81	142	18		
7	4		11			20	1	21	88	45	35		
8	2			6		8		8	71	64			
9	10			17	1	28		28	49	33			
Tot.	76	1	21	40	1	138	1	139	1 111	1 025	269		

a First two years' work done in Columbia College; students counted there. b Including 24 fifth year and 17 sixth year students. c Including 13 fifth year and 11 sixth year students.

(continued)

professional, technical and special schools

AND CLASSIFICATION OF STUDENTS

BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION			No.
B.A.	B.S.	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total	
19	20	21	22	23	24	25	26	27	28	29	30	Tot.
248	7	143	58	333	9	32	2	20	89	385	454	
7	40	65	57	55	4	8	1	2	82	65	127	1
884	8	17	583	301	10	8	1	2	593	309	902	2
8	87	14	14	11	2	1	2	4	16	12	28	3
90	87	89	89	88	4	2	4	4	97	94	191	4
205	218	781	476	728	101	49	27	15	604	792	1 396	5
76	123	108	199	108	30	9	2	4	231	121	352	6
1 518	485	1 097	1 478	1 624	160	109	36	45	1 672	1 778	3 450	7
B.D.												
Men	Wom.											
8			8		7	4			15	4	19	1
d71			71				2		73		73	2
d59			59				1		60		60	3
d88			88		10		10		108		108	4
d12			12						12		12	5
5			5						5		5	6
d26			26						26		26	7
d55			55						55		55	8
d107			107				5		112		112	9
189			189						189		189	10
d67			67						67		67	11
d64			64						64		64	12
d91			91						91		91	13
d11	d2		11	2	2	1			13	3	16	14
e124	1		124	1	6	3	34	1	164	5	169	15
977	3		977	3	25	8	52	1	1 054	12	1 066	Tot.
Pd.B.												
d251	B.S.											
413	42	123	87	577	23	104	139	62	249	743	992	1
			17	148	3	9	1	9	21	168	187	2
					147	339	112	41	259	380	639	3
12		66	4	74					4	74	78	4
263	455	189	108	799	173	452	252	112	533	1 363	1 896	Tot.
LL.B.												
Men	Wom.											
315			315		43				358		358	1
217	1		217	1	7				224	1	225	2
141			141		5				146		146	3
408			408		371		56		835		835	4
663	34		663	34			68	5	731	39	770	5
234	7		234	7	6	2			240	9	249	6
163	5		163	5	11				174	5	179	7
132	3		132	3					132	3	135	8
79	3		79	3					79	3	82	9
2 352	53		2 352	53	443	2	124	5	2 919	60	2 979	Tot.

d Not working for degree. e Only 57 of these working for degree.

TABLE 1
Statistics of universities, colleges,

DEGREES CONFERRED ON COMPLETION OF COURSE															
No.	B.A.	Ph.B.	B.S.	B.D.	Ed.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	Others	Total	
														Men	Women
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
1	252													23	249
2	5	15												9	18
3	188		7											102	86
4	1		3											2	2
5	16		17											16	17
6	48	153	33											91	144
7	16	15	25										1	38	18
Tot.	326	183	85										1	261	334
1				1										1	
2															
3														8	
4				6										6	
5															
6															
7													5	5	
8															
9				5										5	
10		2												2	
11															
12															
13															
14														1	
15				26										25	21
Tot.		2		47									5	53	1
1			139											32	107
2	6		1		6									3	10
3															
4					9									4	5
Tot.	6		140		15									39	122
1						69								69	
2						48								47	1
3						16								16	
4						146								146	
5						158								146	10
6						87								80	7
7						30								29	1
8						48								47	1
9						26								26	
Tot.						626								606	20

a Conferred by University of the State of New York on students recommended by faculty.

(continued)

professional, technical and special schools

HIGHER DEGREES CONFERRED DURING YEAR										GRADUATED WITHOUT DEGREES			HONORARY DEGREES CONFERRED					No.
ON EXAMINATION						IN COURSE WITHOUT EXAMINATION		GRADUATED WITHOUT DEGREES		D. D. or S. T. D.	L. L. D.	All others	Total					
M. A.	Ph. D.	M. S.	All others	Men	Women	M	Women	Men	Women				Men	Women	Men	Women		
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60				
5				1	4				32		1	3	1	5	1			
									1						2			
3	2	2	6	8	5				14			1	1	2	7			
2		1		1	2													
10	2	3	6	10	11				47	1	4	2	7	Tot.				
									18						1			
									8						2			
									24						3			
									2		1		1		4			
									12						5			
									20						6			
									18						7			
									6						8			
									10						9			
									14						10			
									4						11			
									14						12			
									4						13			
									14						14			
									150	1			1		15			
															Tot.			
									81	222					1			
													3	3	2			
			26	22	4										3			
									12						4			
			26	22	4				81	234			3	3	Tot.			
															1			
															2			
				16	16										3			
				23	23				24	1					4			
				12	12										5			
															6			
									3						7			
															8			
															9			
				51	51				27	1					Tot.			

TABLE 1
Statistics of universities, colleges,

No.	NAME	LOCATION
I		
MEDICINE		
1	Columbia Univ., College of Physicians and Surgeons.	New York.
2	Cornell University Medical College	aNew York.
3	Eclectic Medical College.	New York.
4	Fordham University, school of medicine.	Fordham, New York co.
5	Long Island College Hospital.	Brooklyn, Queens co.
6	New York Homeopathic Medical College and Hospital.	New York.
7	New York Medical College and Hospital for Women.	New York.
8	New York Polyclinic Medical School and Hospital.	New York.
9	New York Postgraduate Medical School and Hospital.	New York.
10	Syracuse University, college of medicine.	Syracuse, Onondaga co.
11	Union University, Albany Medical College.	Albany.
12	University and Bellevue Hospital Medical College.	New York.
13	University of Buffalo, medical department	Buffalo, Erie co.
	Total	
DENTISTRY		
1	New York College of Dental and Oral Surgery.	New York.
2	New York College of Dentistry.	New York.
3	University of Buffalo, college of dentistry.	Buffalo, Erie co.
	Total	
PHARMACY		
1	Brooklyn College of Pharmacy	Brooklyn, Kings co.
2	Columbia Univ. College of Phar. of the City of N. Y.	New York.
3	Union University, Albany College of Pharmacy.	Albany.
4	University of Buffalo, college of pharmacy.	Buffalo, Erie co.
	Total	
VETERINARY		
1	Cornell Univ., New York State Veterinary College.	Ithaca, Tompkins co.
2	New York Univ., N. Y. American Veterinary College.	New York.
	Total	
OPHTHALMOLOGY		
1	New York Ophthalmic Hospital.	New York.
ENGINEERING AND TECHNOLOGY		
1	Columbia University, faculty of applied science.	New York.
2	Cornell University, college of civil engineering.	Ithaca, Tompkins co.
3	Cornell Univ., Sibley Col. of Mech. Eng. & Mech. Arts.	Ithaca, Tompkins co.
4	New York University, school of applied science.	New York.
5	Rensselaer Polytechnic Institute.	Troy, Rensselaer co.
6	Syracuse Univ., Lyman Cornelius Smith Col. of Ap. sc.	Syracuse, Onondaga co.
7	Thomas S. Clarkson Memorial School of Technology.	Potsdam, St Lawrence co.
	Total	

a Work in first and second years given in Ithaca also.

(continued)

professional, technical and special schools

SENIOR OFFICER OF FACULTY		b School of practice	Years in course	Days of regular instruction	No.
3	4	5	6		
Samuel W. Lambert M.D. (dean).....	A.	4	200	1	
W. M. Polk M.D. (New York), A. T. Kerr M.D. (Ithaca) (deans) ..	A.	4	198	2	
George W. Boskowitz M.A., M.D. (acting dean).....	E.	4	198	3	
James J. Walsh Ph.D. LL.D. M.D. (dean).....	A.	4	210	4	
John D. Rushmore B.A. M.D. (dean).....	A.	4	193	5	
Royal S. Copeland M.D. (dean).....	H.	4	180	6	
Frank H. Boynton M.D. (president).....	H.	4	183	7	
John A. Wyeth M.D. (president).....	A.	?	7213	8	
George N. Miller M.D. (president).....	c.	?	7300	9	
John L. Heffron M.D. (dean).....	A.	4	206	10	
Samuel B. Ward M.D. (dean).....	A.	4	188	11	
Egbert Le Fevre M.D. (dean).....	A.	4	197	12	
Matthew D. Mann M.A. M.D. (dean).....	A.	4	198	13	
.....					
William Carr M.D. D.D.S. (dean).....		3	199	1	
Faneuil D. Weisse M.D. (dean).....		3	205	2	
George B. Snow D.D.S. (dean).....		3	188	3	
.....					
William C. Anderson Phar.D. (dean).....		2	225	1	
Henry H. Rusby M.D. (dean).....		2	200	2	
Willis G. Tucker Ph.D. M.D. (dean).....		2	149	3	
Willis G. Gregory M.D. Ph.G. (dean).....		2-3	184	4	
.....					
Veranus Alva Moore B.S. M.D. (dean).....	A.	3	198	1	
W. J. Coates M.D. D.V.S. (dean).....	A.	3	197	2	
.....					
Charles Deady M.D. (dean).....		1	145	1	
.....					
Frederick A. Goetze M.S. (dean).....		4	200	1	
Eugene Elwin Haskell C.E. (dean).....		4	198	2	
Albert William Smith M.M.E. (dean).....		4	198	3	
Charles Henry Snow, D.Sc. C.E. (dean).....		4-5	197	4	
Palmer C. Ricketts C.E. (president).....		4	181	5	
George H. Shepard M.M.E. (dean).....		4	206	6	
William Sleeper Aldrich M.E. (director).....		4	204	7	

b A.=allopathic, E.=eclectic, H.=homeopathic. c All legal practitioners.

TABLE 1
Statistics of universities, colleges,

No.	OFFICERS OF INSTRUCTION					TOTAL FACULTY			BY CLASSES			
	Full professors	Adjunct, associate and ass't professors	Instructors and tutors	Lecturers	Other ass'ts on teaching force	Men	Women	Total	Freshmen 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year
1	24	13	54	35	37	163	.....	163	100	59	71	82
2	40	16	62	4	51	173	.....	173	14	64	70	54
3	18	2	9	18	.....	44	1	45	27	10	7	12
4	32	11	23	7	.....	73	.....	73	18	8	6	12
5	9	24	33	11	17	94	.....	94	70	71	73	91
6	21	.....	4	14	16	65	.....	65	33	14	24	21
7	33	6	.....	11	5	28	19	45	5	5	5	4
8	21	22	31	26	51	146	5	151	.....	.....	.....	.....
9	39	34	86	.....	70	224	5	229	.....	.....	.....	.....
10	14	11	16	14	8	63	.....	63	52	33	29	33
11	16	12	22	14	30	94	.....	94	49	46	43	39
12	37	3	29	18	77	164	.....	164	154	101	71	84
13	16	22	29	20	12	98	1	99	66	42	43	34
Tot.	318	176	398	192	374	1 427	31	1 458	588	455	442	466
1	6	2	21	13	4	45	1	46	41	33	41	.....
2	5	.....	11	3	16	35	.....	35	92	82	107	.....
3	11	2	1	7	7	28	.....	28	36	17	20	.....
Tot.	22	4	33	23	27	108	1	109	169	132	168	.....
1	5	3	5	6	.....	19	.....	19	110	80	.....	.....
2	3	3	3	.....	.....	14	.....	14	140	111	.....	.....
3	3	2	3	.....	1	9	.....	9	42	31	.....	.....
4	12	1	4	2	1	20	.....	20	72	40	4	.....
Tot.	28	9	15	8	2	62	.....	62	364	262	4	.....
1	10	2	2	.....	15	29	.....	29	40	26	25	.....
2	13	.....	1	2	1	17	.....	17	7	3	6	.....
Tot.	23	2	3	2	16	46	.....	46	47	29	31	.....
1	.....	.....	.....	18	.....	16	2	18	.....	.....	.....	.....
1	27	14	26	19	22	108	.....	108	222	238	126	82
2	6	13	15	.....	1	35	.....	35	207	138	110	111
3	9	7	34	.....	19	70	.....	70	478	252	208	206
4	12	8	6	.....	2	37	.....	37	89	52	44	32
5	12	6	29	8	.....	55	.....	55	368	123	65	81
6	20	12	10	.....	1	31	.....	31	167	83	79	42
7	2	1	2	.....	4	16	.....	16	21	23	20	14
Tot.	85	61	124	33	49	352	.....	352	1 548	908	647	568

a Working for Phar.B. b All first year students in this school are reported under C.E. as nurses are identical in first year

(continued)

professional, technical and special schools

AND CLASSIFICATION OF STUDENTS

BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION			No.
M.D.			Men	Women	Men	Women	Men	Women	Men	Women	Total	
Men	Women	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total	
19	20	21	22	23	24	25	26	27	28	29	30	
312			312		34				346		346	1
183	19		183	19	17	2			200	21	221	2
50	6		50	6	36	3	1		87	9	96	3
44			44						44		44	4
305			305		59				364		364	5
92			92				2		94		94	6
	19			19						19	19	7
							176	6	176	6	182	8
							571	12	571	12	583	9
135	12		135	12			1		135	12	147	10
179			179				1		180		180	11
410			410				35		445		445	12
176	9		176	9	5	1	3	1	184	11	195	13
1 886	65		1 886	65	151	6	789	19	2 826	90	2 916	Tot.
D.D.S.												
Men	Wom'n											
93	22		93	22					93	22	115	1
281			281		23				304		304	2
69	4		69	4					69	4	73	3
443	26		443	26	23				466	26	492	Tot.
Ph.G.												
Men	Wom'n											
181	9		181	9					181	9	190	1
242	9		242	9	8	1	6	1	256	11	267	2
69	4		69	4					69	4	73	3
286	22	28	108	8					108	8	116	4
578	24	28	600	30	8	1	6	1	614	32	646	Tot.
D.V.S. D.V.M.												
	91		90	1	3				93	1	94	1
16			16						16		16	2
16	91		106	1	3				109	1	110	Tot.
							4		4		4	1
C.E. M.E.												
6322	676	6270	668		29				697		697	1
566			566		3				569		569	2
	1 137		1 137		25				1 162		1 182	3
		217	217		2		4		223		223	4
524	39	72	635		31		1		667		667	5
137	79	154	370		31				401		401	6
		78	78		16				94		94	7
1 540	1 331	791	3 671		137		5		3 813		3 813	Tot.

TABLE 1
Statistics of universities, colleges,

No.	DEGREES CONFERRED ON COMPLETION OF COURSE													Total	
	B.A.	Ph.B.	B.S.	B.D.	Ph.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	Others	Men	Women
	31	32	33	34	35	36	37	38	39	40	41	42	43			44	45
1							82							82	
2							54							52	2
3							9							9	
4							11							11	
5							76							76	
6							16							16	
7							4							4	
8															
9															
10							33							31	2
11							37							37	
12							74							74	
13							84							84	
Tot.							430							422	8
1								a35						a28	7
2								b75						b75	
3								20						20	
Tot.								130						123	7
1									68					64	4
2									81				7	84	4
3									23					19	4
4									c23				4	24	3
Tot.									195				11	191	15
1										25				25	
2										5				5	
Tot.										30				30	
1															
1			6							25	22	59		112	
2										104				104	
3											206			206	
4			32							2	3			37	
5			1							79				80	
6										24	21	21		66	
7			14											14	
Tot.			53							234	252	80		619	

a Conferred by the University of the State of New York on students recommended by the faculty. b Conferred by the trustees and directors on the recommendation of the faculty with the consent of the Regents of the University. c Phar.B. conferred.

TABLE 1
Statistics of universities, colleges,

No.	NAME	LOCATION
	I	2
	ART	
1	Columbia University, faculty of fine arts.....	New York.....
2	Cooper Union, Art School.....	New York.....
3	New York School of Applied Design for Women.....	New York.....
4	Syracuse University, college of fine arts.....	Syracuse, Onondaga co.....
	Total.....	.....
	MUSIC	
1	aAmerican College of Musicians.....	New York.....
2	Grand Conservatory of Music.....	New York.....
3	Institute of Musical Art of the City of New York.....	New York.....
4	Metropolitan College of Music.....	New York.....
5	New York College of Music.....	New York.....
	Total.....	.....
	AGRICULTURE	
1	Cornell University, college of agriculture.....	Ithaca, Tompkins co.....
2	St Lawrence University, school of agriculture.....	Canton, St Lawrence co.....
	Total.....	.....
	OTHER	
1	Alfred Univ., N. Y. State School of Clay-working and Ceramics.....	Alfred, Allegany co.....
2	Cornell University, college of architecture.....	Ithaca, Tompkins co.....
3	New York State Library School.....	Albany.....
4	N. Y. Univ., school of commerce, accounts and finance.....	New York.....
5	Pratt Institute.....	Brooklyn, Kings co.....
	Total.....	.....
	SPECIAL	
1	bAmerican Institute of Phrenology.....	New York.....
2	Conrad Poppenhusen Association.....	College Point, Queens co.....
3	Cooper Union, Day and Night School.....	New York.....
4	Hebrew Technical Institute.....	New York.....
5	New York Trade School.....	New York.....
	Total.....	.....
	FOREIGN COLLEGES	
1	bCanton Christian College.....	Canton, China.....
2	Mackenzie College.....	Sao Paulo, Brazil.....
3	Robert College of Constantinople.....	Constantinople, Turkey.....
4	Syrian Protestant College.....	Beirut, Syria.....
	Total.....	.....

a Institution merely conducts examinations. b Figures from last year's report, no report having been received this year.

(continued)

professional, technical and special schools

SENIOR OFFICER OF FACULTY		b Denomination	Years in course	Days of regular instruction	No.
3		4	5	6	
James R. Wheeler Ph.D. (acting dean)			?	200	1
Frederick Dielman (director)		c	?	162	2
Ellen J. Pond (superintendent)			?	180	3
George Albert Parker Mus.D. (dean)		M.E.	2-4	206	4
.....					
Albert Ross Parsons (president)					1
Ernest Eberhard Mus.D. (director)			4	1297	2
Frank Damrosch (director)			3	180	3
Kate S. Chittenden (president)			?	235	4
Carl Hein (president)			?	?	5
.....					
Liberty Hyde Bailey M.S. LL.D. (dean)			4	198	1
Herbert Ellis Cook (dean)		U.	2	197	2
.....					
Charles Fergus Binns M.S. (director)			4	176	1
Clarence Augustine Martin (dean)			4	198	2
James I. Wyer, Jr. M.L.S. (director)			2	210	3
Joseph F. Johnson B.A. D.C.S. (dean)			3	197	4
Frederick B. Pratt M.A. (secretary)		c		200	5
.....					
J. A. Fowler (vice president)			1	51	1
c			?	182	2
Charles R. Richards (director)		e		162	3
Edgar S. Barney M.A. D.Sc. C.E. (principal)		H.	3	1212	4
c			?	153	5
.....					
Charles K. Edmunds Ph.D. (president)		P.	4-6	231	1
Horace M. Lane LL.D. M.D. (president)		P.	6	206	2
Caleb Frank Gates D.D. LL.D. (president)			4	1217	3
Howard S. Bliss D.D. (president)			3-4	1177	4
.....					

- No organized faculty. d M.E.=Methodist Episcopal. U.=Universalist, H.=Hebrew, P.=Presbyterian. e Courses vary in length.

TABLE 1
Statistics of universities, colleges,

No.	OFFICERS OF INSTRUCTION					TOTAL FACULTY			NUMBER			
	Full professors	Adjunct, associate and asst professors	Instructors and tutors	Lecturers	Other ass'ts on teaching force	Men	Women	Total	BY CLASSES			
									Freshmen 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year
	7	8	9	10	11	12	13	14	15	16	17	18
1	5	3	2	4		14		14	a100			
2	1		20			18	3	21	b1 035	286	158	64
3	9	7				7		16	210	175	91	12
4	18	4	15			23	14	37	228	131	85	17
Tot.	33	14	37	4		62	26	88	1 573	592	334	93
1												
2	6	9	5	4	3	18	9	27	113	47	32	16
3	66			3		43	26	69	280	124	108	
4	17		11	6		16	18	34	a563			
5	28	3				25	6	31	a543			
Tot.	117	12	16	13	3	102	59	161	1 499	171	140	16
1	10	20	15		32	69	8	77	139	52	37	41
2	5					4	1	5	40	11		
Tot.	15	20	15		32	73	9	82	179	63	37	41
1	6	1	2	1	2	11	1	12	9	9	3	2
2	3	2	3	1		9		9	68	2	16	14
3			9	15	21	15	30	45	24	9		
4	6	2	7	14	2	31		31	245	137	69	
5	9	77	51	12		83	66	149	a3 707			
Tot.	24	82	72	43	25	149	97	246	4 053	175	88	16
1				3		2	1	3	2			
2			9		2	9	2	11	74	18	3	
3	5	3	37			43	2	45	b765	338	248	c295
4			14			14		14	90	97	85	
5			28			28		28	a720			
Tot.	5	3	88	3	2	96	5	101	1 651	453	336	295
1	4		13			17		17	3			
2	20	6	5	3	3	35	2	37	51	52	37	d26
3	13	7	27		2	48	1	49	52	28	30	19
4	13	7	12			32		32	195	88	98	29
Tot.	50	20	57	3	5	132	3	135	301	168	165	74

a Including all students regardless of years of attendance; students not arranged by classes. b Including some students not arranged by classes. c Including 128 fifth year students. d Including four fifth year and seven sixth year students.

(continued)

professional, technical and special schools

AND CLASSIFICATION OF STUDENTS													No.
BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION				
Men	Women	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total		
19	20	21	22	23	24	25	26	27	28	29	30		
		100	98	2	40	14	4		142	16	158	1	
		543	221	322					221	322	1 543	2	
		488		488						488	488	3	
		461	114	347	94	370	3	13	211	730	941	4	
		2 592	1 433	1 159	134	384	7	13	1 574	1 556	3 130	Tot.	
		208	64	144					64	144	208	1	
		512	92	420	1	22	13	37	106	479	585	2	
		563	46	517					46	517	563	3	
		543	78	465					78	465	543	4	
		1 826	280	1 546	1	22	13	37	294	1 605	1 899	Tot.	
250	19		250	19	138	8			388	27	415	1	
		51	31	20		12			31	32	63	2	
250	19	51	281	39	138	20			419	59	478	Tot.	
11		12	12	11	2	9			14	20	34	1	
		118	115	3	14	1			129	4	133	2	
		33	9	24		12			9	36	45	3	
		451	446	5	478	20	6	1	930	26	956	4	
		3 707	1 660	2 047					1 660	2 047	3 707	5	
11		4 321	2 242	2 090	494	42	6	1	2 742	2 133	4 875	Tot.	
		2	2						2		2	1	
		95	86	9	44	23	1	4	131	36	167	2	
772	2	872	1 508	140			6		1 512	140	1 652	3	
		272	272		72				344		344	4	
		720	720						720		720	5	
772	2	1 961	2 586	149	116	23	7	4	2 709	178	2 885	Tot.	
B.A.	B.S.												
3			3						3		3	1	
29	103	34	141	25					141	25	166	2	
e113	16		129		1				131		131	3	
191		7219	410				1		419		419	4	
336	119	253	683	25	1		10		694	25	719	Tot.	

e Including some working for B.S. as courses are identical to end of freshman year. f 119 of these are in M.D. course and 36 in Phar.M. course.

TABLE 1

Statistics of universities, colleges,

DEGREES CONFERRED ON COMPLETION OF COURSE															
No.	B.A.	Ph B.	B.S.	B.D.	Pd.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	Others	Total	
														Men	Women
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
1			6										2	8	
2															
3															
4													22	9	13
Tot.			6										24	17	13
1															
2													5	5	
3															
4															
5															
Tot.													5	5	
1			42											40	2
2															
Tot.			42											40	2
1		1	1											1	1
2													12	12	
3													68	63	66
4													49	48	1
5															
Tot.		1	1										69	64	7
1															
2															
3			75									3	20	96	2
4															
5															
Tot.			75									3	20	96	2
1															
2			7											7	
3	14		5											19	
4	10						16		11				10	47	
Tot.	24		12				16		11				10	73	

a Phar.M. conferred. b Conferred by University of the State of New York on students recommended by the faculty.

TABLE

Property and financial statement for universities,

No.	NAME	Volumes in library	SUMMARY	
			Grounds	Buildings
I				
UNIVERSITIES				
		2	3	4
1	a Columbia University.....	434 194	\$8 226 200 ..	\$3 824 800 ..
2	Cornell University.....	369 051	242 855 35	4 060 983 78
3	New York University.....	95 500	1 203 450 ..	2 103 100 ..
4	St Lawrence University.....	22 000	48 000 ..	168 000 ..
5	Syracuse University.....	78 321	250 000 ..	2 406 229 70
6	Union University.....	43 380	177 000 ..	444 500 ..
7	University of Buffalo.....	10 096	49 500 ..	177 031 08
	Total.....	1 052 542	\$10 197 005 35	\$13 184 644 56
II				
COLLEGES FOR MEN				
1	Canisius College.....	126 000	\$180 000 ..	\$60 000 ..
2	cColgate University.....	52 481	90 000 ..	421 901 67
3	College of St Francis Xavier.....	40 000	225 000 ..	110 000 ..
4	College of the City of New York.....	39 500	1 500 000 ..	95 000 000 ..
5	dFordham Univ., St John's College.....	50 000	1 432 000 ..	550 000 ..
6	Hamilton College.....	49 064	15 000 ..	511 375 46
7	eHobart College.....	46 387	65 000 ..	307 480 ..
8	Manhattan College.....	11 457	334 000 ..	172 666 67
9	Niagara Univ., collegiate department.....	20 000	200 000 ..	130 000 ..
10	Polytechnic Institute of Brooklyn.....	8 500	?	2253 624 98
11	cSt Bonaventure's College.....	6 209	20 000 ..	280 000 ..
12	St Francis College.....	4 270	96 500 ..	106 000 ..
13	cSt John's College, Brooklyn.....	12 900	230 000 ..	514 000 ..
14	St Joseph's Seminary and College.....	12 000	800 000 ..	200 000 ..
15	St Stephen's College.....	19 626	6 000 ..	200 000 ..
	Total.....	398 394	\$5 193 500 ..	\$8 817 048 78
III				
COLLEGES FOR WOMEN				
1	College of St Angela.....	3 700	\$51 625 ..	\$202 125 ..
2	Elmira College.....	7 000	60 000 ..	132 000 ..
3	Normal College of the City of N. Y.....	7 371	250 000 ..	158 333 ..
4	Vassar College.....	65 000	69 500 ..	2 396 184 70
5	Wells College.....	17 718	10 000 ..	409 000 ..
6	fWilliam Smith College.....			
	Total.....	100 789	\$441 125 ..	\$3 297 642 70
IV				
COLLEGES FOR MEN AND WOMEN				
1	Adelphi College.....	6 356	\$60 000 ..	\$205 027 18
2	Alfred University, col. of liberal arts.....	c22 670	10 000 ..	77 000 ..
3	Keuka College.....	2 518	18 000 ..	52 500 ..
4	University of Rochester.....	50 373	208 950 07	366 686 88
	Total.....	81 917	\$296 950 07	\$701 214 06

a Including Barnard and Teachers Colleges and College of Pharmacy of the City of New York. b Excluding departments of universities. c Including theological department. d Including all departments. e Including figures for William Smith College. f Figures for this college included with figures for Hobart College of which it is a department. g Including all equipment. h Including grounds. i Including furniture.

2

colleges, professional, technical and special schools

OF PROPERTY					No.
Furniture	Apparatus	Library	Museum	Total used by institution	
5	6	7	8	9	
\$531 143 86	\$443 500 ..	\$871 200 ..	\$312 000 ..	\$14 208 843 86	1
j 1 215 457 84	.....	719 158 ..	.....	6 238 454 97	2
47 000 ..	115 000 ..	140 000 ..	10 000 ..	3 618 550 ..	3
10 000 ..	10 000 ..	16 000 ..	8 000 ..	390 000 ..	4
200 000 ..	164 720 76	128 177 82	44 000 ..	3 193 128 28	5
10 250 ..	33 200 ..	44 000 ..	55 225 ..	764 175 ..	6
20 821 82	22 878 55	24 567 85	14 699 63	309 498 93	7
\$2 034 673 52	\$789 299 31	\$1 943 103 67	\$443 924 63	\$28 592 651 04	Tot.
\$42 000 ..	\$9 600 ..	\$32 600 ..	\$6 300 ..	\$330 500 ..	1
15 000 ..	6 400 ..	72 300 ..	15 000 ..	620 891 67	2
10 000 ..	4 100 ..	38 100 ..	3 500 ..	390 700 ..	3
13 000 ..	21 000 ..	98 500 ..	4 000 ..	6 500 000 ..	4
10 000 ..	15 950 ..	40 000 ..	10 000 ..	2 118 500 ..	5
10 000 ..	15 000 ..	50 000 ..	10 000 ..	602 325 46	6
10 000 ..	7 000 ..	12 700 ..	6 000 ..	457 480 ..	7
20 000 ..	25 000 ..	25 000 ..	5 000 ..	542 366 67	8
10 240 23	44 188 96	15 000 ..	.....	405 000 ..	9
10 000 ..	1 000 ..	15 000 ..	.....	323 054 17	10
10 800 ..	1 487 50	10 050 ..	.....	326 000 ..	11
32 200 ..	5 000 ..	10 200 ..	3 600 ..	225 052 50	12
20 000 ..	2 500 ..	18 000 ..	.....	795 000 ..	13
5 000 ..	1 500 ..	20 000 ..	500 ..	1 040 500 ..	14
\$218 240 23	\$159 726 46	\$457 450 ..	\$64 115 ..	\$14 910 080 47	Tot.
\$25 479 64	\$2 282 66	\$2 875 ..	.....	\$284 387 30	1
10 000 ..	26 500 ..	7 000 ..	\$7 500 ..	243 000 ..	2
74 710 ..	64 560 17	j 21 334 ..	4 000 ..	433 667 ..	3
24 000 ..	17 000 ..	95 100 42	3 000 ..	2 784 314 41	4
.....	.....	32 000 ..	.....	495 000 ..	5
.....	.....	.....	.....	.....	6
\$134 189 64	\$110 342 83	\$158 309 42	\$98 759 12	\$4 240 368 71	Tot.
\$25 000 ..	\$12 000 ..	\$6 000 ..	.....	\$308 027 18	1
9 800 ..	21 000 ..	c 23 000 ..	\$14 000 ..	154 800 ..	2
2 000 ..	1 500 ..	1 825 ..	500 ..	76 325 ..	3
17 481 53	36 421 51	81 224 96	40 760 66	751 525 61	4
\$54 281 53	\$70 921 51	\$112 049 96	\$55 260 66	\$1 290 677 79	Tot.

j Including apparatus.

TABLE 2

Property and financial statement for universities,

No.	SUMMARY OF PROPERTY (concluded)					Total receipts	Salaries for instruction
	Investments	Total property	Debts at end of year	Net property			
	10	11	12	13	14			15
1	\$26 334 232 27	\$40 543 076 13	\$4 225 239 53	\$36 317 836 60	\$7 667 476 66	\$1 543 123 08	
2	8 856 758 79	15 095 213 76	103 140 74	14 992 073 02	1 439 785 98	706 856 02	
3	1 770 395 ..	5 388 945 ..	1 295 000 ..	4 093 945 ..	542 500 99	242 723 85	
4	491 499 ..	751 499 ..	2 000 ..	749 499 ..	192 943 34	46 496 ..	
5	2 098 476 62	5 291 604 90	420 297 50	4 871 307 40	783 997 50	216 942 84	
6	799 202 35	1 563 377 35	45 000 ..	1 518 377 35	199 565 82	71 360 70	
7	13 252 46	322 751 39	56 166 26	266 585 13	76 275 99	37 359 25	
Tot.	\$40 363 816 49	\$68 956 467 53	\$6 146 844 03	\$62 809 623 50	\$10 902 526 28	\$2 864 861 74	
1	\$32 427 10	\$362 927 10	.....	\$362 927 10	\$20 863 59	\$375 ..
2	1 710 154 02	2 330 755 69	.....	2 330 755 69	132 506 64	46 077 66
3	17 833 ..	408 533 ..	.....	408 533 ..	61 378 81	4 775 ..
4	.....	6 500 000 ..	.....	6 500 000 ..	584 811 29	404 362 79
5	128 640 ..	2 247 140 ..	\$299 000 ..	1 948 140 ..	229 860 34	35 403 83	
6	828 825 49	1 431 150 95	2 455 11	1 428 695 84	422 036 30	36 150 ..	
7	730 448 ..	1 187 928 ..	.....	1 187 928 ..	177 504 72	28 496 ..
8	100 000 ..	642 866 67	96 134 ..	546 232 67	16 725 77	1 715 33	
9	.....	405 000 ..	100 000 ..	305 000 ..	191 199 97	.....
10	144 048 ..	467 102 17	240 000 ..	227 102 17	101 792 25	51 239 50	
11	29 000 ..	355 000 ..	.....	355 000 ..	24 380 ..	14 000 ..
12	9 700 ..	234 752 50	61 500 ..	173 252 50	37 856 ..	2 927 ..	
13	43 000 ..	838 000 ..	191 785 ..	646 215 ..	53 747 ..	1 700 ..	
14	.....	1 040 500 ..	280 000 ..	760 500 ..	49 081 48	11 065 39
15	92 184 78	325 184 78	505 ..	324 679 78	46 593 14	11 564 98	
Tot.	\$3 866 260 39	\$18 776 340 86	\$1 271 379 11	\$17 504 961 75	\$2 150 337 30	\$649 852 48	
1	\$316 496 72	\$600 894 02	\$37 246 ..	\$563 638 02	\$35 481 05	\$4 750 ..	
2	79 995 ..	322 995 ..	43 000 ..	279 995 ..	45 032 63	19 940 37	
3	.....	433 667 ..	.....	433 667 ..	852 990 ..	125 000 ..
4	1 385 754 21	4 170 068 62	35 270 28	4 134 798 34	924 432 46	137 751 58	
5	365 800 ..	860 800 ..	45 000 ..	815 800 ..	162 270 01	35 198 74	
6	.....	.....	.....	.....	.....	.....
Tot.	\$2 148 045 93	\$6 388 414 64	\$160 516 28	\$6 227 898 36	\$2 020 206 15	\$322 640 69	
1	\$128 097 21	\$436 124 39	\$36 915 90	\$399 208 49	\$109 352 33	\$64 502 ..	
2	334 716 40	489 516 40	58 353 19	431 163 21	59 431 57	10 026 ..	
3	25 550 ..	101 875 ..	8 432 30	93 442 70	19 985 53	5 486 71	
4	859 490 45	1 611 016 06	.....	1 611 016 06	234 412 15	55 320 58
Tot.	\$1 347 854 06	\$2 638 531 85	\$103 701 39	\$2 534 830 46	\$423 181 58	\$135 335 29	

(continued)

colleges, professional, technical and special schools

EXPENDITURES

Prizes, scholarships, etc.	Fuel and lights	Amount invested	New buildings, sites and extraordinary repairs	All other purposes	Total	No.
16	17	18	19	20	21	
\$76 355 48	\$270 367 49	\$760 960 02	\$295 776 49	\$3 511 696 35	\$6 458 278 91	1
32 967 43	38 513 39	13 518 85	107 004 90	540 907 39	1 439 765 98	2
6 465 ..	20 804 08	38 495 31	31 404 23	202 808 52	542 500 99	3
45 ..	2 441 38	61 885 63	35 690 44	34 033 81	180 592 26	4
1 025 70	29 324 34	3 362 50	347 682 54	146 731 83	745 069 80	5
2 680 03	7 201 39	472 79	47 690 60	49 129 54	178 535 05	6
303 50	2 117 09	.....	.....	29 050 81	68 830 65	7
\$119 842 14	\$370 569 16	\$878 693 10	\$865 249 20	\$4 514 358 30	\$9 613 573 64	Tot.
.....
\$458 20	\$800 42	\$10 082 48	.....	\$6 764 77	\$18 480 87	1
17 083 ..	4 562 03	.....	.....	44 595 58	112 318 27	2
2 000 ..	2 045 80	.....	.....	40 381 35	49 202 15	3
.....	30 000 ..	.....	.....	150 448 50	534 811 29	4
1 000 ..	6 015 96	.....	\$70 000 ..	159 972 35	272 392 14	5
1 969 96	6 198 14	66 235 31	188 45	90 370 21	201 112 07	6
8 815 ..	4 237 43	16 964 ..	81 265 23	17 236 51	167 014 17	7
1 826 50	5 517 95	.....	.....	11 703 56	15 763 34	8
5 000 ..	7 100 ..	.....	67 000 ..	30 000 ..	109 100 ..	9
1 950 ..	1 409 68	.....	.....	46 879 63	101 478 81	10
.....	5 000 ..	.....	5 000 ..	.....	24 000 ..	11
3 500 ..	1 100 ..	.....	2 098 ..	22 231 ..	31 856 ..	12
275 ..	3 000 ..	.....	24 023 ..	23 020 ..	52 018 ..	13
.....	.....	.....	.....	23 142 23	34 207 62	14
4 745 35	3 005 22	.....	975 58	22 394 92	42 686 05	15
\$48 623 01	\$74 992 63	\$93 281 79	\$250 550 26	\$689 140 61	\$1 806 440 78	Tot.
.....
\$150 ..	\$2 957 18	\$8 500 ..	\$9 820 73	\$9 085 67	\$35 263 58	1
2 000 ..	2 524 12	.....	4 897 28	11 468 33	40 820 10	2
.....	820 ..	.....	.....	14 715 ..	140 535 ..	3
22 900 ..	42 483 80	.....	52 401 17	621 384 61	876 921 16	4
950 ..	6 376 39	5 800 ..	46 136 62	67 808 26	162 270 01	5
.....	.....	.....	.....	.....	.....	6
\$26 000 ..	\$55 161 49	\$14 300 ..	\$113 255 80	\$724 451 87	\$1 255 809 85	Tot.
.....
\$271 50.	\$2 313 27	.....	\$1 028 46	\$37 973 20	\$106 088 43	1
2 037 05	2 020 81	\$23 920 09	3 518 47	17 127 92	58 650 34	2
308 60	960 90	.....	163 85	12 535 53	19 455 69	3
6 961 ..	2 706 01	123 317 ..	4 606 44	17 558 76	210 469 79	4
\$9 578 15	\$8 000 99	\$147 237 09	\$9 317 22	\$85 195 41	\$394 664 15	Tot.

TABLE 2

Property and financial statement for universities,

No.	NAME	Volumes in library	SUMMARY	
			Grounds	Buildings
	I			
	a THEOLOGY			
1	Alfred Univ., Alfred Theol. Sem.	b	\$1 000 ..	\$2 000 ..
2	Auburn Theological Seminary	32 540	30 000 ..	255 000 ..
3	Colgate Univ., Hamilton Theol. Sem. . .	.....	.....	.....
4	General Theol. Sem. of the P. E. Church .	46 621	900 000 ..	985 683 54
5	German Martin Luther Seminary	1 400	7 500 ..	5 000 ..
6	Hartwick Sem., theol. dep't.	2 823	1 000 ..	10 000 ..
7	Jewish Theol. Seminary of America.	29 831	25 000 ..	100 000 ..
8	NIag. Univ., Sem. of Our Lady of Angels.	.....	.....	.....
9	Rochester Theological Seminary	36 826	72 500 ..	306 885 24
10	St Bernard's Seminary	18 357	40 000 ..	c450 000 ..
11	St Bonaventure's Col., theol. dep't. ....	.....	.....	.....
12	St John's Col., theological dep't. ....	.....	.....	.....
13	St Joseph's Seminary and College.	33 500	124 000 ..	1 090 000
14	Union Theological Seminary	97 000	?	d12 583 81
	Total	298 898	\$1 201 000 ..	\$3 217 152 59
	II			
	a EDUCATION			
1	New York State Normal College.	2 550	\$163 000 ..	\$357 000 ..
	b LAW			
1	Fordham University, school of law. ....	.....	.....	.....
2	New York Law School	10 145	\$333 164 97	\$323 753 52
	Total	10 145	\$333 164 97	\$323 753 52
	c MEDICINE			
1	Eclectic Medical College	5 313	\$40 000 ..	\$20 000 ..
2	Fordham Univ., school of medicine .....	.....	.....	.....
3	Long Island College Hospital .....	.....	.....	.....
4	N. Y. Homeopathic Med. Col. and Hosp. .	6 000	50 000 ..	55 000 ..
5	N. Y. Med. Col. & Hospital for Women. .	300	.....	.....
6	N. Y. Polyclinic Med. Sch. and Hosp. . .	.....	?	d54 348 68
7	N. Y. Postgraduate Med. Sch. and Hosp. .	500	62 000 ..	162 268 53
	Total	12 613	\$152 000 ..	\$291 617 21
	d DENTISTRY			
1	N. Y. Col. of Dental and Oral Surg.	410	.....	.....
2	N. Y. College of Dentistry .....	.....	\$65 000 ..	\$85 000 ..
	Total	410	\$65 000 ..	\$85 000 ..

a Excluding departments of universities. b No separate statistics reported for this department—included with data for arts department. c Including all equipment. d Including grounds. e Including furniture.

(continued)

colleges, professional, technical and special schools

OF PROPERTY					No.
Furniture	Apparatus	Library	Museum	Total used by institution	
5	6	7	8	9	
\$300 ..		b ..		\$3 300 ..	1
10 000 ..		\$30 000 ..		325 000 ..	2
					3
984 50 ..		126 220 24 ..		2 012 888 28	4
500 ..		1 000 ..		14 000 ..	5
50 ..	\$100 ..	3 132 50 ..		14 282 50	6
20 000 ..	4 500 ..	30 000 ..		179 500 ..	7
					8
22 500 ..		94 276 04 ..	\$1 306 33	497 467 61	9
f ..	?	?		490 000 ..	10
					11
					12
51 000 ..	4 400 ..	45 000 ..		1 314 400	13
1 500 ..		1 000 ..		15 083 81	14
\$106 834 50	\$9 000 ..	\$330 628 78	\$1 306 33	\$4 865 922 20	Tot.
\$300 ..	\$725 51	\$648 34		\$521 673 85	1
					1
\$1 652 47		\$17 780 65		\$676 351 61	2
\$1 652 47		\$17 780 65		\$676 351 61	Tot.
\$3 910 ..	\$12 940 ..	\$5 313 ..	\$2 129 ..	\$84 292 ..	1
					2
					3
3 050 ..	8 366 98	3 000 ..		119 416 98	4
					5
17 737 63	e3 230 06			57 578 74	6
	8 000 ..	100 ..	2 000 ..	252 106 16	7
\$24 697 63	\$32 537 04	\$8 413 ..	\$4 129 ..	\$513 393 88	Tot.
\$2 500 ..	\$3 000 ..			\$5 500 ..	1
4 000 ..	36 000 ..			190 000 ..	2
\$6 500 ..	\$39 000 ..			\$195 500 ..	Tot.

TABLE 2
Property and financial statement for universities,

No.	SUMMARY OF PROPERTY (concluded)				Total receipts	Salaries for instruction
	Investments	Total property	Debts at end of year	Net property		
	10	11	12	13	14	15
1	\$37 287 76	\$40 587 76	.....	\$40 587 76	\$4 128 81	\$2 900 ..
2	824 350 66	1 149 350 66	.....	1 149 350 66	229 504 40	25 637 50
3	.....	.....	.....	.....	.....	.....
4	2 238 032 35	4 250 920 63	\$24 537 66	4 226 382 97	442 896 36	45 045 87
5	.....	14 000 ..	.....	14 000 ..	2 362 84	1 480 ..
6	9 901 24	24 183 74	.....	24 183 74	900 ..	900 ..
7	565 299 65	744 799 65	.....	744 799 65	36 605 98	31 293 31
8	.....	.....	.....	.....	.....	.....
9	1 689 094 57	2 186 562 18	.....	2 186 562 18	88 114 87	39 350 ..
10	100 000 ..	590 000 ..	.....	590 000 ..	42 618 53	10 115 ..
11	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....
13	12 300 ..	1 326 700 ..	5 905 35	1 320 794 65	58 855 55	10 345 ..
14	2 379 872 69	2 394 956 50	.....	2 394 956 50	290 292 71	67 598 04
Tot.	\$7 856 138 92	\$12 722 061 12	\$30 443 01	\$12 691 618 11	\$1 196 180 05	\$234 664 72
1	.....	\$521 673 85	.....	\$521 673 85	\$506 981 87	\$41 594 98
1	.....	.....	.....	.....	.....	.....
2	.....	\$676 351 61	\$499 240 ..	\$177 111 61	\$108 531 02	\$36 070 75
Tot.	.....	\$676 351 61	\$499 240 ..	\$177 111 61	\$108 531 02	\$36 070 75
1	\$13 000 ..	\$97 292 ..	\$30 000 ..	\$67 292 ..	\$11 492 39	\$4 400 ..
2	.....	.....	.....	.....	61 726 65	51 792 99
3	.....	.....	.....	.....	63 265 ..	18 959 23
4	386 755 ..	506 171 98	125 562 50	380 609 48	2 545 20	1 070 ..
5	.....	57 578 74	.....	57 578 74	26 255 58	2 211 85
6	.....	258 106 16	.....	40 476 23	183 555 44	7 020 61
7	6 000 ..	.....	217 629 93	.....	.....	.....
Tot.	\$405 755 ..	\$919 148 88	\$373 192 43	\$545 956 45	\$348 840 26	\$85 454 68
1	\$65 000 ..	\$70 500 ..	.....	\$70 500 ..	\$22 356 54	\$9 350 ..
2	.....	190 000 ..	\$81 800 ..	108 200 ..	68 127 84	35 320 ..
Tot.	\$65 000 ..	\$260 500 ..	\$81 800 ..	\$178 700 ..	\$90 484 38	\$44 670 ..

^a Including amount received and expended for new building during past three years.

(continued)

colleges, professional, technical and special schools

EXPENDITURES

Prizes scholarships etc.	Fuel and lights	Amount invested	New buildings, sites and extraordinary repairs	All other purposes	Total	No.
16	17	18	19	20	21	
\$17 002 42	\$112 12 2 825 76	\$115 710 10	\$27 288 75	\$581 81 18 727 57	\$3 593 93 207 192 10	1 2
23 047 91	7 227 16 200 ..	177 000 ..	7 083 32 125 ..	110 434 70 540 40	369 838 96 2 345 40	3 4 5
2 845 ..	932 29			6 633 59	900 .. 41 704 19	6 7
13 465 ..	1 601 11 2 301 37		784 45	27 319 37 29 196 86	81 735 48 42 377 88	8 9 10
18 315 ..	6 583 27 2 760 55	38 874 75	1 022 53	47 832 63 48 085 60	64 760 90 176 656 47	11 12 13 14
\$74 675 33	\$24 543 63	\$331 584 85	\$36 284 05	\$289 352 53	\$991 105 11	Tot.
			a\$447 664 49	\$17 127 40	a\$506 376 87	1
\$2 275 ..			\$4 439 77	\$60 437 60	\$103 223 12	1 2
\$2 275 ..			\$4 439 77	\$60 437 60	\$103 223 12	Tot.
\$2 500 ..	\$675 ..		\$1 500 ..	\$2 417 39	\$11 492 39	1 2
	2 063 81			9 770 02	61 563 01	3
150	2 069 73			4 552 17	25 575 21	4
	4 758 30			549 67	1 769 67	5
				18 524 05	22 805 63	6
\$2 650 ..	\$9 566 84		\$1 500 ..	170 858 87	182 637 78	7
				\$206 672 17	\$305 843 69	Tot.
\$132 ..	\$485 28 1 220 14		\$249 33	\$10 825 85 25 666 16	\$20 661 13 62 587 63	1 2
\$132 ..	\$1 705 42		\$249 33	\$36 492 01	\$83 248 76	Tot.

TABLE 2

Property and financial statement for universities,

No.	NAME	Volumes in Library	SUMMARY	
			Grounds	Buildings
	I			
	g PHARMACY			
1	Brooklyn College of Pharmacy	3 300	\$8 500 ..	\$30 000 ..
	OPHTHALMOLOGY			
1	New York Ophthalmic Hospital			
	ENGINEERING AND TECHNOLOGY			
1	Rensselaer Polytechnic Institute	8 816	\$153 125 ..	\$749 228 84
2	Thomas S. Clarkson Mem. Sch. of Tech...	3 716	16 177 84	104 086 ..
	Total	12 532	\$169 302 84	\$853 314 84
	g ART			
1	Cooper Union, Art School			
2	N. Y. Sch. of Applied Design for Women..	848	\$84 000 ..	\$130 000 ..
	Total	848	\$84 000 ..	\$130 000 ..
	MUSIC			
1	American College of Musicians			
2	Grand Conservatory of Music			
3	Inst. of Musical Art of the City of N. Y. .	1 840		
4	Metropolitan College of Music			
5	New York College of Music			
	Total	1 840		
	g OTHER			
1	Alfred Univ., N. Y. S. School of Clay- working and Ceramics	85	\$1 000 ..	\$13 200 ..
2	N. Y. State Library School	75 662		
3	Pratt Institute	94 815		\$1 520 022 87
	Total	100 362	\$1 000 ..	\$1 533 222 87
	SPECIAL			
1	American Institute of Phrenology	?		
2	Conrad Poppenhusen Association	913	\$8 000 ..	\$52 000 ..
3	Cooper Union, Day and Night School...	47 788		\$977 018 30
4	Hebrew Technical Institute	3 968	32 500 ..	101 362 48
5	New York Trade School	800	230 000 ..	75 000 ..
	Total	53 469	\$270 500 ..	\$1 205 378 78
	FOREIGN COLLEGES			
1	Canton Christian College	1 445	\$24 466 77	\$57 318 90
2	Mackenzie College	3 428	88 974 60	118 366 35
3	Robert College of Constantinople	12 942	29 719 52	312 000 ..
4	Syrian Protestant College	14 931	180 174 47	392 232 70
	Total	32 746	\$233 335 36	\$879 917 95

a Excluding departments of universities. b Included with statistics of Cooper Union under special schools c Business conducted by American Institute of Applied Music.

(continued)

colleges, professional, technical and special schools

OF PROPERTY					No.
Furniture	Apparatus	Library	Museum	Total used by institution	
5	6	7	8	9	
\$5 000 ..	\$6 000 ..	\$3 400 ..		\$52 900 ..	1
					1
\$45 399 96 7 499 94	\$151 998 90 36 258 81	\$15 456 40 6 342 04	\$10 622 ..	\$1 125 831 10 170 364 63	1 2
\$52 899 90	\$188 257 71	\$21 798 44	\$10 622 ..	\$1 296 195 73	Tot.
					1
\$6 905 ..		\$13 157 62		\$234 062 62	2
\$6 905 ..		\$13 157 62		\$234 062 62	Tot.
					1
\$170 ..	\$170 ..			\$340 ..	2
19 469 60		\$17 000 ..		36 469 60	3
	7 928 24			7 928 24	4
					5
\$19 639 60	\$8 098 24	\$17 000 ..		\$44 737 84	Tot.
					1
\$975 .. 3 850 .. ?	\$7 880 .. 975 .. ?	\$245 .. 3 684 42 ?	\$400 .. 2 102 50 ?	\$23 700 .. 10 611 92 1 520 022 87	1 2 3
\$4 825 ..	\$8 855 ..	\$3 929 42	\$2 502 50	\$1 554 334 79	Tot.
					1
\$500 .. 2 500 .. ?	\$200 .. 935 .. ?	\$10 000 .. 1 000 .. ?	\$1 500 .. ?	\$10 700 .. 65 935 .. 977 016 30	1 2 3
7 223 99 1 000 ..	37 586 33 20 000 ..	2 500 .. 500 ..		181 172 80 326 500 ..	4 5
\$11 223 99	\$58 721 33	\$14 000 ..	\$1 500 ..	\$1 561 324 10	Tot.
					1
\$4 006 93 10 829 88 11 575 56 6 800 ..	\$3 679 39 8 595 09 12 160 98 10 100 ..	\$224 03 4 847 33 6 483 75 31 500 ..	\$6 710 89 2 295 78 26 000 ..	\$89 696 02 238 324 14 374 235 59 646 807 17	1 2 3 4
\$33 212 37	\$34 565 46	\$43 055 11	\$35 006 67	\$1 349 062 92	Tot.

d Figures for last year, none having been reported this year. e Including all departments of the New York State Library containing 475,000 volumes, is available for use of the school. g Value of all property used. h Including museum.

TABLE 2

Property and financial statement for universities,

No.	SUMMARY OF PROPERTY (concluded)				Total receipts	Salaries for instruction
	Investments	Total property	Debts at end of year	Net property		
	10	11	12	13		
1	.....	\$52 900 ..	.....	\$52 900 ..	\$23 100 ..	\$9 000 ..
1	.....	.....	.....	.....	\$835 89	.....
1	\$1 501 520 77	\$2 627 351 87	\$278 947 21	\$2 348 404 66	\$521 669 37	\$71 262 67
2	301 856 76	472 221 39	.....	472 221 39	32 286 21	14 060 ..
Tot.	\$1 803 377 53	\$3 099 573 26	\$278 947 21	\$2 820 626 05	\$553 955 58	\$85 322 67
1	.....	.....	.....	.....	.....	.....
2	\$17 105 ..	\$251 167 62	\$123 435 43	\$127 732 19	\$233 153 93	\$10 268 90
Tot.	\$17 105 ..	\$251 167 62	\$123 435 43	\$127 732 19	\$233 153 93	\$10 268 90
1	.....	.....	.....	.....	\$294 ..	.....
2	\$100 ..	\$440 ..	\$245 ..	\$195 ..	6 816 78	\$4 500 ..
3	512 688 30	549 157 90	6 589 97	542 567 93	164 890 37	78 686 12
4	.....	.....	.....	.....	.....	.....
5	.....	7 928 24	.....	7 928 24	22 847 82	10 282 68
Tot.	\$512 788 30	\$557 526 14	\$6 834 97	\$550 691 17	\$194 848 97	\$93 448 80
1	.....	\$23 700 ..	.....	\$23 700 ..	\$11 170 51	\$5 100 ..
2	.....	10 611 92	.....	10 611 92	2 410 ..	.....
3	\$4 692 017 34	6 212 040 21	.....	6 212 040 21	411 632 98	199 400 38
Tot.	\$4 692 017 34	\$6 246 352 13	.....	\$6 246 352 13	\$425 213 49	\$204 500 38
1	.....	\$10 700 ..	\$268 80	\$10 431 20	\$598 80	\$217 50
2	\$171 319 42	237 254 42	.....	237 254 42	17 673 25	3 471 16
3	3 002 279 21	3 979 295 51	.....	3 979 295 51	169 720 46	86 517 09
4	223 157 93	404 330 73	15 000 ..	389 330 73	106 736 80	25 518 29
5	595 834 ..	922 334 ..	.....	922 334 ..	45 677 96	27 303 26
Tot.	\$3 992 590 56	\$5 553 914 66	\$15 268 80	\$5 538 645 86	\$340 407 27	\$143 029 30
1	\$41 972 34	\$131 668 36	\$1 024 04	\$130 644 32	\$31 012 71	\$10 586 43
2	23 866 20	262 190 34	18 435 26	243 755 08	96 991 03	37 167 72
3	356 483 03	730 718 62	.....	730 718 62	96 951 09	42 429 86
4	724 935 60	1 371 742 77	.....	1 371 742 77	142 833 23	53 117 57
Tot.	\$1 147 257 17	\$2 496 320 09	\$19 459 30	\$2 476 860 79	\$367 788 06	\$143 301 58

(concluded)

colleges, professional, technical and special schools

EXPENDITURES						No.
Prizes, scholarships etc.	Fuel and lights	Amount invested	New buildings, sites and extraordinary repairs	All other purposes	Total	
16	17	18	19	20	21	
\$200 ..	\$500 ..	.....	.....	\$10 400 ..	\$20 100 ..	1
.....	.....	.....	.....	\$190 70	\$190 70	1
\$100 ..	\$7 113 63 1 745 87	.....	\$377 109 55	\$65 192 99 15 319 08	\$520 778 84 31 124 95	1 2
\$100 ..	\$8 859 50	.....	\$377 109 55	\$80 512 07	\$551 903 79	Tot.
.....	.....	.....	.....	.....	.....	1
\$265 ..	\$291 24	.....	\$214 000 ..	\$7 216 62	\$232 041 76	2
\$265 ..	\$291 24	.....	\$214 000 ..	\$7 216 62	\$232 041 76	Tot.
.....	.....	.....	.....	.....	.....	1
\$3 700 ..	\$165 05 1 035 45	\$46 015 39	.....	\$1 832 17 35 029 89	\$6 497 22 164 446 85	2 3
.....	342 49	.....	.....	11 299 19	21 924 36	4
\$3 700 ..	\$1 542 99	\$46 015 39	.....	\$48 161 25	\$192 868 43	5 Tot.
.....	.....	.....	.....	.....	.....	1
.....	\$719 68	.....	.....	\$2 457 04 2 410 ..	\$8 276 72 2 410 ..	2
.....	.....	.....	\$46 717 27	142 018 41	388 136 06	3
.....	\$719 68	.....	\$46 717 27	\$146 885 45	\$398 822 78	Tot.
.....	.....	.....	.....	.....	.....	1
\$900 ..	\$558 31 12 526 37	\$10 900	\$1 719 11	\$381 30 2 137 36	\$598 80 17 066 83	2
2 581 54	4 918 38	48 987 50	.....	51 320 57	152 983 14	3
.....	1 642 37	.....	.....	17 790 65	99 796 36	4
\$3 481 54	\$19 645 43	\$59 887 50	\$1 719 11	12 742 62	41 690 25	5 Tot.
.....	.....	.....	.....	.....	.....	1
\$36 ..	.....	.....	\$6 977 09	\$13 449 19	\$31 012 71	2
514 14	\$3 472 26	.....	2 594 86	56 981 33	96 779 91	3
4 433 88	1 630 43	\$28 893 75	5 791 06	43 347 74	95 555 06	4
\$4 984 02	\$5 102 69	\$28 893 75	27 457 80	26 999 20	142 532 63	Tot.

Grand total of statistics of tables 1 and 2 (continued)

HEAD OF COLUMN	Total
D.V.S. or D.V.M.	30
C.E.	259
M.E.	259
Other degrees.	262
Total, men.	3 168
women.	1 124
Higher degrees conferred	
On examination.	556
In course without examination.	33
Graduated without degrees, men.	936
women.	768
Honorary degrees conferred	
D.D. or S.T.D.	22
LL.D.	52
Others.	49
Total, men.	119
women.	4
Volumes in library.	2 130 609
SUMMARY OF PROPERTY	
Grounds.	\$18 576 048 23
Buildings.	34 026 989 91
Furniture.	2 681 863 01
Apparatus.	1 481 484 94
Library.	3 101 669 30
Museum.	682 119 24
Total used.	60 550 174 63
Investments.	67 070 749 52
Total property.	127 620 924 15
Debts.	9 091 602 66
Net property.	118 529 321 49
Total receipts.	19 518 784 02
EXPENDITURES	
Salaries for instruction.	\$4 960 705 38
Prizes, scholarships etc.	291 522 17
Fuel and lights.	576 099 ..
Amount invested.	1 570 999 72
New buildings, sites and extraordinary repairs.	2 368 056 05
All other purposes.	7 000 966 49
Total.	\$16 768 348 81

TABLE 3

Examination for renewal of college graduate limited certificates

	Papers written	Papers accepted
Psychology.....	63	47
History of education.....	85	63
Principles of education.....	83	60
Methods in English.....	34	28
in foreign languages.....	62	54
in mathematics.....	12	11
in science.....	19	13
in history.....	31	26
	389	302

Title IV

VOCATIONAL SCHOOLS

Introduction

Since the rather full discussion of the need of a new class of schools in connection with the public school system for the training of workmen in craftsmanship, which was presented as the Commissioner's special theme in the annual report of this Department for the school year of 1907, the matter has had very full consideration in all parts of the State. It is not too much to say that the attitudes taken at that time and their consequent consideration in the Legislature, resulting in the Industrial and Trade School Act of 1908, clearly gave New York a position of conspicuity and leadership in the country. In view of this, for the present year, at least, it is thought well to treat the subject under a separate title in the Department report.

Since the passage of the law there has been an increasing interest in the subject of industrial education within the State. The press has given much space to it; State federations of women's clubs have discussed it; every gathering of teachers has devoted a major part of its program to topics concerned with training for vocations; new school buildings are devoting space to shops and domestic science laboratories, and the people of many communities through men's clubs, and boards of trade have come together in public meetings to consider the question. The economic, industrial and educational considerations of industrial education as they have taken shape in this State may be summed up briefly under the following headings:

INDUSTRIAL EDUCATION FROM PUBLIC VIEWPOINT

1 That in the minds of the mass of the people, industrial education means the redirecting of our public schools through recognizing that they must be adapted to the needs of our people.

2 That industrial education used in its broadest sense is in no way antagonistic to the general function of all education which is to develop and train the mind, but the mind may be trained by means of many subjects, and some subjects or processes are best for one group of persons and other processes for other groups.

3 That effective education should (a) develop out of experience; (b) this experience should have relation to vocations and to the pupils' part in life, and (c) every school should be the natural expression of the life of its community.

4 That a school system should be flexible and adaptable to all conditions. It must give equality of educational opportunity and must not limit its facilities to those who can stay in school in order to reap its advantages. That we are called upon today to train our boys and girls in an industrial democracy, and our educational system will succeed just to the extent that we make it focus upon the industrial needs of each member of this democracy.

5 That a chasm exists between our educational system and our modern industrial life. In the school we have, on the one hand, discouraged boys and girls, abnormals, belateds and delinquents finding themselves unable mentally and physically to continue with credit in the culture process of our secondary schools; on the other hand, we find that science, invention and specialization continue to withdraw from the old-time chores—from former occupations which gave mental development, and to transplant them beside the automatic machine of our factories.

6 That education must concern itself with the proper selection of boys and girls to enter upon various callings in industrial, commercial or agricultural life for which their circumstances or natural abilities best fit them. That there are economic as well as educational considerations, quite different from the usually accepted and preconceived functions and responsibilities of the ordinary schools.

7 That industrial education ought to awaken a new school interest and so help retain boys and girls in school longer and contribute more powerfully to their development. That industrial training, taking pupils at 13 or 14 years of age, when they are of little value in a business way, when the education they have received is all right so far as it goes but hardly fits them for working places, would serve to give them the proper training to enter some branch of actual industrial work.

8 That the conservation of our children is as important as the conservation of other natural resources such as water power, forests and

mines. Reliable statistics regarding the dropping out of pupils from our public schools are lacking. The number of belated children varies in different communities. It is increasingly difficult to hold children in school in those cities which have a large foreign population. It is believed that industrial training will have an economic value in the eyes of the parents and will assist towards keeping their children in school.

9 That education for vocations, both industrial and agricultural, will have a marked effect upon the natural wealth of a State which ranks first in manufacture and fourth in agriculture. The extent and variety of manufacturers in the State may be appreciated when it is stated that of the 339 classifications used in the census reports of manufacturing industries in the United States, 316, or 93.2 per cent, were reported for New York. There are approximately 850,000 wage-earners in the industries of the State making a yearly product valued at \$2,500,000,000, with a yearly wage of \$430,000,000. Our homes, churches, schools, streets, libraries, parks and other social betterments are supported by the people; a large share of the tax for the support of these institutions comes from our great industries and their workers. There is a direct relationship between the earning capacity of our people and the expenditures for civic welfare.

Organizations cooperating with the Education Department

A New York State branch of the National Society for the Promotion of Industrial Education has been organized. Its membership is composed of a representative body of manufacturers, teachers, industrial workers and publicists. Three meetings have been held in the past year. Through its public meetings in different parts of the State, its publications and bulletins, as well as through the personal efforts of its officers, the State branch is materially forwarding a propaganda for industrial education.

The Allied Printing Trades at their convention in Buffalo in August 1909, indorsed the purpose and methods of the State Education Department in relation to the establishment of industrial and trades schools. Its president, Thomas D. Fitzgerald, was active in bringing about this action as well as in opposing certain proposed State legislation in reference to industrial training which would be detrimental to the interests of organized labor as well as to public educational welfare.

The New York State Federation of Women's Clubs and the Western Federation of Women's Clubs have actively interested

themselves in the matter of public industrial training for both boys and girls. The chairman of the education committee of the New York State Federation has cooperated in every possible way with the Division of Trades Schools in bringing before the women of the State the importance of definite industrial training for boys and a no less definite homemaking training for girls.

The New York State Department of Labor, through the Bureau of Statistics, has made an investigation throughout the State the past year to determine (1) the general relation of supply and demand in regard to skilled labor in the principal industries of the State; (2) the conditions under which boys and girls enter the industries and their chances for advancement; (3) the opinions of both employers and employees as to the value and need of industrial training. This investigation was made by an expert in industrial education, Prof. Charles R. Richards, director of Cooper Union.

To the question asked of the Trades Union organizations of the State, "Do you favor a public industrial or preparatory trade school which shall endeavor to reach boys and girls between 14 and 16 that now leave in large numbers before graduation?" 1500 answered "yes," 349 "no," 23 qualified "yes," 5 qualified "no," 574 not answering — total 2451.

To the question asked employers in industry, "Would practical day trade schools, giving a specialized training of one year or more after the age of 16, help meet the problem of skilled employees in your business?" 744 establishments employing 198,865 employees, stated "yes," 341 establishments employing 78,194 employees, stated "no."

The whole investigation showed a striking concurrence of opinion on the part of employers and employees as to the value of the general industrial or preparatory trades school.

Attitude of American Federation of Labor

Representatives of the State Education Department have been in touch with officials of this organization with reference to the industrial training to which the State has committed itself. A special committee on industrial education of the American Federation of Labor has corresponded with the Commissioner of Education and the Chief of the Trades School Division. Both were invited to appear before this committee and present their views as well as to state the method of procedure in establishing industrial and trades

schools within the State. The special committee afterwards reported to the full convention which met at Toronto in November 1909. An abstract from the committee's report follows:

If the American workman is to maintain the high standard of efficiency, the boys and girls of the country must have an opportunity to acquire educated hands and brains such as may enable them to earn a living in a self-selected vocation, and acquire an intelligent understanding of the duties of good citizenship.

We favor the establishment of schools in connection with the public school system, at which pupils between the ages of 14 and 16 may be taught the principles of the trades, not necessarily in separate buildings, but in separate schools adapted to this particular education, and by competent and trained teachers.

The course of instruction in such a school should be English, mathematics, physics, chemistry, elementary mechanics, and drawing; the shop instruction for particular trades, and for each trade represented, the drawing, mathematics, mechanics, physical and biological science applicable to the trade, the history of that trade, and a sound system of economics, including and emphasizing the philosophy of collective bargaining.

In order to keep such schools in close touch with the trades, there should be local advisory boards, including representatives of the industries, employers and organized labor.

The committee recommends that any technical education of the workers in trade and industry being a public necessity, it should not be a private but a public function, conducted by the public and the expense involved at public cost.

There is a strong reaction coming in general methods of education, and that growing feeling, which is gaining rapidly in strength, that the human element must be recognized, and can not be so disregarded as to make the future workers mere automatic machines.

Experience has shown that manual training school teachers without actual trade experience, do not and can not successfully solve this great problem, and that progress will necessarily be slow, as new teachers must be provided, a new set of textbooks will have to be written, and the subjects taught in a sympathetic and systematic manner.

PLACE OF INDUSTRIES IN THE ELEMENTARY SCHOOL

It is important that some form of manual training be a part of the curriculum of the elementary school, since a large part of the population — three fourths to nine tenths, according to locality — never succeeds in entering any other school. Handwork in these grades can not be considered apart from the whole scheme of elementary education. Handwork and drawing in general education should be approached from four fundamental points: (1) To de-

velop as much as possible of culture — enrichment of life through knowledge and appreciation of human achievement in art and industry; (2) to give the best possible start toward the life work in which the pupil will be most content and most efficient; (3) to furnish the best possible training for citizenship through developing a sense of social and industrial obligations; and (4) to give the best possible preparation for the continuance of education in higher schools.

As cultural subjects, history and geography have a prominent place in the elementary curriculum. Industrial arts should be correlated with these subjects. The development and movement of industry and commerce is the most concrete and the most clearly continuous aspect of history and geography which can be selected. Their record is the record of how men learned to do, to think through the doing, and to transform the primitive conditions of life to a higher plane. The arts of weaving, basket making, clay modeling, and representation; the study of textiles, bamboo, jutes, reeds and dyes can be, and must necessarily be, related to the life of primitive people, to Indian life, to the life of our early settlers, to past and present problems of transportation, and to food and clothing. As a matter of fact, a proper study of industry and art can be made to touch in a hundred ways the topics of geography and history.

Industrial arts are equally serviceable from the vocational point of view. Acquaintance with the industries is a most promising form of vocational assistance to offer to those pupils about to enter gainful occupations. Manual dexterity must be developed in early youth. The art of representation by means of pictures is almost instinctive in small children and early training fixes a habit. Fundamental muscular movements must be developed in the elementary school. We must not wait until the child is 14 years of age before we begin to develop fundamental motor activity. Nimbleness of finger movement, a sense of form and color, a desire to work and work well, can be instilled in the early and impressionable years. All these factors have their direct vocational bearing.

The problem of training children to take their place in the world's work demands that the child be placed in a working environment, and the greater the resemblance between his present and future fields of activity, the more effective the training received. Industrial arts not being a matter of textbook or recitation but rather an actual reproduction of processes, furnish the pupils a

rich industrial experience, develop adaptability through working over, under and with others and habituate pupils in a degree to such planning of work, estimating of cost, and economizing of materials as the outside world will eventually require.

The study of industrial arts in the elementary school includes much more than the various lines of handwork which have already found lodging within the curriculum. It should be more than recreative or "busy" work. Manual training was introduced as a means of formal discipline. Taken in hand by students of child psychology it has been made to appeal effectively to children's motor and imitative instincts. So far, so good, but it should also be made to furnish some concrete applications for other school work. It is only recently that the significance and meaning of handwork in the elementary school, as bearing directly upon the future social and industrial efficiency of our workers, has had the attention it deserves.

Industrial work in the primary grades

In this work much attention has been given to the reactions which are secured from children. These depend largely upon the appeal which is made to their motor instincts and impulses. An educational element of value is the general acquaintance which pupils gain of the qualities of the common materials which are used, their measurement and their manipulation. This gives a foundation for the industrial work of the later school years. Children in the primary grades can gain an elementary knowledge of the nature and operations of the industries upon which their own lives are most immediately dependent. School gardening, weaving, basketry, leather work, etc. can be treated from this standpoint. Pupils can be led to the observation and reproduction of the homely, everyday activities which they see as meeting their own immediate needs, such activities as truck farming, and housekeeping; such necessities as clothing and shelter. Every attempt should be made to have the industrial work deal with the child's actual and immediate environment. By combining productive work with observation, there can be developed a habit of attention to the facts of this environment which ought to increase an appreciation of its activities.

Industrial arts in the primary grades of the State are no longer looked upon as a fad or frill. Primary teachers, trained in our State normal schools, are seeing the educational significance of drawing and constructive work. There is a growing appreciation of its educational content. More attention should be given to the

true significance and meaning of the industrial arts. There should be a close relationship between drawing and making. An investigation of the manual training and drawing in the 84 cities and towns (omitting New York city) in the State, employing a school superintendent, shows that 80 of these places have drawing teachers who give all, or nearly all of their time to giving instruction in drawing and simple constructive work, such as paper cutting, cardboard work and weaving. Outside of New York city there are 118 teachers of drawing in the State.

The drawing and construction work of the first six grades should be under one supervisor. Nothing is gained by a division of effort.

Industrial arts in the grammar grades

At 12 years of age children enter upon the stage of analytical and discriminating interest in the social and industrial life about them. The impulse towards reality repudiates the toy play and doll play of previous years. At this point constructive work should concern itself with articles for actual use or with the building of mechanical models very closely imitative of the originals.

Sex differentiation of handwork enters into consideration at this point: for boys, toward the larger industries, and for girls, toward the household arts. While every one admits that there are important social and ethical values in giving either sex a clear appreciation of the nature and requirements of the work done by the other, it is absolutely necessary to keep in mind that the work of the average pupil is beginning to have a significance to him through a recognized relation to his own future. To give shopwork to girls and sewing to boys is to play with a child's present interest and future work. It is such pedagogy as this that must be controverted.

The work in industrial arts at this point is not defined in the narrow sense as being industrial training. It does not imply training for efficiency in some one specific occupation or industry. Given at 12 years of age it would not necessarily serve to increase appreciably the pupils' earning capacity or to shorten the period of apprenticeship; neither does it presuppose a choice of vocation.

However, it is entirely practicable from the 6th to the 8th grades to give such notions of leading industries as shall be of large assistance towards the proper selection of a particular line of vocational or industrial training or in the case of those destined for the high school and college, toward the proper selection of a higher school

The cultural values of constructive work and drawing, when given a fair proportion of school time — for example, five hours a week — are clearly of importance to all classes of pupils. The boy destined for a profession needs experience and knowledge that will make him appreciate the factors of industrial life. The one destined for a highly specialized industry ought to have such acquaintance with other types as will show him his own in a proper perspective. Outside of New York city there are 45 cities and large villages that provide manual training to a greater or less extent in the elementary grades, the subject being taught by 78 teachers, of whom 41 are men. All of these cities and towns have it in the first six grades, while approximately two thirds of them have benchwork in the seventh and eighth grades.

Correlation between drawing and constructive work

Some cities and towns in the State have worked out a definite connection between drawing and constructive work. In the majority of places, however, the manual training in the upper grades is carried on independent of the work in drawing. The opportunity to furnish a motive for good design and representation by its direct application to problems of construction is too important to allow of any negligence in the most hearty cooperation between these two school activities, which might well be classed under one head — industrial arts. Making of designs to throw into the waste paper basket is not a sound educational procedure. Making of the design of a basket and then making the basket, is good educational practice.

Other materials and processes needed

Constructive work in the upper grammar grades is too closely confined to woodwork. This may be valuable as far as it goes, but the woodworking trades now include no more than a tenth of the more desirable openings. A boy that fails to do good woodwork may yet have in him the making of a printer, electrician, plumber or draftsman. Industry is now so varied that success or failure in any one line offers little evidence regarding one's probable success in others. It is strange that so few schools in the State have considered printing as a desirable form of industrial arts work. It is an effective way of teaching spelling, punctuation and composition. It makes possible the application of border lines, lettering and spacing which is emphasized in the drawing courses. It develops neatness, orderly arrangement, taste and appreciation of color.

Every school can make use of a great variety of printed matter and this is apparently the one point at which industrial work may be carried on in continuous service of the school as a whole. It could be in so large a sense a regular industrial enterprise conducted by the school, that it could give a peculiar sense of reality to the whole process. In one grammar school in Buffalo there is a printing plant where the boys are printing school programs, invitations to school exhibitions and school notes. Outside the State there are many schools that use their printing plants to print a school paper and to do some job printing for the superintendent's office. Bookbinding is an excellent adjunct in such a scheme. Boys and girls repair their school books, bind up and cover their compositions.

Electricity as a factor in industrial arts in the elementary school is one which can not be ignored in any cultural or vocational survey of modern industry. It is constantly becoming a more significant factor in the fields of the leading industries. It demands a unique type of ability, both mental and manual—an ability frequently discovered in pupils whose progress in many other lines of industrial work is unsatisfactory. Electricity is one of the industries in which a study by actual reproduction is most available, since the construction, alteration and operation of simple bells, motors, telegraph instruments, etc. is fully practicable at small expense in the usual school shop. Accuracy, neatness, order, initiative, skill, and manual intelligence can be developed by the manipulation of tools and materials other than those now in use in our upper elementary grades.

Industrial arts in rural communities

The benefits accruing from industrial training need not be confined to localities having the mechanical industries. New York is a great agricultural state ranking fourth in value of farm property, fourth in value of farm products, first in the expenditure for farm labor. There are 375,990 persons directly engaged in agricultural pursuits. The country school must find means for the presentation of vocational training from the agricultural standpoint. It is a mistake to extend to the rural school the same industrial work which is practical and desirable in the city schools. Boys in the country instead of devoting all of their manual training to woodworking exercises, might well learn how to set window glass, to mix paint and whitewash, to temper tools, sharpen saws, to make chicken coops, brooders, model gates and fences. We must get away from a single set of models which have been handed down from a Russian or Swedish system of manual arts.

Many rural districts hesitate to establish courses in household arts because of the supposed expense. School trustees examine the equipments and methods of the city schools and see no way of accomplishing similar results without a direct imitation of the city methods. The Household Arts Department of Cornell University has developed an equipment and course of study which makes it practical to have household arts training in every rural community. A cooking equipment suitable for the rural conditions can be obtained for less than \$50. A very satisfactory manual training equipment for a small school can be obtained for \$87.50. Viewed in its proper light and in a sense of relationship of education to environment, the rural school offers a better opportunity to give adequate manual and household arts training than the city school. There can be a closer cooperation between the home and the school—a more direct application of handwork to environment than is possible in the city school.

Household arts instruction

Household arts in the upper grades needs fuller consideration than has been given to it in the past. While some schools in the State have sewing for the girls, there is not, with some notable exceptions, any definite, well organized purpose in the instruction. It lacks definite supervision. It is usually taught by the regular grade teacher who may have a relatively small conception of the value of such work and insufficient grasp of effective methods of teaching it. Girls in the primary grades may like to sew doll clothes, but girls in the upper grades have little interest in darning small holes in a bit of cloth, repairing a tear which they have themselves just made with a pair of scissors in order to be furnished with an exercise, or in cutting out and making an apron which can only fit a doll. Girls, like boys, desire to work on and with real things. They should be making full sized aprons, shirt waists, and darning real stockings.

The harmony of color and good design has a direct bearing upon the clothing that our girls wear and upon the home they live in. Surely harmony of colors, as applied to a bow of ribbon in the hair, or a shirt waist, is as much applied art as to color a bunch of nasturtiums on a piece of paper. Moreover, it is an art more effectively applied if the girl selects her materials and makes a shirt waist harmonizing with her complexion, form and pocketbook.

There is no teaching in the upper grades which can be more effective on the health, manners and morals of our girls than instruction in cooking. To learn the names of the bones of the body

can not have the social, or even the educational value that a course in food preparation and household science may have. To memorize and accept as a fact that starch is manufactured from potatoes, can not by any possible stretch of educational theory give the same mental discipline that a practical experiment in the cooking laboratory in which the girl discovers that starch is made from potatoes. Girls can not be taught to be neat and tidy by simple preachments. Many a girl has kept her hands cleaner and her hair more tidy when she has come in contact with the cooking teacher, the latter insisting and the girl seeing the reason for such insistence, that the food materials be properly handled.

A single illustration of what may be done with little money and much enterprise is given. A superintendent of schools in the State decided to have domestic science in the school system. A carpenter was engaged to tear down partitions and make three small rooms into one large room. He found six unused laboratory tables. These were planed on top and painted on sides and legs. Total cost \$25. He engaged a plumber to pipe these tables for stoves and instal a sink (cost \$64.50). The local gas company donated a stove. An unused book closet was converted to china closet (cost, none). Dishes and utensils cost \$47.69. The same room is used for sewing. Teacher's salary \$700. Total cost of equipment \$137.19. The number of pupils in elementary sewing is 158; in cooking 106. There is also a class of high school girls. An extract from a letter stating what this teacher is doing in her work in cooking, follows:

The children work individually as much as possible. When material is expensive they work in groups, giving them the practice of planning their work to fit in with the work of others. Emphasis is laid on economy of material, gas and dishes used; the attractive serving of each dish; planning and cooking of the different dishes so that they could be served hot at the same time. While each child worked with very small quantities in school, the receipts given them were in large quantities and these were made at home, each child reporting on her work when she came to class next time. I tried to give them enough lessons under each head to give them an idea how anything which might come under that head could be prepared. In taking up the classes of food, the class put each food cooked in the class to which it belonged — proteid, fat or carbohydrate — and then made up menus and criticized menus to see if they were properly balanced. In working with meat, the tougher cuts were used, showing that with proper cooking, the more economical cuts, which are just as nutritious as the expensive cuts, could be made very palatable.

Outside of New York city there are 25 cities and large villages teaching domestic science; 27 teaching sewing. There are 40 cooking teachers and 25 sewing teachers employed for this work.

Relation of manual training to vocational training

Present tendencies indicate that manual training will become richer and perhaps assume a more vocational form and will occupy a larger place in the school program, as a result of the widespread agitation for vocational training. The latter will react on the manual training, compelling it to assume a more definite and pedagogical character. No less than five supervisors of manual training in the State have readjusted their courses of study since the advent of the industrial and trades school law. Superintendents and principals are now claiming that their manual training is practical while a short time ago they were equally insistent that it was a "disciplinary subject." There should not be any confusion as to the fundamental difference between the two forms of training. Manual training is an instrument designed to form a part of general training of all children, while industrial training is more or less specialized instruction which deals with selected groups.

Vocational education

By vocational education is meant all that training and instruction which purposely ministers to self-support and productive capacity. The study of science, mathematics and art may or may not be vocational according to its purpose, emphasis, and the type of students considered. The industrial and trades school law in the State provides for *industrial schools* for boys and girls who have reached the age of 14, and *trades schools* for pupils who have reached the age of 16. In other words, the Education Department is standing for two types of schools: (1) the "vocational school," "intermediate industrial school," or "industrial school" which will give better elementary school provision for the vocational needs of those likely to enter industrial pursuits; (2) "preparatory trades school," "preapprenticeship school" or "trades school" which offer special shop, laboratory and drawing room practice along a *chosen trade* pursuit. A marked distinction is made between these two types of schools. The policy of the Education Department can be understood by following carefully the aims and methods of each type as outlined.

INTERMEDIATE INDUSTRIAL EDUCATION

This form of vocational training is primarily for youths from 13 to 16 years of age in the fields of the trades and manufacturing industries, and does not assume in its students the completion of the eight year elementary course of study and does not assume to give complete trade training.

The vocational school must, from the standpoint of greatest advantage both to the individual and the community, train for practical work and at the same time secure an adequate training of the mind. In the language of school men, all the exercises in the vocational schools should be educative of the mind as well as the hand. Topics that can not be related to this conception should be excluded from the course of study.

Industrial training should begin (1) after the ordinary school arts, like reading, spelling, writing, drawing, arithmetic and grammar and the rudiments of history, geography and nature study are fairly completed, and (2) as soon as the muscles are strong enough to handle the lighter tools of industry safely and are sufficiently developed for the acquisition of skill in their use. Under ordinary conditions the vocational schools should be open to children who are 13 or 14 years of age and who have completed the first six grades. It is not assumed that in the years from 14 to 16 it is practicable to give a complete vocational education; in most cases the completion of such education must be found in the actual pursuit of the calling. A more definite preparation can be obtained in the system of trades schools which follow and supplement these schools.

An intermediate industrial school for children entering at 13 or 14 years of age should have a course extending from two to four years. The latter period is preferable for two reasons, first, because this length of time is necessary to produce the requisite mental and physical training for a life of progression in industrial efficiency, and second, because it enables the school to attract and hold the student from 14 to 16, when his growing power is greatest and his earning power least.

For the first two years the studies should be general in character, being designed to round out the elementary school—instruction laying the foundation of industrial efficiency and arousing a set of industrial interests that will demand the work of the next two years for their fulfilment. In other words, general mechanical training the first two years and “specialization” the last

two years. This specialization will not come until the pupil is 16 years of age.

For the last two years the studies should be more specific in character. The first two years should have developed an interest in industrial subjects, and by this time the pupil ought to have determined what line of mechanical work he was best adapted for and should then fit himself for a trade pursuit. The general aim of the last two years should be to make specific applications of subject-matter to the industries of the locality and its vicinity. The boy might spend the major part of his school time of the last two years in the shopwork. It is suggested that possibly a definite connection can be made between the vocational school and local apprenticeship systems that may exist in local factories.

The intermediate industrial school will not primarily aim at trades teaching because the trades are too many and too diversified and because the training would be narrow and intensive and would prevent the realization of the larger vocational qualities which such education aims to attain.

Specialization characterizes modern industry, but back of many groups of trades or factory processes are found certain elements of likeness in the materials employed, the tools used, and the general character of the product. While schools or courses can not be established to meet individual wants, it is at the same time feasible to discover in any school system having a population of 5000, or more, large groups of children whose interests, capacities and probable economic destinations justify the maintenance of a vocational school. Such cities have discovered that there are enough children who are going into college to justify a college preparatory course. In every portion of New York there is a considerable localization of industry, and there are enough workers in certain trades and industries to justify preparatory training looking towards these industries. Equality of educational opportunity demands that these communities do as much and do it as definitely as they are now doing for those pupils who expect to go on to college.

Practical aim

Three fundamental points need consideration in the practical aims of intermediate industrial education:

- 1 That this type of education is not to lay its emphasis on the training of leaders — except as an American democracy, every one has the right to lead if personal power and experience give him

that advantage. Youths of promise can not and should not be kept down. Time and experience in the trade will develop leadership if the foundation is sure.

2 That it is not the purpose of this type of school to make vocational training incidental or subordinate to further liberal training. The many who are to enter our industries are of equal account with the few pupils who succeed in any type of school. Present educational facilities provide for the latter.

3 That it is not to confine itself to a narrow and highly specialized trade training. It is to lead boys and girls toward the industries with awakened sympathies and ambition for industrial careers with some knowledge of industrial qualities and with some conception of what the industries have to offer them.

Ideals to be reached

The ideals to be reached in such a school may be summed up under four headings:

1 The development of a part of the experience, intelligence and skill requisite in a given group of related industries. Courses in industrial arts can be devised which will give similar experience with the tools, materials, and processes involved in groups of related industries.

2 The adaptation of its work to the prevailing industries of the locality. Local financial support and sound pedagogy demand that industrial education shall grow out of community needs.

3 This type of school should serve as an agency for the proper and wise selection of occupation. Intelligent vocational selection is wellnigh impossible under present school conditions.

4 The development of certain large industrial and social qualities such as interest in work, ideals of workmanship, and industrial responsibility. It seems reasonable to believe that the best way to obtain such qualities is in connection with actual work in a school.

Method to be employed

The course of study will fail to accomplish its purpose unless the following principles are carried out:

1 The teaching of essentials in bookwork.

2 Teaching applications before theory. This is very important — application of mathematics to shopwork, shop accounts, business subjects, etc.

3 A definite correlation, by grouping related subjects under one subject.

4 Avoidance of the division of the school day into short periods.

5 Study under direction in the schoolroom. If home work is assigned, it should be along the line of working up notes, writing descriptive sketches, rather than the assignment of matter which has not been carefully explained beforehand.

Organization of subject-matter

That the subject-matter will vary according to the locality has already been made clear. The shopwork should result in products which are usable and under favorable conditions, salable, common sense will determine what is feasible and fair to all interests concerned. Pedagogical principles demand that the boys and girls attending this type of school shall deal with whole products, reproducing commercial conditions so that an abiding appreciation of rate of work may enter into the question of production. The factory school at Rochester has been successfully working on this basis. Others are approaching it.

The most effective method of approach in the bookwork will be along the lines of its application and with comparatively little study of pure forms. Mathematics, science, drawing, and to a slight extent even English and history, should grow out of, and manifest its relations to the concrete shopwork. It will be necessary in planning the bookwork to discover to what extent each subject should enter. The industrial and educational requirements of the trades are so varied that it is impossible to offer a single inflexible course of study. For example, if the student selects a trade that requires more mathematics than is offered in the given course he may be allowed to take extra work in this branch at the expense of some irrelevant subject.

Vocational vs. nonvocational studies

When the program of vocational studies has been determined it may be possible to introduce others that are frankly nonvocational, such as music and art. Caution must be used in this matter. It is possible to make a social and industrial citizen, to give vocational intelligence and vocational ideals by studying evolution of industry,

industrial hygiene, rates of compensation, relations between employers and employees. Formal and detailed work in the so called "cultural" subjects does not necessarily make for citizenship. In the Albany vocational school stress is laid upon the development of transportation and communication, the establishment and growth of cities together with their new code of civic life involved, the changes brought about by the concentration of capital and labor in production, and the civic duties and privileges of the modern industrial citizen. It is believed that the educational context of facts concerning industrial and economic development is greater than that of the study of facts relating to wars, boundaries of states, or development of political parties.

Organization and administration of industrial and trades schools

The State law provides that these schools shall be a part of the public school system but that their work is not to be mingled or confused with the work of the other schools. They occupy rooms of their own, have courses and teachers of their own. Experience has clearly demonstrated the wisdom of this provision. The Education Department provides three checks by which the vocational character of these schools can be preserved: (1) State inspection by a special agent; (2) requirement that shop teachers shall be men and women with practical training and experience in the industries; and (3) bookwork organized in relation to shopwork.

Much may be said in favor of having these schools under their own roof and working completely under their own program. There is thus provided an industrial atmosphere and such schools may be expected to develop their own social spirit. It is not always possible to start an industrial school in a separate building, but it is possible to select one, two or three rooms and make a beginning in an industrial school organization. To delay until a new building can be built for this special purpose is often to approach the solution of the problem ineffectively. New York city, Rochester (factory), Albany and Freeville (George Junior Republic) have separate school buildings for these schools. Yonkers has started its trades school in the high school building until the new building is built. Hudson, Schenectady, Lancaster, Buffalo, Rochester (vocational) and Gloversville have the industrial school organization in a school building which is used for another purpose. It requires time and tact to prevent the growth of obnoxious class

distinctions in these special schools, but time will solve the problem as it has solved it in our American universities.

Schools organized under the law of 1908

	TEACHERS			STUDENTS		
	Men	Women	Total	Boys	Girls	Total
Albany.....	2	3	5	49	38	87
Buffalo.....	2	0	2	40	0	40
Freeville.....	5	2	7	32	31	63
<i>ab</i> Gloversville.....	0	1	1	37	45	82
<i>a</i> Hudson.....	1	2	3	21	23	44
<i>a</i> Lancaster.....	1	0	1	38	0	38
New York.....	6	0	6	116	0	116
Rochester (boys).....	6	0	6	100	0	100
Rochester (girls).....	0	1	1	0	18	18
Schenectady.....	1	1	2	50	0	50
<i>a</i> Yonkers (trade).....	1	0	1	25	0	25
Yonkers (vocational).....	0	2	2	0	25	25

*a*Evening class also. Gloversville 16; Hudson 18; Lancaster 46; Yonkers 239.
*b*Not yet organized under trades school law

TRADES SCHOOLS AT 16 YEARS OF AGE

The existing manual training courses in the high schools of the State are not trade courses, neither the manual nor the academic instruction being especially planned to be of direct vocational service. Their pupils are of the same general type, of the same age and of the same preparatory training as are the pupils of the classical courses. Their courses endeavor to develop the same type of intelligence, the same habits of thought and the same kinds of ability as do the other courses in the high schools. They are located in schools of the college preparatory type in which the instruction, mechanical as well as academic, aims to provide the mental discipline of the kind required of those who would continue their studies in higher institutions.

In filling this function, these courses are serving a useful purpose. However, the field occupied by the manual training courses in existing high schools, is entirely distinct and different from the field to be occupied by the trades schools as proposed under the State law.

Trades courses vs. manual training courses

The trades schools will differ from the manual training courses in the secondary schools in the following particulars:

1 Pupils enter the trades schools with a definite purpose of preparing for industrial careers.

2 The trades school absolutely abandons all college preparatory work.

3 There is almost no instruction in pure mathematics or pure science, but instead, a fair amount of time is given to such applied mathematics and applied science as is closely related to the trade selected by the pupil; in fact, all the instruction, whether in classroom, shop or laboratory, is designed so as to be directly usable.

4 The trades schools will necessarily take on varying forms in different localities.

5 They will not be parallel to our existing high schools in that they will not necessarily draw pupils who have completed the eight grades of the elementary school.

6 They will make a more or less direct connection with the intermediate industrial schools previously outlined.

7 Those students in the trades schools who have had preliminary industrial training in the vocational schools will be allowed to take highly specialized courses with their instruction concentrating upon the development of skill and knowledge of direct practical bearing.

Outlook for trades schools

Eventually trades schools must be established in every section of the State where there is a demand for such training. The Empire State can not forever neglect the training of workers for our great constructive industries; neither will our workers always allow educational authorities to ignore their needs. There will be many types — monotechnic and polytechnic — fitting in with every industry. For example, some time we may look for a series of preparatory trades schools for printers. In this State there are over 50,000 people employed in printing and allied trades. There are 5 cities that should have a school for printers and lithographers. We may look for at least 3 textile schools for the 75,000 people who are engaged in the textile industry. The State should contain at least one shoe trade or technical school to fit workers for an industry that employs about 17,000 workers. Through private enterprise, New York has a school for the workers on ready-made clothing. There are 130,000 people employed in this industry and 1 school is entirely inadequate and does not touch the problem in Rochester at all. The electrical machinery apparatus and supply industries require the services of 16,000 workers. A school of lower grade than an electrical engineering school would be of

much benefit to such people. At least 3 such schools are needed in the State. There are 55,000 men and boys employed in the foundry and machine shops of the State. There are at least 18 cities in the State that have sufficient iron working industries and workers to warrant machine trades schools. There are 2 large paper manufacturing centers within the State employing 12,000 workers. A high standard of manufacture, excellence of workmanship and personal ambition of workers in the State can not always be maintained without attention to the special educational needs of these workers. There are 15,000 people employed in car shops and railroad repair shops. Men's furnishing goods and shirt industries have over 26,000 workers; furniture making 16,000; planing mills 15,000, etc. A man's work is worthy of being dignified by special education fitting him for it. The quicker we realize it the better for the interests of the State.

Industrial and trade training for girls

There is no intention on the part of the State Education Department to ignore the problem of girls' training, and much that has already been stated can be applied to the work for girls. The aim of the vocational and trades courses for girls is twofold: (1) It is to enable them through the right sort of homemaking training, to enter homes of their own, able to assume household duties with an intelligent preparation and to perpetuate the type of home that will bring about the highest standard of health and morals; (2) the courses of trade instruction will also train for work in distinctly feminine occupations. The time is not far away when every girl will learn some specific kind of remunerative skilled work.

There is no conflict between these twofold purposes. It simply means that girls will earn a livelihood in some skilled work during the 3, 6 or 8 years after leaving school and prior to marriage, and will do so for their own and the good of society. The earning power of these girls during these years will raise the standard of living in their families and give the impulse to a higher level. It means, moreover, that after marriage the girls will find most useful that homemaking training which they had in their vocational school work.

Taking these two points of view together, it is clear that industrial education for girls should embrace those subjects which women should understand and which will be of use in life. Dressmaking, millinery and cooking should be taught not only with the idea of enabling girls to direct a household in a better and more economical

way, but also to make them proficient enough so that they can earn a living if economic conditions demand it.

It is increasingly evident that not only are the demands of modern life thrusting into the background the instruction that should be centered in the home, but also that the women are entering the industries. Of the 377 lines of employment listed in the census in 1900, women had entered all but 7, in greater or less numbers. Nearly 30 per cent of the workers in the factories of New York State are women and girls. If industrial and trade training for boys is to be considered, then it is clear that industrial training for girls can not be overlooked.

In the housekeeping courses the girls would be taught:

a To care for the rooms: sweep, dust, clean windows and paint, build a fire and care for the stove, sink and tables.

b To cook simple nutritious dishes in family quantities and to buy the materials for these dishes.

c To serve a simple meal and know something of its nutritive value, expense and fitness.

d To wash and iron the garments made in the sewing classes, the aprons worn for school work and the towels, table mats, and curtains used in the house.

e To keep a book of recipes used in cooking lessons.

In the trades school courses the girls would be given preparatory trade training for any trade for which there was sufficient demand. A few of the many possible courses which might be organized in girls' trades schools, are millinery, dressmaking, household design and furnishing, institutional cooking and kitchen management, hair dressing, ready-made clothing, bookbinding, box making, glove making, engraving, shirt making, etc.

EVENING SCHOOLS FOR INDUSTRIAL WORKERS

There is an urgent need for evening trade and technical classes for bettering the opportunities of men and women already employed in industrial vocations during the day. Existing day schools which have well equipped shops and drawing rooms can render no more important service than to offer such facilities to the industrial workers.

The Buffalo Technical High School is open for evening work. Most of the men are from the shops in the city. The subjects taught are architectural drawing, carpentry and joinery, forging, steam engineering and fitting, mechanical drawing, sheet metal drafting, mathematics, physics, architectural design, electrical work,

gas engineering, plumbing, pattern making, machine design, machine shop practice, mechanics, chemistry and surveying.

The city of New York contains several evening schools of trades using the equipment of the manual training high schools. Tuition is free. Work is given under practical teachers. Among the subjects taught are free-hand and commercial drawing as applied to publication, advertising and industrial purposes, mechanical and architectural drawing, carpentry and joinery, cabinet making, plumbing, machine shop work, electrical and steam engineering, electric wiring and installation, mathematics, industrial chemistry. The number of students who are taking industrial courses in the various evening high schools, is as follows: Stuyvesant Evening Trade School, 736; Evening Technical and Trade School, 926; Long Island City Evening High and Trade School, 775; New York Evening High School for Women, 349; Evening Elementary Industrial School No. 67, 324; and Evening Elementary Industrial School No. 5, 312.

No mention is made in this list of the sewing, dressmaking, millinery and cooking classes as conducted in the elementary evening schools which are not specifically evening trades schools.

The Schenectady Evening High School has an electrical course with the work so arranged as to meet the needs of mechanics connected with the General Electric Company who desire to secure additional training along electrical lines. The course covers the following studies, each receiving three hours per week: algebra, plane geometry, trigonometry, physics, chemistry, mechanical drawing, elementary machine design and dynamo construction. The school board intend to open the day industrial school for evening school work.

In Syracuse three of the evening schools offer courses in cooking, while one has a class in woodwork. The total number of students taking sewing is 86; number taking cooking, 36; number taking woodwork, 18. The evening high school has a class of 15 students in cabinet making, and two classes in mechanical drawing with a membership of 50 students, both of these classes being taught by shop men.

For the size of the city, Ithaca has a large evening school, the industrial subjects being mechanical drawing, wood and metal working, sewing and cooking. In the student body 47 different occupations are represented. The average attendance is 86 per cent. Out of a total of 154 pupils, 47 have elected industrial subjects.

The evening work that Little Falls is doing points the way to a similar work that might be done by a city of the same class. Six instructors are employed, two of whom are engaged in what might be called industrial work. There are 24 pupils in two classes — one mechanical drawing and the other practical mathematics. All of these students are engaged in the shops of the city.

Hudson offers the facilities of its industrial school to night school students. There are 18 men taking mechanical drawing and shop work. In Gloversville there is an evening class in glove making. Lancaster has an evening drawing school with 46 students, taught by a day school industrial teacher.

No attempt has been made to mention all the evening schools of the State that have industrial courses. The main object of these schools is to give men already employed in the trades, who know therefore at least a part of the trade in which they are employed, an opportunity to broaden their mechanical training and make themselves more efficient workmen.

The State has an insignificant number of evening drawing schools. The expense of maintaining such schools involves only the salary of teachers, heat and light. Such schools would be of incomparable benefit to industrial workers.

Final word

No note of disparagement of the work of the advanced technical schools or the manual training high schools is intended. The higher technical schools are of the highest advantage to the State. They might well be multiplied. The same may be said of the manual training schools of high school grade, but it should be known that they are essentially college preparatory schools, or schools of general culture and that they do little in the way of training workmen. The State now stands in need of training in craftsmanship. This is a land of educational opportunity and of free choice of work. The public has had the habit of providing schools which lead to professional, more than to industrial employments. This is a discrimination which is unjust to many of our people and it is clearly a disadvantage to the community. It can only be remedied by a new class of public schools.

Public school authorities should see to it that every boy and girl has a good elementary training in the "fundamentals" before selecting special industrial work. It is not the purpose of the State Education Department to urge an industrial school system of such a

character that it will prevent sound, fundamental education. After the ordinary school arts have been mastered pupils should be offered their free choice of schools which will train them in literary accomplishments and for professional employments, or for commercial or business life, or for craftsmanship. The community must stand fair between employments and between people. Every boy and girl of any account can learn to do something fairly well, and the community ought not to encourage him to do the thing that he can not do very well, but it ought to aid him to do whatever he may learn to do well. The choice must be left to the boy and to the parent. He must have his free chance, and if he has it he will generally make the most of it. Manifestly, the chance will have to come through schools which train for all kinds of vocations.

Title V

THE STATE LIBRARY

Contrary to popular belief the New York State Library is not a great, general library. Though it probably has some books on most subjects, it does not collect nor try to collect *all* the books or even all the important books on *all* subjects. Indeed not more than one or two libraries in the country do this, not a dozen in the world. The claims of a definite constituency, financial limitations, the nature and extent of neighboring libraries, a variety of local circumstances — any one of these may serve, or all of them may conspire to determine for even the largest and richest libraries the special lines within which it seems best to develop their collections.

From its establishment in 1818 the State Library has paid special attention to the subjects of law and United States history. In later years and as auxiliary to the latter subject, no pains nor expense have been spared to get a complete collection of American genealogy. As conceptions of the functions of the State enlarged and its business grew, the new activities were reflected in demands for books on a wide range of topics. The library in time became allied with the administrative educational offices of the State and thus exceptional facilities offered for and strict heed was given to the collection on American education. The State Museum was attached to the same department, and a claim upon the library for scientific books for its staff has resulted in a fair working collection in the natural sciences. In 1889 the Library School was attached to the State Library and this, with its rapid growth as a reference library, required the best and largest possible collection of books on bibliography.

Ten years ago the physicians of the State united to secure a small annual appropriation for medical books. The resulting col-

lection (19,000 volumes, chiefly periodicals) augmented by many gifts from interested physicians, while not large has been carefully chosen and is already a serviceable research library for medical subjects.

Within the past 10 years the State has undertaken engineering on a large scale and a special appropriation of \$2000 was lately made for books on engineering and technological subjects to meet the increasing demands on the library from the hundreds of expert workmen who have been brought into the State Engineer's office, the Public Service Commission, the Department of Public Works, the Barge Canal office, the State Architect's office, the Department of Highways, and the Water Supply Commission.

In its collections on American and English law, United States history and genealogy, bibliography, education, the New York State Library probably closely approaches preeminence among American libraries. In medicine, technology, engineering, science and social subjects, the library has fairly strong collections which are increased as rapidly as funds will allow. To other subjects, for example, philosophy, religion, philology, the mathematical and physical sciences, fine arts, foreign literature, relatively little attention is paid, and while they are often represented by considerable collections no active efforts are made to give them symmetry or scope.

The additions during the year amounted to 18,679 volumes, bringing the total number of volumes in the library on September 30, 1909, to 478,488. At the close of the year the duplicate collection contained about 177,420 volumes and 358,165 pamphlets.

The total gifts of the year included 8126 volumes, 57,842 pamphlets including duplicates and 364 maps.

Our collection in genealogy, already notable, was unusually increased during the year by the purchase of 132 items at the sale of the S. S. Purple library in Boston in February 1909. The dispersal of this library brought into the open market the largest and choicest collection of rare books and manuscripts on this subject ever offered in this way. Many items were offered of which no more than 25 to 100 copies were printed and which come to sale through any channel so seldom as to make them practically unobtainable; some of them but once or twice in a lifetime. Naturally the State Library was represented at the sale, and its agents secured 104 books and 28 manuscripts at a cost of \$825. Small as this number may sound, it means much to our collection which is already so complete that not more than two or three in the entire

country surpass it. While in general the library is always anxious to get any item of family history not on its shelves, at the Purple sale special efforts were made to buy all material relating to prominent New York families. In this we were singularly successful, especially in the way of manuscripts.

An interesting gift came from Mrs Abraham Lansing, who in January 1909, gave to the library four books containing lecture notes taken by her father, Gen. Peter Gansevoort in 1810-11 at the Litchfield (Conn.) Law School, generally said to have been the first, and for many years certainly the only law school in the country, and eight books of notes from the lectures of Theophilus Parsons, Joel Parker and Emory Washburn at the Harvard Law School in 1856-57.

From Mrs Schuyler Van Rensselaer the Manuscript section received transcripts of two important documents in the Public Records office at London, relating to the trial of Jacob Leisler and his adherents. The documents are listed in the *Calendar of State Papers, Colonial series, America & West Indies 1689-92* as nos. 1379 and 1458 I.

Through courtesy of Howard Townsend of New York city, and Jonkheer W. M. Van Rensselaer Bowier of Amsterdam, transcripts were made of 49 Dutch and English documents relating to the Van Wely, Van Rensselaer and Van Bylaer families and to the colony of Rensselaerswyck. Some of these are of sufficient importance and interest to suggest the publication of a second series of Van Rensselaer Bowier papers, supplementing the volume so entitled and issued by the library last year.

During the year and within a month, both the Law library and the Legislative Reference section passed into the immediate charge of new men. Mr Clarence B. Lester, of the staff of the Indiana State Library, took charge of the Legislative Reference section on October 15; and on December 1, Mr Frederick D. Colson from the faculty of the Cornell University Law School, became Law librarian. This opened the way for a closer cooperation than has before existed between these two important and related branches of the library's work—a cooperation further promoted by the editing and indexing of the session laws of 1909, a duty laid upon the State Library by chapter 216, laws of 1908, and performed under the direction of the Law librarian by the staff of these two sections. This work required the side noting of all laws in manner similar to the usage of several other states; the preparation of footnotes (for the first time in any state) furnishing precise citations to legisla-

tion referred to in the text, the indication of the scope and exact verbal extent of all amendments, explanation of the ambiguities and inconsistencies inevitable in all new laws and the preparation of the necessary extensive index for which the entries must be complete and carefully chosen. A table was added of laws amended or repealed. The passage of the consolidated laws in 1909 makes it seem wise to contemplate annual cumulation of this table so that every subsequent volume of session laws will show at a single glance all changes in the consolidated laws since their original enactment.

Members of the Legislature and students of subjects of legislation continue to make use of the trained staff and extensive collections of the Legislative Reference section, and an increasing number from the staff of other State departments find their way to it. A remarkable amount of correspondence with other states and with foreign countries testifies to the wide renown of the publications prepared by this section and its reputation for efficiency and helpfulness.

For years the safety of our invaluable collection of manuscripts has been a matter of grave concern. The collection numbers over a quarter of a million. All of these have real interest, some of them are the exclusive sources of State and national history, and a few of them are unique and priceless documents because to all intelligent and patriotic Americans they are primary evidence of great events in the evolution of the State, country, and nation. All of these documents, without much opportunity for discrimination, have been kept in a single room without suitable cases and subject to many dangers from fire, handling, or even theft. As to the larger part of the collection, this must inevitably continue until we move to the new Education Building, but inasmuch as the larger number are of less interest they are subject to less peril. There is a smaller number of particularly choice pieces which it seemed could be accommodated in safer quarters, and within a year suitable leather cases have been made for them and they have been lodged in a safe in the main office of the Department on the first floor of the capitol building. The following documents were cared for in this way last June.

Charter or grant from Charles II to the Duke of York, of the land included in the present state of Maine, the territory from the Connecticut and the Delaware rivers, Long Island, Martha's Vineyard and Nantucket. 1664.

Duke's Laws, 1664-65.

Dongan's Laws, 1683-84.

Manuscript engrossed copies of the Constitutions of the State of New York for 1777, 1821, 1846, 1894, and of the proposed Constitution 1867-69.

Journal of the proceedings of the state convention held at Poughkeepsie, 1788, to ratify the Constitution of the United States.

Autographs of the signers of the Declaration of Independence.

André papers.

Washington's opinion of the surviving generals of the Revolution 1791-92.

Draft of Washington's farewell address 1796.

Statement of Washington's household expenses 1789.

Draft of President Lincoln's first emancipation proclamation, September 22, 1862.

Numerous Washington relics.

A fuller description of each item will be found in the Journal of the Regents meeting for June 17, 1909. To these was added in October a copy of Bradford's Laws, the first book printed in the present State of New York, 1694.

During the two years ending September 30, 1909, 43 people left the service of the State Library, a number equal to nearly one half of its staff. Nine of these went to other library positions, a form of transfer which, considering size of the staff and renown of this library, is to be constantly expected. Four married, a form of loss to us which may also be expected to be reasonably constant and which occasions no surprise. Twenty-one, however, were transferred to other departments of the State service, and it is this large number (one half of the total of those who left us during the two years) that occasions remark. Under present Civil Service rules a clerk may be transferred from one department to another without increase of salary until after six months service in the new position. The large number of transfers from the staff of the State Library seems to show two things. First, that salaries paid by other State departments for the same service are so much higher than those paid in the Education Department that it is easy to tempt our clerks away. Second, it is a serious question whether the time which must elapse after transfer before increase of salary, be not too short. If nine or twelve months were required to elapse before increase of salary after transfer, would not the State Civil Service, viewed as a whole, be more steady and its person-

nel far more permanent and therefore more effective? Again, does not the present possibility for easy transfer and early increase of salary operate constantly to increase salaries in all grades and therefore both to swell the total cost to the State for its clerical work and to raise salaries in many departments or positions far beyond what the same quality and amount of service would fetch in any other channel.

Since its beginning 11 years ago, the Library for the Blind has sent 42,035 books to 774 different blind readers in all parts of the State. No lively fancy is required to picture what this simple statistical statement means to the beneficiaries of this small branch of the library's work, and from none of those annually served by the library are received so many and such earnest letters of appreciation for the generosity of the State. This work is almost wholly with the adult blind, thus supplementing the work which the State institutions do in teaching blind children to read. These blind children after leaving the State schools become in turn readers of the books sent out from the State Library, and but for these books they would in many cases be without reading matter. There is, however, a distinct educational aspect to the library's work in this field, for many of the adult blind have never learned to read raised type. It thus becomes necessary to send out a primer containing the alphabet, the Arabic figures, short words and simple sentences. Through the use of this elementary material, many have become readers, who at first were firmly convinced that they could never use embossed types.

The following statistical items are of interest as touching some features of the routine work of the library.

The bindery turned out 7557 volumes at a cost of \$6100.11, besides 252 volumes bound for the Library for the Blind at a cost of \$255.44. Repairing, gilding of call numbers and other work brought the total amount expended for binding to \$8034.86.

\$2585 tuition fees collected in the Library School; \$2473.66 traveling library fees and \$455.30 received from other sources, chiefly from the sale of library publications; a total of \$5513.96, was covered into the State treasury during the year.

1200 employees of the State are registered as borrowers from the State Library, and libraries, schools, colleges, study clubs and special borrowers swell the number to 2148, to whom 34,175 books were loaned during the year.

9602 volumes were fully catalogued during the year and 24,588 new cards were added to the catalogue.

LIBRARY SCHOOL

The New York State Library School has had a large part in the great growth of library work in this State since 1889 and to a lesser relative extent, as its students have come into demand in other states, it has been effective, through them, in advancing library development throughout the country. It has afforded an opportunity for young men and women in New York State who have wished to take up library work, to get the necessary professional training. It has drawn many students from other states (although these have never been admitted when there were equally satisfactory candidates from New York and they have always paid more tuition) who have in many cases remained here to work, thus enabling New York to recruit her librarians from good material elsewhere.

The aggregate of work done by graduates of the school who have filled 700 positions in New York State would seem to be the best justification for the very inconsiderable appropriations necessary to carry on the school in connection with the State Library. Of these 700 positions one half have been filled by those who came to the school from other states or from foreign countries.

To the State Library itself, and quite apart from the wider aspects of useful library service to the State at large or to other states, the Library School is of peculiar and almost indispensable value. Under prevailing methods of appointment to the State service it would have been quite impossible to do the amount and kind of work that the State Library has done for the past 15 years without the constant availability of this little group of specially trained people from whose numbers the staff of the State Library has often been filled.

The annual summer session, in which tuition is free to residents of the State, offers a minimum of training and a profitable and pleasant professional forgoing to those especially from the smaller libraries who can neither afford the time nor bring the preparation necessary to enter the regular two year course. Lack of room and help has heretofore made it necessary to limit the number taken, not only in the regular school but especially in the summer session with its more informal entrance conditions. This is to be particularly regretted in the summer school as the increased supervision and encouragement of the smaller libraries in the State by our library organizers, has stimulated applications to the summer school which can not be cared for until occupancy of the new Education Building shall provide increased instructional facilities.

The school is now old enough to have a considerable body of alumni. These have organized and in recent years have shown a

very earnest interest in and a very warm loyalty to the school. The Alumni Association has established a student loan fund, has made such useful and well considered suggestions relative to the curriculum as could come only from those in active library work as distinct from library instruction, and in more than one instance when resignations or reorganization in the State educational offices have brought the future or the faculty personnel of the school into uncertainty, the advice and action of its alumni have been of real effect.

During the school year 1908-9 there were in attendance at the school 33 students in the regular course, 28 in the summer school and 10 members of the staff of the New York State Library, a total of 71 persons.

Nine students received the degree of B.L.S. for satisfactory completion of the two year course.

The joint publication of an official code of catalogue rules by the English and American Library Association has furnished an authoritative textbook which bids fair to be permanent and upon which has been based a considerable revision of the important courses in cataloguing and classification. The changes will be effective during the school year 1909-10 and will be planned to bring the work into closer accord with general library practice.

The summer course of 1910 will consist of two consecutive three week courses in place of a single general course of six weeks. The subjects treated in each course will be closely related and limited in number to permit more extended treatment than would be possible in a general course.

Nearly a hundred library positions were filled by graduates and former students during the year, many of them being positions of importance and responsibility.

title VI

EDUCATIONAL EXTENSION

The Division of Educational Extension is concerned with public libraries, traveling libraries and study clubs. Its object is to promote and extend the popular use of good books and to exert a positive influence in that direction by visits and correspondence and by actual lending of the best material. The financial and personal aid offered by the State to approved libraries have become important factors in gaining acceptance for the work undertaken.

With the addition of two library organizers to the field force of this division, as noted for the first time last year, the personal touch upon the local library movement has become more distinct and pronounced. The smaller and weaker libraries, so far as this particular service has reached them, have been greatly encouraged. One of these organizers has compiled for practical use in connection with the State work a pamphlet of 22 pages which has been published by the Department containing *Directions for the Librarian of a Small Library*, introducing simple ways of meeting the requirements of libraries which are not expected at any time to exceed 2000 volumes.

In connection with a committee of the New York Library Association a careful study has been made of the lack of library facilities in the rural districts of the State. From this it appears that the unincorporated villages and open country containing 1,500,000 population have only 85 free libraries or one library for 17,647 persons and that these people are scattered so widely that a single country library can rarely supply the needs of more than 1000. As a result of this examination an effort is now on foot to interest and appoint an active unpaid library worker for each county who will undertake to promote the use of traveling libraries and other like expedients

to bring good books within the reach of all. This will be done through the cooperation with the State Library, with local libraries, with other local organizations and by individual efforts. The State has many books not in constant use and this movement to stimulate the demand is of large importance.

The following is a detailed statement of library conditions in the State and of the year's work of the division.

Libraries. Reports were received for the year 1908-9 from 1306 libraries which may be classified by their relations to the Department as follows:

State Library	1
Incorporated or admitted.....	252
Registered only	148
Belonging to University institutions.....	828
Belonging to State institutions not in the University.....	15
Not connected with the Department.....	62
Total	1306

These libraries contained 9,957,225 volumes.

Of the libraries reporting 689, including branches and 272 libraries of high schools, were free for lending. They contained 4,227,665 books and reported a circulation of 18,747,849 for the year, showing an increase over the preceding year of 177,102 volumes and 2,268,392 circulation.

This free circulation continues to increase from year to year and now shows an average of 2324 books issued for every 1000 of the population of the State, according to the census of 1905. For each 100 books in the free libraries 443 were circulated.

The average for last year was 407.

Charters, registry and transfers. During the year, four absolute and eight provisional charters were granted and five libraries previously acting under provisional charters received absolute charters. Two charters were amended, one by change of corporate name, the other to increase the number of trustees from five to nine. Certificates of registry were issued to 17 libraries and branches. Three library transfers and one conditional gift were approved and one library corporation, having transferred its books and property to a new library, was dissolved. The gain for the year in the number of libraries chartered and registered was 14, making a total enrolment of 444.

Expenditures. The expenditures for the year aside from salaries and expenses of administration were as follows: 354 allotments to free libraries, \$30,826.50, showing an increase for the year of 35 allotments and \$2639.31; books and binding \$7033.51.

Field work. During the year 347 library visits were made by the field workers of the division.

Two library organizers have been steadily at work but have not been able to meet the demand for their services. In each place reached by them the library conditions have been greatly and permanently improved and the library interest increased.

Thirty-five libraries have received their help for periods varying from three days to two weeks.

They have also found time to pay many visits of inspection, especially in connection with holding library round table meetings.

Of the 347 visits noted above, 172 were made by the organizers.

As in previous years, the round table meetings, arranged by the New York Library Association, have commanded the attention of the field force of the division who have given almost their entire time to this work and the visitation incident thereto during the month of May. The report shows that 31 such meetings were held at different points in the State, with an attendance of 766 persons representing 255 libraries. The number of libraries was the same as in the previous year, but the attendance was increased by 181 persons.

In the publication of the quarterly bulletin, *New York Libraries*, which is the organ of this division, it has been found necessary to enlarge the edition to 500 copies to meet a growing demand from newly organized libraries and from libraries and individuals without the State desiring special numbers containing articles or book lists particularly wanted. This publication is recognized as being of growing importance in dealing with existing library conditions.

Statistics. The reports of the year show 279 libraries receiving money from local taxation for partial or complete support. This indicates a gain of 34 such libraries over the number reported a year ago, but from the total enrolment of 444 libraries there still remain 165 which are wholly dependent on private gifts.

Nine cities out of the 49 in the State pay nothing directly for free libraries from the public tax. These are Cortland, Geneva, Hudson, Ithaca, Jamestown, Lackawanna, Oneida, Rochester and Watervliet. Of these, four, Hudson, Ithaca, Jamestown and Rochester, have each an important free library sustained by endowment, Cortland has a

subscription library and Oneida a large school library open for public use. Geneva has a small but promising free library privately supported.

In New York city the free circulation of books was 11,763,128, an increase of 2,215,768 for the year and nearly 63 per cent of the total circulation for the State. In 48 cities the circulation was 16,002,371, an increase for the year of 2,570,592 and 85 per cent of the whole circulation of the State. The taxation for free libraries in cities was \$1,382,075.96, an increase of \$228,138.12 for the year. The population of cities, not including Lackawanna which was incorporated in 1909, is 71 per cent of that of the State. The remaining 29 per cent of the population are credited with only 15 per cent of the free library circulation.

Nineteen new buildings have been completed and occupied within the year ending September 30, 1909, as follows:

Amityville Free Library, July 10, 1909

Bemus Point Library, March, 1909

Brooklyn Public Library: Brownsville branch, December 19, 1908; Bushwick branch, December 16, 1909; Leonard branch, December 1, 1908

Fort Plain Free Library, May 1, 1909

Granville, Pember Library and Museum, March 2, 1909

Millbrook Free Library, December 3, 1908

New York Public Library: Hamilton Fish Park branch, February 26, 1909; Harlem Library branch, January 11, 1909; Morrisania branch, December 1, 1908; 115th St. branch, November 6, 1908; Columbus branch, September 24, 1909

Newark Valley, Tappan-Spaulling Memorial Library, December 12, 1908

Piermont Free Library, May 21, 1909

Port Henry, Sherman Free Library, November 9, 1908

Remsen, Didymus Thomas Library, March 29, 1909

Sherman, Minerva Free Library, February 13, 1909

TRAVELING LIBRARIES AND STUDY CLUBS

Number of volumes. The number of volumes September 30, 1909 was 92,387 distributed as follows:

Libraries for general reading in fixed collections.....	9 610
Subject libraries in fixed collections.....	388
General lending collection.....	82 389

During the year there were added 5449 volumes (of which 713

were used for fixed collections and the remainder for the general lending collection) and 1144 volumes were withdrawn. The books withdrawn were either worn beyond possible use or duplicates which could be used to better advantage by another section of the library.

Eleven juvenile libraries of 25 volumes each were given during the year by the home libraries of Albany.

Use. There were sent out in traveling libraries during the year, 45,511 books in response to 852 applications, as shown in the following table:

To whom lent	No. of libraries lent	No. of volume sent
1 Groups of taxpayers.....	28	2 503
2 Public libraries	63	4 926
3 Public schools	96	8 568
4 Study clubs	403	19 901
5 House libraries	166	1 687
6 Charitable institutions	19	1 852
7 Other organizations	77	6 074
	852	45 511

Taxpayers. The applications from groups of taxpayers have not appreciably increased, this method of borrowing still proving the least attractive. The marked tendency is to use an existing social, civic or religious organization rather than to form a new one. The work of the organizers and the cooperation of the Cornell College of Agriculture has so far resulted chiefly in increased loans to public libraries and granges.

Public libraries. Whenever possible local libraries are made the center for the use of books in a community. It seems highly probable that the best of these libraries can satisfactorily serve as such centers for wider areas — the county perhaps. The books now sent to libraries are for the use of study clubs, individual borrowers, or simply to increase the resources of the library, or to supplement a temporary lack of funds for book buying.

Public schools. Books are lent to schools for teacher and pupil. Pedagogy, psychology, history and methods of education are the subjects covered in collections sent to training classes and to local teachers clubs, in some cases to individual teachers as a house library.

The lending of books for pupils, especially in the rural elementary schools, has required the buying of many of the books listed in the Regents syllabus, and many copies of these to supply schools in different parts of the State. It is worth noting that many teachers who have found it impossible or difficult to raise the small sum of money needed to pay the fee on this supplementary reading have paid it personally, and have written warmly of the interest taken by the children in these collections of fresh books.

790 volumes were loaned to the Chautauqua Summer School, the majority chosen from lists submitted by the instructors.

Study clubs. The total number of clubs registered is 968, of which 68 have been added during the year. They are still the largest and most active borrowers. They consist not only of women's clubs, but of men's clubs, the Social Service Clubs under the direction of Dr Josiah Strong and clubs started or stimulated by various organizations for civic and religious study.

Less money has been spent in the purchase of books for clubs this year than for other borrowers. When lists of desired books have been sent in by the club, a report has been made on the number of these that were available with the statement that on account of shortness of funds only the most necessary books could be bought. Substitutes have been offered and in cases where only a few books were available, the size of the libraries has been reduced.

House library. This form of loan is steadily increasing in popularity. In the majority of cases the demand comes from students engaged in some definite line of work or reading.

Other organizations. Under this head are included the various loans which do not fall legitimately into any of the preceding classes. As a rule only books that are available are lent to this class of borrowers, though for granges and farmers' wives reading clubs books on agriculture and domestic science are bought whenever needed. Loans have been made to vacation schools, boys and girls clubs and to two summer camps for boys, one under the auspices of the Troy Young Men's Christian Association and the other under that of the Cathedral of Holy Names of Albany.

150 volumes as sample libraries were sent to the Syracuse Fair as a part of the exhibit of the Education Department. One juvenile library of 25 volumes was sent to a teachers institute with the same end in view. There is also a traveling library of books recommended for farmers' wives reading clubs lent to Cornell University.

Bibliographic work. In the selection of the books for the hundreds of traveling libraries sent out annually, an immense amount of reference or bibliographic work is necessary. Most of the study clubs send their programs for the year with a list of the books available in their local library or owned by their members. This division then selects from the books on its shelves or any others known to be in print and available for purchase, the best additional books to help in a profitable study of the program laid out. A club often requests a list of the best books on several subjects before it plans the year's work. Hundreds of different programs for study club work on dozens of subjects are kept on file and are in constant request. Many applicants for house libraries send a list of the subjects and leave the selection of the books to the division.

The bibliographic lists printed in the Hudson-Fulton and Champlain Centenary pamphlets issued by the Education Department were compiled in this division.

Title VII

THE STATE MUSEUM AND SCIENCE DIVISION

The inevitable disquietude consequent on preparations for removal of the scientific collections to the Education Building and the necessary displacement of some considerable portion of them to accommodate the demands of the Commissioner of Agriculture for increased room in the Geological Hall, has resulted in dispersing these collections into a number of separate buildings in the city of Albany. It is well to place on record the fact that at this date the collections of this division are distributed as follows:

1 Geological Hall. In this building only the collections in zoology, entomology and botany and a small portion of those in geology remain on exhibition.

2 State Hall. The rooms occupied by the Science Division here are stored chiefly with the collections in paleontology. None are on exhibition.

3 McCredie malthouse. This is a general storehouse for all the collections and equipment of the museum for which no other place can be found. It contains scientific materials pertaining to every branch of the work of the division.

4 Capitol. The corridors of the fourth floor contain a considerable part of the collections in archeology, all of which are on exhibition; also a few cases in mineralogy, paleontology and ceramics.

5 Universalist Church. This building is in use as a work-room and studio for the execution of the Indian exhibit and is also utilized for general storage of large specimens not easily accommodated elsewhere.

6 State Normal College. In the corridors of this building is placed one large group of black bears.

7 J. L. Verstrepen, Delaware street. Here is a series of large geological specimens which are being removed as opportunity affords.

8 Flint Granite Company, Cemetery Station. At this place, 3 miles north of Albany, is stored a large and unique rock slab weighing 23 tons.

To this record of eight widely separated localities is to be added the fact that there are in storage and under insurance awaiting transportation, whenever accommodations here permit, several large mounted groups of mammals (moose, buffalo and others) in charge of the Ward Natural Science Establishment at Rochester. This much divided and scattered condition, though profoundly embarrassing, must be regarded as making for progress and as unavoidable in preparing for the equipment of a new museum.

During the year past especial effort has been directed to the preparation of scientific material in such form as will help to make eventually an effective and instructive display of the natural resources of the State and of its early cultures. This work, however, has not as yet interfered with the progress of scientific investigations which have taken the direction indicated herewith.

GEOLOGY

Areal geology. The progress made in the execution of the geologic map of the State on a scale of 1 mile to the inch consists in the final survey in western New York of the Caledonia, Honeoye, Wayland and Phelps quadrangles and in the preliminary control of the Batavia, Attica and Depew quadrangles, with an extension of operations on the Albion, Medina and Lockport topographic sheets. In central New York the Sangerfield and Utica quadrangles were partially covered, and in the eastern part of the State a concerted effort has been made to solve the difficult problems within the area of Saratoga county, including especially those presented by the Saratoga mineral springs which are unparalleled in kind and important in their relation to the State. Further work has been done by the completion of the Elizabethtown and Port Henry quadrangles, the report on which is now printing. In southeastern New York the Poughkeepsie quadrangle has been partly resurveyed and,

in continued cooperation with the New York City Board of Water Supply, progress made on the solution of the obscure and, in large part, deeply buried geological conditions of the lower Hudson valley and its environs. This is a serious and very important undertaking, into the solution of which enter not only the data gathered by the Catskill aqueduct engineering but those obtained from the recent extensive tunnel developments in New York city.

Surficial geology. The study of problems presented by the surface deposits and the origin of the existing topography has involved the records left by the Mohawk glacial waters in their general relations from Lake Ontario to Coxsackie and in detail in the region covered by the Gloversville quadrangle.

Industrial geology. The preparation of a special report dealing with the gypsum deposits of the State is in progress. It is the aim to give these resources thorough consideration from both the scientific and commercial sides, as their importance demands. The utilization of the local deposits has grown remarkably in the last decade so that the industry is now one of the largest in the country. Field investigations indicate very extensive supplies of rock gypsum, sufficient to sustain production at an increasing rate for an indefinite period. While the material is not of the highest quality, it can be used successfully for most products for which there is an active demand. The report will contain large-scale maps showing the distribution of the deposits and details as to the geology, chemical character and other matters of interest.

Mineral statistics. The usual review of the mining and quarry industries of the State, embracing information of production, new discoveries, developments and other matters of interest along these lines, was published in July. The issue was the fifth of the annual series and pertained to the year 1908. The statistical information will be incorporated, also, in the annual report issued by the United States Geological Survey, according to a plan by which the work of securing and compiling the data was shared by the two offices. Under the plan of cooperation it was hoped to obtain greater uniformity in the published statistics and this object should, in some measure, be achieved. Though the review showed that the status of the mines and quarries in 1908 was less favorable than in the few years immediately preceding, the setback can not be considered

as reflecting any depletion of natural resources, but was due rather to a general lessening of business activity throughout the country.

Seismographic station. The seismographs in the State Museum were maintained in steady operation except for brief periods of interruption for necessary readjustments and repairs. A large number of individual disturbances were recorded, among them the earthquakes of southern Italy and of Mexico, which ranked with the most forceful and disastrous of modern times. Copies of many of the records were supplied for publication in the press and to scientific bodies in this country and abroad for use in their investigations. It is hoped that a regular exchange of data with other stations in the eastern United States may be put into effect during the coming year and by this means a better basis may be had for determining the probable sources of the disturbances which occur in remote or uninhabited localities.

PALEONTOLOGY

The year has seen the completion of a somewhat extended series of investigations on the Eurypterida, a group of extinct animals closely allied to the *Limulus* or horseshoe crab and to the scorpions. The fossiliferous rocks of New York carry these remarkable creatures in an abundance not elsewhere equaled and the very rich material in the collections has justified an exact study of their anatomy, development and mode of life. This work, it is thought, will constitute a contribution of distinctive value to the paleontology of New York. Progress has also been made on the study of the crinoids of the New York rocks, a group of which there has been heretofore little accurate information.

BOTANY

The past collecting season has been chiefly devoted to the investigation and study of our Crataegus and mycologic flora, but specimens in other branches of botany have also been acquired as opportunity was afforded. The number of species of which specimens have been procured for the herbarium has not yet been definitely ascertained, but it will probably not vary greatly from the number recorded for the previous year. Several species of flowering plants of recent introduction have been found growing spontaneously in our limits and have been contributed by correspondents. Five species of mushrooms, having been tried for their edible qualities and approved, have been added to our previous list. This brings the number of edible New York species up to 200.

ENTOMOLOGY

Thousands of young brown tail moth caterpillars in their winter nests were imported on shipments of nursery stock from France, and in midsummer a small colony of these caterpillars was discovered at Port Chester, N. Y. The thoroughgoing measures adopted in each instance have, it is thought, prevented this insect from becoming established in this State. Extended experiments conducted here in midwinter showed the futility of depending upon hydrocyanic acid gas for the destruction of the hibernating caterpillars. Large-scale experiments with the codling moth have resulted in securing extended data showing the material benefit accruing from even one thorough application of a poison. Shade trees continue to suffer from insect enemies, the elm leaf beetle and the sugar maple borer being the chief offenders. The snow-white linden moth was again injurious in the Catskills, while the hickory bark borer caused serious damage to the magnificent trees of Prospect park, Brooklyn.

Recent experiments with the house fly show that this insect will not invade moderately dark places, hence fly-breeding materials stored under such conditions are immune or nearly so, from egg deposition. The studies of gall midges have resulted in the rearing of over 50 new species, making a total in the collections, of about 800, some 350 having been reared. A popular bulletin on the control of household insects was issued in the spring and owing to the great demand for such information, is now practically out of print.

Several desirable models have been added to the insect exhibit and considerable progress made in the arrangement and classification of our large collections.

ZOOLOGY

The attention of this section has been largely given to the increase of the collection and its preparation for exhibition.

A group of black bear has been completed and is temporarily installed in the west building of the State Normal College; a group of mink and one of perch and sunfish have been completed; a group of moose has been secured and placed in storage. Material has also been secured for groups of Canada porcupine, black rats, white-footed mice, the wolf, puma, Canada lynx, fisher and several birds.

Several casts in wax have been made of the batrachians and are now on exhibition. The museum possesses the very valuable Gould type collection of Mollusca and extensive additional collections of New York shells. The growth of general interest in this important

group in the fauna of the State has justified the assembling of present knowledge of these Mollusca into the form of a memoir which is in course of preparation. In connection with the series of investigations thus initiated, particular attention is being paid to the economic importance of the fresh-water clams, the consumption of their shells in the pearl button industry and the occurrence of fresh-water pearls in the streams of the State. On this subject a special report will be rendered at the proper time.

Volume I of the memoir on the *Birds of New York*, previously announced, has been printed and will soon be ready for distribution.

ARCHEOLOGY

The attention of the archeologist has been largely given to preparing material and directing artists and sculptors in the preparation of paintings and life casts of Indians for the Myron H. Clark Iroquois Museum, which is to form a part of the anthropological exhibit of the State Museum in the Education Building. Casts of 18 Indians have been made from life and show the characteristic activities of the Iroquois in hunting, warfare and agriculture and food preparation. To obtain models for these casts several extended trips to the various Iroquois reservations have been necessary.

A good number of very interesting ethnological specimens have been acquired from the Indians, many of which are extremely rare or entirely unique. The special work in somatology has prevented any extensive field work in archeology, although some work in these lines has been carried on by the assistant in archeology in Orange county. Here an interesting village and burial site of the Minsis Indians has been excavated and a creditable number of relics acquired.

Especial attention has been given to the collection of articles used by the Indians in the preparation or manufacture of characteristic Indian artifacts. This year there has been acquired a series of objects used in the preparation and storage of foods, the making of baskets and the carving of masks.

A substantial advance has been made in the acquisition of facts and material relative to the various unknown phases of Iroquois life. Several important native documents and texts have been collected. The persistence with which the Indians cling to many features of their ancient culture is nothing less than remarkable.

For this reason the study of Iroquois cults, beliefs and traditions which still exercise an influence is both interesting and important.

PUBLICATIONS

A list of scientific publications issued during the year is given under another title. These are on a variety of topics covering the scientific activities of this division. They embrace 1420 pages, 142 plates and 24 maps. The labor of preparing this matter, verifying, editing and correcting is onerous and exacting and taken all together excellently indicates the activity and diligence of the staff.

Title VIII
JOURNAL OF THE BOARD OF REGENTS
OF THE
UNIVERSITY OF THE STATE OF NEW YORK
MEETING HELD AT THE EDUCATION DEPARTMENT IN THE
CAPITOL, ALBANY, SEPTEMBER 3, 1908

The Board of Regents of the University of the State of New York met at the Education Department, in the Capitol, Albany, at 10 a. m., September 3, 1908, pursuant to a call duly sent to each Regent as provided by law.

The meeting was called to order by Vice Chancellor McKelway. The following Regents were present: Vice Chancellor McKelway, Daniel Beach, Pliny T. Sexton, Albert Vander Veer, Edward Lauterbach and Lucian L. Shedden. The Commissioner of Education was also present.

The Commissioner of Education presented excuses for absence from Regents T. Guilford Smith, William Nottingham, Charles A. Gardiner and Eugene A. Philbin which were voted satisfactorily.

APPROVAL OF THE MINUTES OF THE LAST MEETING

The minutes of the meeting of June 23, 1908, were duly approved.

RULE 64 SUSPENDED

On motion of Regent Sexton,
Voted, That rule 64 be suspended during the session, in so far as it may affect any unanimous action of the board.

COMMUNICATION FROM THE COMMISSIONER OF EDUCATION

State of New York
Education Department
COMMISSIONER'S ROOM
Albany, September 3, 1908

To the Board of Regents:

I submit the following statements and suggestions concerning the business of the Department:

Assistant Commissioners

Dr Howard J. Rogers has tendered his resignation as First Assistant Commissioner of Education, in order to engage for the time being in business enterprises. Dr Rogers has held the position of First Assistant Commissioner of Education from the reorganization of the Department, and I very sincerely regret that circumstances have arisen which have led him to sever his relations with our work. There is no alternative, however, and I recommend that the resignation take effect October 1, 1908.

I nominate and with the approval of the Board of Regents will appoint Dr Augustus S. Downing — who has held the position of Third Assistant Commissioner from the reorganization of the Department — to the position of First Assistant Commissioner, made vacant by the resignation of Dr Rogers.

I nominate and with the approval of the Board of Regents will appoint Mr Thomas E. Finegan, now Chief of the Law Division, as Third Assistant Commissioner of Education.

Mr Finegan has been in the State educational service for 16 years. He is a graduate of the State Normal College and has received the honorary degree of A.M. from Hamilton College. Beginning as a teacher in his native county of Schoharie, he became a school commissioner in that county and was so efficient as to attract the attention of the educational people of the State and win a place in the Department of Public Instruction. In time he came to have charge of the teachers examinations and, upon the unification act going into effect, was made assistant to the Chief of the Examinations Division. In the meantime he had prosecuted legal studies and been admitted to the bar, and had written a book upon the school laws of the State which met with very general acceptance. Not long after the reorganization a vacancy occurred in the chiefship of the Law Division, and Mr Finegan was appointed to fill it. For practically four years he has filled this position with continually increasing efficiency and

acceptability. It is not too much to say that no one understands the philosophy and structure of the elementary school system better than he and it would doubtless be wholly within the fact to add that no one is as familiar with the details of our educational laws as he. He has become a substantial and respected citizen of Albany, and I feel confident that he may be given this important position in the Department with every promise of desirable results.

Division of Trades Schools

Chapter 263 of the laws of 1908 looks to the organization of a system of general industrial and trades schools, in connection with the public school system, on plans which have already been much discussed throughout the State and have met the approval of the Board of Regents. The act places the responsibility for organizing and supervising such schools upon the Department, and provides the necessary appropriation to meet the Department expenses in this connection.

I therefore recommend the organization of a Division of Trades Schools in the Department, and that such division be provided with a chief at a salary of \$3000 per year and a stenographer at a salary of \$900 per year.

I nominate, and ask your approval of the appointment of Mr Arthur D. Dean as chief of this division, the same to take effect as of September 1, 1908.

Mr Dean is already upon the ground and has commenced work. Mr Dean is 36 years of age. He was graduated from the Massachusetts Institute of Technology in 1895 with the degree of B.S. Since 1905 he has held the position as supervisor of industrial education in the Y. M. C. A. continuation schools of Massachusetts and Rhode Island, and for the past three summers he has been in charge of the department for the training of teachers for industrial education in the Cornell University Summer School. Previous to his present position he was engaged in public school work in elementary and secondary schools, teaching at various times shopwork, mathematics and science. He organized manual training in the grammar and high schools of Malden, Mass., was head of the shopwork in the Springfield, Mass., Technical High School, and taught shop mathematics and elementary electrical engineering in the Evening School of Trades. This was the first public evening school of trades in this country, and has served as an example for many other cities.

While in Springfield he was granted a leave of absence to accept a commission from the insular government of Porto Rico to investigate industrial conditions, with the view of establishing industrial and agricultural schools. The report led to the establishment of five such schools.

Mr Dean has contributed numerous articles on industrial education to trade publications, discussing such subjects as "Organization of Trade Schools," "Best Method of Teaching Industrial Workers in Evening Schools," "The Relation of Manual Training to Industrial Efficiency," "Machine Trades Schools," "Shoe Technical Schools," etc.

Mr Dean has been interested in all subjects relating to industrial education for many years and has been a leading advocate of industrial and trades schools, believing that they are necessary not only to the material welfare of our country, but also in line with the best educational progress in that they will assist in solving some serious social and industrial problems which are facing our people.

Appointments and promotions

Since the last meeting of the Board appointments and promotions have been made as follows:

Administration Division

Jessie E. Hart, *Junior clerk*, \$360 per annum

Marie A. Finegan, *Junior Clerk*, promoted from \$360 to \$480 per annum

Inspections Division

George M. Wiley, *Inspector*, \$2500 per annum, to fill vacancy caused by transfer of Alfred W. Abrams to Examinations Division

State Library

Linn R. Blanchard, *Library assistant*, \$600 per annum

Lucy E. Fay, *Library assistant*, \$600 per annum

Library School

Frank K. Walter, *Vice Director*, transferred from State Library, with promotion from \$2100 to \$2500 to take effect October 1st

Julia E. Boyle, *Clerk*, promoted from \$480 to \$600 per annum

Division of Educational Extension

Elizabeth S. Taber, *Junior clerk*, \$480 per annum.

Science Division

Henry Leighton, *Assistant in economic geology*, \$1200 per annum

Division of Trades Schools

Bertha G. Frost, *Stenographer*, transferred from Administration Division, \$900 per annum

Division of Visual Instruction

Joseph A. McGraw, *Clerk*, promoted from \$600 to \$720 per annum

Mary E. Fairchild, *Clerk*, promoted from \$480 to \$600 per annum

Lecturer at Farmers Institutes

Alden J. Merrell, *Lecturer at farmers institutes*, \$2500 per annum, to fill vacancy caused by resignation of Samuel J. Preston, to take effect October 1st

Education Building.

The contract for the erection of the Education Building was let by the Trustees of Public Buildings to the R. T. Ford Company of Rochester in the early part of July. The contract price was \$3,022,282.

The figures in the competition were lower than had been anticipated, with the result that it has not been necessary to eliminate any features of the building included in the plans and specifications of the architect.

Work upon the building was actually commenced on July 29, 1908. The excavation is proceeding with much dispatch. It is expected that the laying of concrete will begin next week, and I am told that some of the iron is to be delivered inside of two weeks.

Bronze bust of Gideon Hawley

When I was first chosen State Superintendent of Public Instruction and looked over the effects of the office, I found in the lumber room a plaster cast of Gideon Hawley, who was the first State Superintendent of Common Schools in this State, and was likewise the first in the United States. He was appointed upon the creation of the office in 1812 and served until 1820, when the rapacity of the patronage hunters turned him out and put a mere place holder in his stead. It is rather interesting to recall that the indignation of the people, which was aroused by his removal, was sufficient to force

the Legislature to abolish the office as a separate office, and devolve the duties thereof upon the Secretary of State.

Gideon Hawley was secretary of the Board of Regents from 1814 to 1841, and he was a Regent of the University from 1842 until his death, July 17, 1870.

The bust which I discovered in such serious neglect and danger of destruction proved upon proper treatment to be a very good one. Later it was bronzed, and this was so well done as to make its really fragile character almost above detection. However, I have always expected that it would meet with an accident, and have lately caused the plaster cast to be reproduced in bronze, so as to make certain of the permanent preservation of the features of one who is entitled to our most grateful memories for the distinguished educational service which he rendered to the State in the years when the State educational system was in the formative period. This bust, together with an oil portrait which we have, serves to accomplish this end very satisfactorily.

Registration of colleges and professional schools

I recommend that the following colleges and professional schools be registered as meeting Regents Revised Rules, chapter 10:

Baccalaureate and medical courses

Name of institution	Location	President	Degrees
Bowdoin College.....	Brunswick, Me...	William DeW. Hyde.	Arts and medicine

College allowance for the study of law

Name of institution	Location	President	Degrees registered.
Iowa State College.....	Ames, Ia.....	Albert B. Storms...	B.S., M.E., C.E., E.E., M.I.E.
Washington College.....	Chestertown, Md	James W. Cain.....	B.A. (C.L.)
Central College.....	Fayette, Mo....	William A. Webb...	B.A., B.S.
Franklin College.....	New Athens, O.	Newton B. Kelley..	B.A., B.S., Ph.B.
Franklin & Marshall Coll.	Lancaster, Pa....	John S. Stahr.....	B.A., Ph.B.

School of veterinary medicine

Name of institution	Location	Dean
Vet. Div. Iowa State Coll...	Ames, Ia.....	John H. McNeil

Training schools for nurses

Name of institution	Location	Superintendent
Farrand Training School...	Detroit, Mich.....	M. H. Krueger, <i>Prin.</i>
Ogdensburg City Hospital..	Ogdensburg, N. Y.....	Josephine Callahan
Schenectady Hospital Ass'n.	Schenectady, N. Y.....	Grace L. Anderson

Rescinding of registration of professional schools

I recommend that the registration of the following institutions be rescinded:

School of medicine

Name of institution	Location	Dean
Med. Dep't, Northwestern U.	Chicago, Ill.....	A. R. Edwards

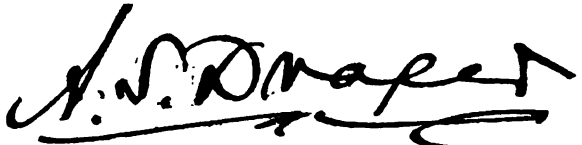
Mem. Page 131, Annual Catalogue 1907-8, states "He may complete the requirements for both degrees in six years, three in college and three in the medical school."

School of dentistry

Name of institution	Location	Dean
Kansas City Dental College.	Kansas City, Mo.....	J. D. Patterson

Mem. A communication from the president dated July 6, 1908, states "The filled blank I sent you May 7 for the purpose of having the Kansas City Dental College registered as fulfilling the statutory requirements for registration was made under a misapprehension in one particular, viz, the preliminary requirements. . . . The rule adopted last year only asked the completion of a three year high school course."

Respectfully submitted



Commissioner of Education

The Regents unanimously took the following action upon the communication of the Commissioner of Education and upon the recommendations made therein:

First:

On motion of Regent Shedden,

Voted, That the resignation of Dr Howard J. Rogers, First Assistant Commissioner of Education, be accepted to take effect October 1, 1908.

Second:

On motion of Regent Shedden,

Voted, That the appointments of Dr Augustus S. Downing as First Assistant Commissioner of Education and Mr Thomas E. Finegan as Third Assistant Commissioner of Education be approved, as proposed by the Commissioner of Education, at the salaries heretofore fixed for the positions.

Third:

On motion of Regent Sexton,

Voted, That the Board unite with the Commissioner of Education in creating the Division of Trades Schools in the Department and fixing the position of chief at a salary of \$3000 per annum and of stenographer at \$900 per annum and that the Board approve the appointment of Mr Arthur D. Dean as Chief of the Division of Trades Schools at the salary above named.

Fourth:

On motion of Regent Sexton,

Voted, That the other appointments and the promotions reported by the Commissioner of Education, be approved, and that the Board unite with him and with the heads of divisions in making such appointments and promotions and fixing the salaries as proposed.

Fifth:

On motion of Regent Lauterbach,

Voted, That the institutions named in the list submitted by the Commissioner of Education be registered as maintaining required, approved and proper standards.

Sixth:

On motion of Regent Lauterbach,

Voted, That the registration of the institutions be rescinded as recommended by the Commissioner of Education.

REPORT OF CHARTER COMMITTEE

Regent Sexton, as chairman of the charter committee, presented its report and recommendation, upon which the following action was taken:

Limited charter granted

Putnam County Historical Society. *Voted,* That a limited charter be granted incorporating A. Augustus Healy, Gouverneur Paulding, William Henry Haldane, Robert Floyd-Jones and William Wood, and their associates and successors, as a historical society, under the corporate name of Putnam County Historical Society, to be located at Cold Spring, in Putnam county, N. Y., with five

trustees to be at first the persons named as incorporators, to hold in the order of their naming for, respectively, one, two, three, four, and five years, and their successors to hold for terms of five years, to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it or its trustees by its authority shall by general rules provide.

Rechartering

School of Domestic Art and Science. The association located in the City of New York, known as the School of Domestic Art and Science, which filed a certificate for its incorporation in the office of the Secretary of State on June 1, 1906, having by its trustees duly applied to the Regents for rechartering as a University institution, the Regents at their meeting June 23, 1908, directed that 30 days' notice be given to the trustees of the said association of a hearing, at the present meeting of the Board of Regents, of any objections to the proposed rechartering, which notice it appears was duly given, as also notice to the Regents in the call for their meeting that action would at this time be taken upon such proposed rechartering. No objections thereto having been made at this meeting, and it appearing to the satisfaction of the Regents that the desired new charter should be issued, on recommendation of the charter committee it was

Voted, That, upon the application for its rechartering, as a University institution, by the association known as the School of Domestic Art and Science, of the City of New York, which filed a certificate for its incorporation in the office of the Secretary of State on June 1, 1906, a new charter be granted and issued to the said association to take the place in all respects of that under which it has been operating and to give and continue corporate existence thereto, as a University institution, with its present membership, organization and management, and with power to increase or decrease the number of members of the corporation in such manner and upon such terms as it or its trustees by its authority shall by general rules provide.

Academy dropped

It appearing that the Board of Education of Easton Union School has discontinued providing suitable academic instruction therein, it was

Voted, That the academic department of Easton Union School be dropped from the University roll.

Academy dissolved and dropped

Staten Island Academy. The stockholders of Staten Island Academy, which was incorporated by the Regents, January 7, 1885, with a capital stock, having taken steps to dissolve the corporation under the provisions of chapter 25 of the laws of 1889, and its trustees having filed in the office of the Commissioner of Education, as the Secretary of the Board of Regents of the University, the required certificate of this action of the stockholders, together with a copy of the published notice of the meeting at which such action was taken, and due proof of the publication thereof; and the regularity of the proceedings being approved by the charter committee, upon its recommendation, it was

Voted, That the charter of the said corporation shall be deemed to be surrendered and the said corporation dissolved, and that it be dropped from the roll of University institutions.

Registration of law school

New York Law School. *Voted,* That, in compliance with its request, the New York Law School be registered as maintaining the law school standards required by the rules of the Court of Appeals of the State of New York in relation to admission of attorneys and counselors at law.

REPORT OF THE FINANCE COMMITTEE

Regent Beach as chairman of the finance committee presented the following letter and certificate relating to the books, accounts, deposits etc. of the Department up to and including September 2, 1908.

National Commercial Bank

Albany, N. Y., September 2, 1908.

Hon. Andrew S. Draper

Commissioner of Education

Albany, N. Y.

DEAR SIR: We beg to advise you that the balance on our books at the close of business September 2, 1908, to the credit of the New York State Education Department, was \$10,899.64.

Yours very truly

[Signed] W. W. BATCHELDER,
Asst. Cashier.

STATE OF NEW YORK }
COUNTY OF ALBANY } ss.

James A. Wendell, being duly sworn, deposes and says that he is the Assistant Warrant Clerk in the office of the State Comptroller

at Albany, N. Y.; that pursuant to the request of the Commissioner of Education of the State of New York he has made an examination of certain accounts in the Cashier's office of the Department of Education to and including September 2, 1908; that such examinations have consisted of a comparison of the receipts from fees and miscellaneous sources as shown in the petty cashbook with the book of original entry, a comparison of the deposits with the account of the National Commercial Bank, a verification of all footings affecting the petty cash receipts and disbursements, and a verification of the cash purporting to be on hand at the date of such examination; that he has found the books to be correct and the correct amount of cash on hand in the office, and the deposits to have been made with the National Commercial Bank as indicated by the office accounts.

Furthermore, he deposes and says that he has made a personal examination of all vouchers and pay rolls filed in the office of the State Comptroller for payments made during the said period ending September 2, 1908, from the appropriations for the Department of Education, and finds that such vouchers are all properly itemized and receipted and are for expenditures duly authorized by law.

[Signed] JAMES A. WENDELL

Subscribed and sworn to before
me this 2nd day of September, 1908.

[Signed] FRED'K H. DUEL
Notary Public

CONFIRMATION OF RULES

On motion of Regent Sexton,
Voted, That the Regents Revised Rules, as renumbered, rearranged to some extent, and reprinted since the last meeting of this Board, be confirmed and readopted in their present printed form as the rules now in force.

MINUTES OF THE BOARD

On motion of Regent Sexton,
Voted, That the Commissioner of Education be requested to have printed for the use of the Board of Regents, and otherwise, a suitable number, in his judgment, of copies of the early minutes of the Board not heretofore printed, or the printed editions of which are now nearly exhausted.

BOARD OF EXAMINERS IN OPTOMETRY

The Commissioner of Education reported that at the last meeting of the Board appointments were made upon the Board of Examiners

in Optometry, but the term of each member of said board was not fixed. Thereupon, on motion of Regent Beach, it was

Voted, That the term of each member of the Board of Examiners in Optometry, be allotted as follows:

Frank B. Marchant and Herbert C. Watts, one year from July 1, 1908; George R. Fox and Charles F. Prentice, two years from July 1, 1908; W. W. Bissell, three years from July 1, 1908.

BOARD OF MEDICAL EXAMINERS

The Commissioner of Education presented a report upon the organization and efficiency of the Board of Medical Examiners.

On motion of Regent Lauterbach, it was

Voted, That the report be referred to the committee on higher education for consideration and future report.

Hygiene and sanitation

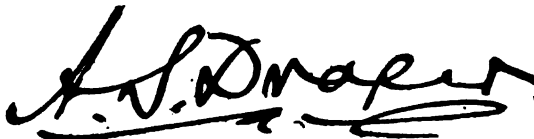
At the meeting of the Board on May 15, 1908, the question presented by the Commissioner of Education concerning hygiene and sanitation in medical courses was referred to the committee on higher education for consideration and future report. Upon the report and recommendation of Regent Vander Veer, chairman of the committee, it was

Voted, That, as the medical law does not require an applicant to take the partial examination at the end of his second year, but merely permits it, and as the statute further provides that a candidate taking the partial examination must take all subjects specified, viz, anatomy, physiology, hygiene and sanitation, and chemistry, the time in the medical course at which the subject of hygiene and sanitation shall be pursued, remain optional with the medical colleges.

Thereupon, on motion, the Board adjourned to meet at the Education Department on Thursday, October 22, 1908, at 10 a. m.

The foregoing minutes of the meeting of the Board of Regents, held September 3, 1908, were duly approved and confirmed at a meeting of said Board held October 22, 1908.

Attest



Commissioner of Education

**MEETING HELD AT THE EDUCATION DEPARTMENT IN
THE CAPITOL, ALBANY, OCTOBER 22, 1908**

The Board of Regents of the University of the State of New York met at the Education Department, in the Capitol, Albany, at 10 a. m., October 22, 1908, pursuant to a call duly sent to each Regent as provided by law.

The meeting was called to order by Vice Chancellor McKelway. The following Regents were present: Vice Chancellor McKelway, Daniel Beach, Pliny T. Sexton, William Nottingham, Charles A. Gardiner, Albert Vander Veer, Eugene A. Philbin, Lucian L. Shedden. The Commissioner of Education was also present.

The Commissioner of Education presented excuses for absence from Regents T. Guilford Smith and Edward Lauterbach which were voted satisfactory.

APPROVAL OF THE MINUTES OF THE LAST MEETING

The minutes of the meeting of September 3, 1908, were duly approved.

RULE 64 SUSPENDED

On motion of Regent Sexton,
Voted, That rule 64 be suspended during the session, in so far as it may affect any unanimous action of the Board.

COMMUNICATION FROM THE COMMISSIONER OF EDUCATION

State of New York
Education Department
COMMISSIONER'S ROOM
Albany, October 22, 1908

To the Board of Regents:

I submit the following statements and suggestions concerning the business of the Department:

Appointments and promotions

Since the last meeting of the Board appointments, promotions and transfers have been made as follows:

Commissioner's Office

Minnie L. Vanderzee, *Stenographer*, transferred from office of First Assistant Commissioner to office of Third Assistant Commissioner without change of salary.

Kathryn Chamberlain, *Stenographer*, transferred from office of Third Assistant Commissioner to office of First Assistant Commissioner without change of salary

Wayne Willmarth, *Messenger*, office of Third Assistant Commissioner, \$600 per annum

William L. Johnson, *Messenger*, office of First Assistant Commissioner, promoted from \$480 to \$600 per annum

Administration Division

E. Louise Gibb, *Stenographer*, transferred from Compulsory Attendance Division without change of salary

Compulsory Attendance Division

Grace Dorn, *Stenographer*, \$1000 per annum

Edna M. Hurley, *Junior clerk*, \$360 per annum

Examinations Division

Horace L. Field, *Examiner in science*, \$1200 per annum

May E. Cregan, *Stenographer*, promoted from \$600 to \$720 per annum

Helen V. Lewis, *Stenographer*, \$600 per annum

Elizabeth C. Kemmy, *Junior clerk*, \$480 per annum

Mabel E. Filkins, *Junior clerk*, \$480 per annum

Margaret M. Stewart, *Junior clerk*, \$480 per annum

Agnes O'Keefe, *Junior clerk*, promoted from \$360 to \$480 per annum

Law Division

Frank B. Gilbert, *Chief*, \$3500 per annum

State Library

May C. Nerney, *Head of order section*, promoted from \$1200 to \$1500 per annum

Clarence B. Lester, *Legislative reference librarian*, \$1500 per annum

Peter Nelson, *Library assistant*, promoted from \$900 to \$1100 per annum

Harriet A. Chapman, *Stenographer*, promoted from \$1000 to \$1100 per annum

Ruth Kemper, *Clerk*, promoted from \$720 to \$900 per annum

Arthur J. Smith, *Law Library assistant*, promoted from \$600 to \$720 per annum

Sarah Clerk, *Clerk*, promoted from \$600 to \$720 per annum

Charles F. Porter, *Law Library assistant*, \$600 per annum

Ethel B. Roberts, *Library assistant*, \$600 per annum

Edna B. Keyes, *Clerk*, promoted from \$480 to \$600
 Ada E. Hinkelman, *Junior clerk*, \$480 per annum
 Elizabeth Steer, *Junior clerk*, \$480 per annum
 Catherine M. Smith, *Junior clerk*, \$480 per annum
 Emma H. Kelly, *Junior clerk*, promoted from \$360 to \$480 per
 annum
 Janet Wilson, *Junior clerk*, promoted from \$360 to \$480 per
 annum

Library School

Isabella K. Rhodes, *Library assistant*, \$600 per annum

Division of Educational Extension

Agnes E. Flinn, *Clerk*, promoted from \$600 to \$720 per annum
 Harriet C. Chapman, *Clerk*, promoted from \$480 to \$600 per
 annum
 Ethel O. Hulburd, *Junior clerk*, \$480 per annum
 James H. McEntee, *Page*, \$360 per annum

Statistics Division

Hiram C. Case, *Chief*, promoted from \$2750 to \$3000 per annum

Division of Visual Instruction

Gladys D. Craver, *Junior clerk*, \$480 per annum
 E. May Greenman, *Art assistant*, promoted from \$900 to \$1200
 per annum

Teachers Institutes

Helen Webster, *Special instructor in English*, transferred from
 Examinations Division with promotion from \$900 to \$1200
 per annum

Appointments to State Examinations Board

The terms of Pres. John H. Finley, College of the City of New
 York, Sup't Frank D. Boynton, of Ithaca, and Sup't Charles E.
 Gorton, of Yonkers, in the State Examinations Board, expire at
 this time.

When President Finley was appointed, it was on the basis of
 understandings concerning the use of the State examinations system
 in the secondary school department of the institution over which
 he presides, which have not been realized. He has tendered his
 resignation as a member of the board. I am therefore disposed to
 hold the renewal of his appointment, or the making of another ap-
 pointment in his place, in abeyance for a little time. I recommend

the reappointment of Superintendent Boynton and of Superintendent Gorton.

Under the rules, the three Assistant Commissioners of Education are *ex officio* members of this board. The Second Assistant Commissioner, Dr Rollins, was a member of the board before he was appointed to his present position, which was vacated by Dr Edward J. Goodwin. I am therefore led to recommend that Dr Goodwin be appointed to the position in the board which may be deemed to have been vacated by reason of Dr Rollins becoming an Assistant Commissioner.

Candidates from other states for medical examinations

We have entered into reciprocal relations with several states concerning admissions to medical practice. The statute provides that we may admit to our medical examinations candidates from the states with which we hold such reciprocal relations, who have had five years of reputable medical practice. Now, the question frequently arises as to whether the five years of reputable practice must have been wholly subsequent to admission to the licensing examination in the other state, or whether a part or all of it may have been prior thereto.

I recommend that the Department, in its discretion, admit to our medical examinations candidates who have received the M.D. degree from an approved medical college, and who have engaged in five years of authorized and reputable medical practice, without reference to our preliminary examinations.

Rules of the State Board of Medical Examiners and of the State Board of Examiners in Optometry

The statute provides, in each case, that the State Board of Medical Examiners and the State Board of Examiners in Optometry shall, subject to the approval of the Regents, make such rules and regulations not inconsistent with the law as may be necessary for the proper performance of their duties. Each of these boards has adopted a set of rules, which I herewith transmit. Each has the recommendation of the First Assistant Commissioner. I have gone over them myself, and, while they are not exactly as I would have drawn them, I see no strong objections to any of the provisions. However, I recommend that they be referred to the committee on higher education, to go over them and report at a future meeting.

Registration of institutions

I recommend that the following institutions be duly registered:

Baccalaureate and medical courses

Name of institution	Location	President	Degree
University of Penn.....	Philadelphia, Pa..	Charles C. Harrison	Arts and medicine

Training school for nurses

Name of institution	Location	Secretary
The Hospital of the Protestant Episcopal Church of Philadelphia	Philadelphia, Pa.....	Ewing L. Miller

Appointments to State Board of Nurse Examiners

I transmit a communication from the State Nurses Association, recommending four names chosen by that association, from which two are to be selected by the Board of Regents to fill existing vacancies in the State Board of Nurse Examiners, and I recommend appointments as follows, from the names submitted:

Miss Lina Lightbourn, of Syracuse, to fill vacancy caused by the death of L. Bissell Sanford.

Miss Jane E. Hitchcock, of New York city, to succeed herself.

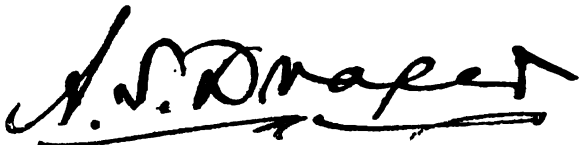
Nurse Training School Council

I recommend, for appointment to the Nurse Training School Council:

Miss Nancy E. Cadmus R.N., of the S. R. Smith Infirmary, Staten Island, to fill the unexpired term of Mrs E. M. Simpson R.N., resigned.

Miss Annie W. Goodrich R.N., general superintendent Bellevue and Allied Training Schools, New York city, to succeed herself.

Respectfully submitted



Commissioner of Education

The Regents unanimously took the following action upon the communication of the Commissioner of Education and upon the recommendations made therein :

First:

On motion of Regent Sexton,

Voted, That the appointment of Mr Frank B. Gilbert as Chief of the Law Division at a salary of \$3500 per annum, and the promotion of Mr Hiram C. Case, Chief of the Statistics Division, from \$2750 to \$3000 per annum, be approved.

Second:

On motion of Regent Sexton,

Voted, That the other appointments and promotions reported by the Commissioner of Education, be approved, and that the Board unite with him and with the heads of divisions in making such appointments and promotions and fixing the salaries as proposed.

Third:

On motion of Regent Beach,

Voted, That Sup't Frank D. Boynton, of Ithaca, and Sup't Charles E. Gorton, of Yonkers, be reappointed for terms of five years upon the State Examinations Board, and that Dr Edward J. Goodwin, president of Packer Institute, be appointed to fill the unexpired term upon the said board of Dr Frank Rollins who, as Second Assistant Commissioner of Education, is an ex officio member of the board.

Fourth:

On motion of Regent Philbin,

Voted, That the recommendation of the Commissioner of Education concerning the admission of candidates to medical examinations be referred to the committee on higher education for consideration and future report.

Fifth:

On motion of Regent Beach,

Voted, That the rules of the State Board of Medical Examiners and of the State Board of Examiners in Optometry, submitted by the Commissioner of Education, be referred to the committee on higher education for consideration and future report.

Sixth:

On motion of Regent Shedden,

Voted, That the institutions named in the list submitted by the Commissioner of Education be registered as maintaining approved and proper standards.

Seventh:

On motion of Regent Vander Veer,

Voted, That Miss Lina Lightbourn, of Syracuse, be appointed upon the State Board of Nurse Examiners, to fill the vacancy caused by the death of L. Bissell Sanford; and that Miss Jane E. Hitchcock, of New York city, be reappointed upon said board for a full term of five years.

Eighth:

On motion of Regent Vander Veer,

Voted, That Miss Nancy E. Cadmus, of New York city, be appointed upon the Nurse Training School Council to fill the unexpired term of Mrs E. M. Simpson; and that Miss Annie W. Goodrich be reappointed upon said council for a full term of five years.

REPORT OF CHARTER COMMITTEE

Regent Sexton, as chairman of the charter committee, presented its report and recommendations, upon which the following action was taken :

Charters granted

Training School for Nurses of Buffalo German Deaconess Hospital. *Voted*, That, upon application of F. Friedrich, Theodore Munzert, Theodore Metz, Edward J. Eisele, P. C. Braunschweig, C. G. Haas, Mrs Philip Beeker, Theodore Speyser, Mrs J. Hofheinz, A. E. Dahlmann and Mrs C. A. Hennicke, a charter be granted incorporating them and their associates and successors as a training school for nurses under the corporate name of Training School for Nurses of Buffalo German Deaconess Hospital to be located at Buffalo, N. Y., with 11 trustees to be at first the persons named as incorporators to hold in the order of their naming for respectively one, two, three, four, five, six, seven, eight, nine, ten and eleven years, and their successors to hold for terms of 11 years, to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide.

Batavia Training School for Nurses of the Woman's Hospital Association of Batavia. *Voted*, That, upon application of Alice G. Fisher, Adelaide Kenney Richmond, Clara S. Collins, Harriet G. H. Wood and Jane H. Burkhart, a charter be granted incorporating them and their associates and successors as a training school for nurses under the corporate name of Batavia Training

School for Nurses of the Woman's Hospital Association of Batavia, N. Y., with five trustees to be at first the persons named as incorporators to hold in the order of their naming for respectively one, two, three, four and five years, and their successors to hold for terms of five years, to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide.

Provisional charters granted

Pike Library. *Voted,* That, upon application of Alice B. Robinson, Henry C. Lathrop, Alson N. Peckham, Wallace J. French and Celestia E. Skiff, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of Pike Library to be located at Pike, N. Y., with five trustees to be at first the persons named as incorporators to hold, in the order of their naming for respectively one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Dickinson-Hurst School. *Voted,* That, upon the application of Rose B. Dickinson, Alma E. Hurst, Annie Mann Hurst, Bessie Dickinson and W. H. Horton, a provisional charter be granted incorporating them and their associates and successors as an academy under the corporate name of Dickinson-Hurst School, to be located at Syracuse, N. Y., with five trustees, to be at first the named incorporators to hold until their successors, who may be salaried employees of the corporation, shall be chosen by its shareholders at such time or times as their bylaws shall provide; the corporation to be entitled to have a capital of \$10,000 which may be issued in shares of \$100 each, of which such proportion may be common and preferred stock and be issued upon such terms as the trustees shall determine; and that this provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$5000 of resources and equipment suit-

able for its chartered purposes and be maintaining, to the satisfaction of the Regents, a school of approved academic grade.

Travis Preparatory School. *Voted,* That, upon the application of A. Lincoln Travis, Leonard T. Haight, Thomas W. Dixson, Claude Bonsted and Henry Phillips, a provisional charter be granted incorporating them and their associates and successors as an academy under the corporate name of Travis Preparatory School, to be located at Syracuse, N. Y., with five trustees, to be at first the named incorporators to hold until their successors, who may be salaried employees of the corporation, shall be chosen by its shareholders at such time or times as their bylaws shall provide; the corporation to be entitled to have a capital of \$10,000 which may be issued in shares of \$100 each, of which such proportion may be common and preferred stock and be issued upon such terms as the trustees shall determine; and that this provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$5000 of resources and equipment suitable for its chartered purposes and be maintaining, to the satisfaction of the Regents, a school of approved academic grade.

Academies admitted

Voted, That the following institutions be admitted to the University as schools of academic grade:

The academic department of union free school district no. 21 of the town of Middleton, Delaware co., to be known as Griffin-Fleischmanns Union School;

And the St Clara's Academic School, unincorporated, located at East Aurora, Erie co.

Change of academic name

Callicoon Union School. *Voted,* That in compliance with the request of the board of education of union free school district no. 1 of the town of Delaware, Sullivan co., the name of the academic department of its union school be changed from that of Callicoon Depot Union School to Callicoon Union School.

Permission to use word "University" in society name

Society of Columbia Architects. *Voted,* That, upon application in its behalf, the organization known as the "Society of Columbia Architects," be granted permission to use the word "University" as a part of the society's name, the organization hereafter

to be known as the "Society of Columbia University Architects" and that a written instrument embodying this record of the granting of such permission be executed by and in behalf of the Regents of the University, under their seal, and attested by the signatures of the Chancellor, or Vice Chancellor, and the Commissioner of Education, and transmitted to the said society.

Registration of library

Voted, That in compliance with the request of its trustees the Minerva Free Library at Sherman, which has been found on official inspection to be meeting the requirements of the Regents, be registered as maintaining a proper standard.

Special grant to library

Voted, That a grant of \$100 be made to the Pike Library, provided an equal amount shall be raised by November 1, 1908, from other sources, and that the purposes for which the money will be used receive the approval of the Commissioner of Education.

Return of property bought with State funds

Bridgehampton Literary and Commercial Institute. The Bridgehampton Literary and Commercial Institute having been dissolved and its educational operations discontinued, and it appearing that there are among its assets in the hands of its trustees apparatus, books etc., which were furnished by the State or bought with money apportioned from State funds and subject to return to the Regents, as provided in section 26 of the University law, it was

Voted, That the Commissioner of Education be requested to have an accounting and settlement, proper in his judgment, with the trustees of the said institute for its liability to the University in the premises, under the University law and Regents rule 37, and that, in his discretion, he may accept toward the discharge of such liability, in whole or in part, the transfer of such of the mentioned property to the Bridgehampton Union School as it shall be willing to accept and become responsible for.

Conditional gift for library purposes

Minerva Free Library in town of Sherman. It having been duly made known to the Regents of the University that Oliver W. Norton, by a written proposition dated April 15, 1908, had offered to give to the Minerva Free Library, in the town of Sherman, in

Chautauqua county, N. Y., a building suitable for its library purposes, upon the condition among others, that the said town of Sherman should provide by taxation not less than five hundred dollars annually for the maintenance of such library; and it appearing by the certificate of June 17, 1908, of S. H. Skinner, clerk of the said town, that at a special election held therein on May 19, 1908, the electors thereof voted upon and by a majority vote adopted the following propositions, viz:

1 Shall the town of Sherman accept the proposition of Oliver W. Norton to donate a building to the Minerva Free Library?

2 Shall the town of Sherman annually appropriate the sum of \$500 to be raised upon the taxable property of the town, to be used in the care and maintenance of a free public library in the town of Sherman to be known as the Minerva Free Library and to be located in the village of Sherman in compliance with the proposition of said Oliver W. Norton?

And the conditions of the foregoing stated gift and vote of acceptance having been duly considered by the Regents, upon the recommendation of their charter committee it was

Voted, That the Regents of the University approve the acceptance by the town of Sherman of the aforesaid conditional gift from Oliver W. Norton, as authorized by the electors of the said town at the said special town meeting on May 19, 1908, and that an instrument embodying this record of their approval be executed by and in behalf of this Board of Regents under their seal and attested by the official signatures of the Chancellor, or Vice Chancellor, and of the Commissioner of Education, and be recorded in the University's book of charters.

SUMMARY OF INSTITUTIONS CHARTERED AND ADMITTED

NAME	Post office	Grade	VALUE OF						Total property	Debts	Net property	Vol-umes in library
			Grounds	Build-ings	Furni-ture	Appa-ratus	Li-brary	Other property				
<i>Charters granted</i>												
Training Sch. for Nurses of Buffalo	Buffalo		\$20 000	\$60 000	\$6 500	\$1 700			\$8 078 79	\$20 000	\$76 278 79	
Falo German Deaconess Hosp.												
Batavia Training Sch. for Nurses of the Woman's Hosp. Ass'n of Batavia	Batavia		20 446.88						43 938 16		64 385 04	
<i>Provisional charters granted</i>												
Pike Library	Pike			3 000	125						1 338	580
Dickinson-Hurst School	Syracuse		3 000	2 000	800	300		\$25		5 000	1 150	
Travis Preparatory School	Syracuse	Acad.		20 000				500			21 600	
<i>Academies admitted</i>												
Griffin-Corners Union Sch.	Griffin Corners	Junior	3 500	5 700	650	100		150			9 450	
St Clara's Academic School	East Aurora	Jr. acad.	1 200	11 500		100		400			13 850	

a Includes buildings, furniture and apparatus.

b Includes grounds rented.

c Also good public library.

d An indebtedness of \$7000 against combined property of church, rectory and academy.

REPORT OF THE FINANCE COMMITTEE

Regent Beach as chairman of the finance committee presented the following letter and certificate relating to the books, accounts, deposits etc. of the Department up to and including October 21, 1908:

National Commercial Bank

Albany, N. Y., October 21, 1908

Dr Andrew S. Draper

Commissioner of Education

Capitol, Albany, N. Y.

DEAR SIR: We beg to advise you that the balance on our books at the close of business October 21, 1908, to the credit of the New York State Education Department, was \$22,334.20.

Yours very truly

W. W. BATCHELDER, *Asst. Cashier*

STATE OF NEW YORK }
COUNTY OF ALBANY } ss.

James A. Wendell, being duly sworn, deposes and says that he is the Assistant Warrant Clerk in the office of the State Comptroller at Albany, N. Y.; that pursuant to the request of the Commissioner of Education of the State of New York he has made an examination of certain accounts in the Cashier's office of the Department of Education to and including October 21, 1908; that such examinations have consisted of a comparison of the receipts from fees and miscellaneous sources as shown in the petty cash-book with the book of original entry, a comparison of the deposits with the account of the National Commercial Bank, a verification of all footings affecting the petty cash receipts and disbursements, and a verification of the cash purporting to be on hand at the date of such examination; that he has found the books to be correct and the correct amount of cash on hand in the office, and the deposits to have been made with the National Commercial Bank as indicated by the office accounts.

Furthermore, he deposes and says that he has made a personal examination of all vouchers and pay rolls filed in the office of the State Comptroller for payments made during the said period ending October 21, 1908, from the appropriations for the Department of

Education, and finds that such vouchers are all properly itemized and received and are for expenditures duly authorized by law.

JAMES A. WENDELL

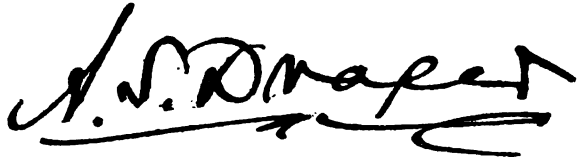
Subscribed and sworn to before
me this 22d day of October, 1908.

GEORGE R. KEHOE, *Notary Public*

Thereupon on motion the Board adjourned.

The foregoing minutes of the meeting of the Board of Regents, held October 22, 1908, were duly approved and confirmed at a meeting of said Board held December 10, 1908.

Attest



Commissioner of Education

**MEETING HELD AT THE EDUCATION DEPARTMENT IN
THE CAPITOL, ALBANY, DECEMBER 10, 1908**

The Board of Regents of the University of the State of New York met at the Education Department in the Capitol, Albany, at 10 a. m. December 10, 1908, pursuant to a call duly sent to each Regent as provided by law.

The meeting was called to order by Vice Chancellor McKelway. The following Regents were present: Vice Chancellor McKelway, Daniel Beach, Pliny T. Sexton, Albert Vander Veer, Edward Lauterbach, Eugene A. Philbin and Lucian L. Shedden. The Commissioner of Education was also present.

The Commissioner of Education presented excuses for absence from Regents Charles A. Gardiner, William Nottingham, and T. Guilford Smith which were voted satisfactory.

APPROVAL OF THE MINUTES OF THE LAST MEETING

The minutes of the meeting of October 22, 1908, were duly approved.

RULE 64 SUSPENDED

On motion of Regent Sexton,

Voted, That rule 64 be suspended during the session, in so far as it may affect any unanimous action of the Board.

COMMUNICATION FROM THE COMMISSIONER OF EDUCATION

State of New York
Education Department
COMMISSIONER'S ROOM

Albany, December 10, 1908

To the Board of Regents:

I submit the following statements and suggestions concerning the business of the Department:

Appointments and promotions

Since the last meeting of the Board appointments and promotions have been made as follows:

Examinations Division

Alida Van Volkenburg, *Junior clerk*, \$360 per annum

Anna Mabel Wolfe, *Clerk*, promoted from \$600 to \$720 per annum

State Library

Frederick D. Colson, *Law Librarian*, \$2500 per annum

Elizabeth M. Smith, *Reference assistant*, \$1200 per annum

Mabel C. Stackhouse, *Junior clerk*, \$360 per annum

Jacob Berger, *Page*, \$360 per annum

Combined academic and medical degrees

There has been much discussion of late, in university and medical circles, concerning the advisability of conferring the baccalaureate degrees and the degree of M.D. upon the basis of an approved combined course covering a period of six years. The matter becomes vital in this State because candidates for the medical examinations are required to have a medical degree, and because we shall have to determine whether we will approve an academic degree conferred in this way for our general purposes. A medical degree so conferred is not open to question by us, but where the medical and academic degrees are both conferred upon a six year combined course, the academic degree may be, because so much of medical instruction necessarily enters into the basis of it. The present attitude of the Board of Regents is set forth in section 23, subdivision "e," of the Regents Revised Rules, which says that "a college or university may be registered as maintaining a satisfactory standing for one full year of medicine when the combined course for the baccalaureate and medical degrees is not less than seven years."

There are many considerations bearing upon this subject, and President Hadley, of Yale University, is in waiting, and I am sure the Board will be glad to have an expression of his views in relation to the matter.

Charges against the Homeopathic Medical College and Flower Hospital, of the City of New York

Last week a young man by the name of Frederick R. Meeks came to me with the statement that for four years he had been a matriculated student in the Homeopathic Medical College and Flower Hospital in the City of New York, and had completed the work required for the degree of doctor of medicine in said institution, notwithstanding the fact that at the time of such matriculation he had not graduated from a registered college nor satisfactorily completed a full course in a registered academy or high school; that he had not presented proof to the Regents of the University that he had a preliminary education considered and accepted by said Regents as fully equivalent; that he had not a medical student's certificate, and had not passed the Regents examination for matriculation in a medical school, as required by the statute and the rules of the Board of Regents. He stated that he had been matriculated without condition, and the records of the Department show that the college never filed any statement of his deficiency in preliminary requirements, although the law requires that this shall be done within three months after matriculation; and the records also show that the college has failed to present to the Department any evidence of such deficiency having been made up before the said Meeks began his second course in medicine, as it was required to do. Doubtless there was some hope on the part of the student and of the college authorities that in some way the deficiency in preliminary requirements would be made up before the completion of the college course; but if there was such hope it has not been realized, and, in any event, it was a hope in which the college authorities had no right to indulge in the expectation that it might exculpate them from a palpable violation of law.

The student presented to me a card signed by the secretary of the faculty of the college as evidence of the satisfactory completion of the four years' work in the medical college, and he has evidenced to me his integrity of character and personal sincerity and worth. The upshot of the situation is that this young man,

working with undoubted assiduity, and denying himself very seriously, in order to accumulate the means for paying his tuition in a medical college, and doing all the work required by that college for the M.D. degree, now finds himself without the degree and the consequent right to enter the State medical examinations. Notwithstanding the fact that he has paid his money for the instruction and has done the work required, there is no way in which he can be admitted to the medical examinations without either a change in the statute or now completing his preliminary requirements and doing the work over again in the medical college.

If it be said that he himself has some responsibility for this situation, it must be answered, as I think, that it is only such a responsibility as was based, not upon misconduct but upon a false hope. An immature student is not to be censured overmuch for being led into a mistake by an incorporated medical college. In any event, the responsibility of the college is infinitely greater than that of the student. The college has violated the law, when we had the right to expect that it would observe and uphold the law: it has taken the money of the student without being able to give him the return which it assumed to give, and which it was well known that he was paying his money for. The college is a public institution, governed by laws which the Board of Regents is required to enforce.

This is, at least, the *prima facie* situation — certainly sufficient to require that the college should make such explanation or defense as it might care to present, and I therefore made an order, under date of December 3, 1908, requiring the institution to show cause at this meeting of the Board of Regents why its registration should not be revoked, or why such further action in the premises should not be taken by the Board of Regents as it might deem fit and proper. This order has been served upon the medical college, and I have been advised that its officers would be in attendance at this meeting, and I inform the Board that they are now in attendance.

License of Sheridan E. Gardiner M.D.

I submit herewith the recommendation of the State Board of Medical Examiners that the Board of Regents rescind certain action taken March 19, 1896, suspending the medical license of Sheridan E. Gardiner, and I also submit the papers on file in the Department bearing upon the case.

Gift of funds and materials for the Myron H. Clark Museum of Iroquois Culture

I have very great pleasure in presenting the following letter from Dr John M. Clarke, Director of the Science Division, concerning a substantial gift from Mrs Frederick F. Thompson, of New York city and Canandaigua, to the State for the purpose of establishing a collection representing the Indian life which formerly prevailed in all parts of our territory.

Mrs Thompson is a daughter of former Governor Myron H. Clark, and wishes her gift to result in the development of the *Myron H. Clark Museum of Iroquois Culture*, in connection with our proposed historical museum. It ought in justice to be added that Mrs Thompson is a relative of Dr John M. Clarke, the Director of the Science Division, although Dr Clarke would wish it added that that fact should not be taken to be the moving cause of the generous gift which is being made. And it ought also to be added that Mrs Thompson is widely known for her public spirit and munificent public benefactions.

New York State Education Department

Science Division

JOHN M. CLARKE, Director

*Director's Office, State Hall
Albany, N. Y., December 7, 1908*

*Honorable Andrew S. Draper LL.D.
Commissioner of Education
Capitol, Albany, N. Y.*

MY DEAR SIR: I take pleasure in advising you that Mrs Frederick F. Thompson of New York, daughter of the former Governor of this State, Myron H. Clark, has expressed her intention of giving the sum of fifteen thousand dollars toward the establishment and perfection in the State Museum of a collection of aboriginal relics, to be known as the *Myron H. Clark Museum of Iroquois Culture*.

Of this amount I have already received Mrs Thompson's check, drawn to me personally, for five thousand dollars and have deposited as special account four thousand dollars thereof in savings bank, leaving one thousand dollars in deposit bank for immediate use.

Mrs Thompson's very generous gift to this Department through the medium of the Director of the Science Division, is the substantial expression of a cordially sympathetic interest in a plan which, after counsel with you, I laid before her. A recent action of the Board of Regents unanimously approved a proposition for the inauguration of a State Historical Museum, which I had the privilege

to communicate to you. It has seemed to me, in the execution of this plan, wise to begin at the beginning — with our aboriginal culture, wherein there is a logical and working connection with our present operations. It has been my own very strong conviction that the remarkable achievement of the Iroquois Confederacy, the finest example of native culture and aboriginal democracy the world has to offer, should be conserved and reportrayed as fully and effectively as it is now possible to do and this conviction, I believe, you have fully shared with me. In presenting this plan to Mrs Thompson, I naturally entered into some detail as to its workings and ultimate outcome, but briefly stated it involves:

(1) The assembling, in proper association, of the relics of the Iroquois Nation, now, or to be, in our possession.

(2) A preparation of a series of life size groups of figures expressing the various phases of domestic, industrial and military life of the native tribes, with careful detail as to costumes, accessories and scenery — the work to be executed by the most expert artists and craftsmen and the models cast from the best living types. Each of these groups, of which six are now planned, would contain six or more life figures and have a front length of 15–20 feet. Mrs Thompson's gift not only provides for these but for the necessarily expensive steel and plate glass cases to contain them.

(3) A series of busts, mounted on suitable pedestals, of typical Iroquois heads, one of each of the Six Nations, to stand opposite the corridor of groups.

While this is broadly the plan it is hoped to accomplish through Mrs Thompson's assistance, it is not the limit of her generous impulses and acts toward us. She has offered us a large collection of Indian basketry of the finest quality, representing workmanship of which it is now very difficult to obtain examples and which will make of themselves an important and valuable accession to our museum.

I am sure you will share with me the satisfaction I feel in being able to make this announcement of Mrs Thompson's good will and effective aid and in this good progress made toward the realization of the Historical Museum.

Very respectfully yours

JOHN M. CLARKE

Director

Honor to Dr John Mason Clarke

The Academy of Natural Sciences has conferred the Hayden Memorial Medal for 1908 on Dr John Mason Clarke, State Geologist and Director of the Science Division of the State Education Department. This medal is a memorial which Mrs Emma W. Hayden endowed in honor of her husband, Dr Ferdinand W. Hayden, who was for several years Director of the Geological

and Geographical Surveys of the United States territories, and was one of the four principal geologists of the United States Geological Survey from its organization in 1879 until his death. Provision was at first made to confer a bronze medal, and the remainder of the interest of the fund annually as a recognition of the best publication, exploration, discovery, or research in the sciences of geology or paleontology. The bronze medal was awarded annually until 1899, when the deed was modified so as to provide for a gold medal instead of a bronze medal, and so as to award once in three years instead of every year. Since 1890 the medal has been awarded to the foremost geologists of the world, as the following list will indicate:

- 1890, James Hall, State Geologist of New York.
- 1891, Edward D. Cope, distinguished paleontologist.
- 1892, Edward Suess, of Vienna, author of *Das Antlitz der Erde*.
- 1893, Thomas H. Huxley, the distinguished biologist and paleontologist.
- 1894, Gabriel Auguste Daubree, of the Institute of France.
- 1895, Karl A. Von Zittel, of Munich, author of the *Monumental Handbuch der Paleontologie*.
- 1896, Giovanni Capellini, of Bologna, President of the Royal Geological Survey, of Italy.
- 1897, A. Karpinski, of St Petersburg, Director of the Geological Survey, of Russia.
- 1898, Otto Maryin Torell, Chief of the Geological Survey, of Sweden.
- 1899, Gilles J. G. Duwalque, Secretary of the Geological Society of Belgium.
- 1902, Archibald Geikie, Director of the Geological Survey, of Great Britain.
- 1905, Charles Doolittle Walcott, Director of the United States Geological Survey and now secretary of the Smithsonian Institute.

This is only the third instance in which it has been awarded to an American. In 1890 it was given to Dr James Hall, Dr Clarke's predecessor in office, and in 1905 it was given to Dr Charles D. Walcott, formerly an assistant of Dr Hall, then Director of the United States Geological Survey, and now secretary of the Smithsonian Institute. Thus it clearly appears that a very signal professional honor has come to one of our colleagues, which can be scarcely less gratifying to us than to him. I suggest that an expression of the appreciation and congratulations of the Board of Regents would be very appropriate.

Appointment to State Examinations Board

Since the last meeting of the Board steps have been taken by the authorities of the College of the City of New York which seemed to assure the acceptance of the State examinations system in that institution at an early day, and I therefore recommend that President John H. Finley be reappointed as a member of the State Examinations Board.

Certified public accountants

I submit to the Board a communication from the president of the New York State Society of Certified Public Accountants, acting at the instance of that society, concerning some recognition which the society desires extended to accountants who are certified under the laws of their states.

This communication was received too late to give me time to carefully investigate the matter or come to any confident conclusions about it, and I recommend that it be referred to the committee on examinations, with the request for report upon it at some future time.

Registration of colleges and professional schools

I recommend that the following colleges and professional schools be duly registered:

§ 401 *Approved colleges*

Name of institution	Location	President	Degrees registered
College of the City of New York.....	New York, N. Y.	John H. Finley.....	B.A., B.S.
Normal College of the City of New York.....	New York, N. Y.	George S. Davis.....	B.A.

§ 403 *College allowance for the study of law*

Name of institution	Location	President	Degrees registered
Carlton College.....	Northfield, Minn.	Harlan W. Page, <i>sec.</i>	B.A., B.S.
Northwestern College.....	Naperville, Ill.....	H. J. S. Kiekhoefer..	B.S.
Bethany College.....	Lindsborg, Kan..	Ernst Pihlblad.....	B.A.
Delaware College.....	Newark, Del.....	George A. Harter....	B.S.

§ 409 *Schools of medicine*

Name of institution	Location	Dean
Medical College of Virginia.....	Richmond, Va...	Christopher Tompkins
University of Toronto.....	Toronto, Can...	James Brebner, <i>registrar</i>
Manitoba Medical College.....	Winnipeg, Man...	E. S. Popham, <i>registrar</i>
Dalhousie University.....	Halifax, N. S...	A. W. H. Lindsay, <i>sec.</i>
Halifax Medical College.....	Halifax, N. S...	L. M. Silver, <i>registrar</i>
Queens Univ. Faculty of Medicine...	Kingston, Can...	I. C. Connell
Dep't of Medicine (McGill Univ.)...	Montreal, Can...	Thomas G. Roddick

§ 402 *Baccalaureate and medical courses*

Name of institution	Location	President
University of Maine.....	Orono, Me.....	George E. Fellows

§ 452 *Training schools for nurses*

Name of institution	Location	Superintendent
Training School for Nurses of Buffalo Ger- man Deaconess Hospital.....	Buffalo, N. Y...	Gertrude Breslin
Englewood Hospital Training School for Nurses	Englewood, N. J.	Mary V. Post
Willard State Hospital Training School for Nurses.....	Willard, N. Y.	Robert M. Elliott
Jewish Hospital of Brooklyn.....	Brooklyn, N. Y.	C. Eugene Strausser
Swedish Hospital of Brooklyn.....	Brooklyn, N. Y.	Elizabeth Peterson
St Elizabeth's Hospital and Home.....	Utica, N. Y....	Sister Melania
Freedmen's Hospital Training School.....	Washington, D. C.	Sarah L. Luff

§ 408a *Extension courses*

Name of institution	Location	Director
¹ Institute of Scientific Study.	New York, N. Y.....	W. B. Martin
² College of the City of New York	New York, N. Y.....	John H. Finley, <i>president</i>

¹ To meet the provisions of the charter of the city of New York and to count toward degrees.

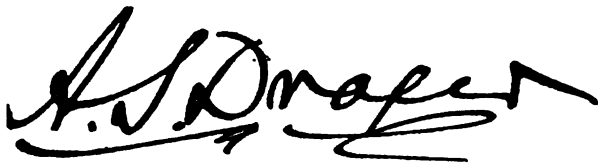
² To meet the provisions of the charter of the city of New York, but not to count toward degrees.

Hudson-Fulton celebration

I transmit herewith a letter addressed to the Board from Mr Samuel Parsons, chairman of the children's festival committee of the Hudson-Fulton Celebration Commission, requesting that

public school children throughout the State be encouraged to hold out-door festivals on Saturday, October 2, 1909.

Respectfully submitted

A handwritten signature in black ink, appearing to read "A. S. Draper". The signature is fluid and cursive, with a long horizontal stroke at the end.

Commissioner of Education

The Regents unanimously took the following action upon the communication of the Commissioner of Education and upon the recommendations made therein:

First:

On motion of Regent Sexton,

Voted, That the appointments and promotions reported by the Commissioner of Education be approved and that the Board unite with him and with the heads of divisions in making such appointments and promotions and fixing the salaries as proposed.

Second:

After President Hadley of Yale University appeared before the Board,

On motion of Vice Chancellor McKelway,

Voted, That the question of combined academic and medical courses as presented by the Commissioner of Education and discussed by President Hadley be referred to the committee on higher education for consideration and future report.

Third:

After Dr R. S. Copeland, dean, and Dr J. W. Dowling, secretary of the faculty of the New York Homeopathic Medical College and Flower Hospital, appeared before the Board,

On motion of Regent Philbin,

Voted, That in the matter of the New York Homeopathic Medical College and Flower Hospital, action be deferred until the next meeting of the Board, and that in the meantime the authorities of the medical college be advised to make a proper adjustment with the student who, under a former administration, had been allowed to matriculate without legal right and pay the tuition fees, when he could not be graduated and admitted to the State medical examinations.

Fourth:

On motion of Regent Lauterbach,

Voted, That in the matter of the application of Sheridan E. Gardiner for revocation of the suspension of his license to practise medicine in the State of New York upon the record and facts presented to the consideration of the Regents they are unable to approve the favorable recommendation of the State Board of Medical Examiners and that the application be refused; and that the Commissioner of Education be requested to make known to the said board the reason for this action.

Fifth:

On motion of Regent Shedden,

Voted, That the Board of Regents accept the gift by Mrs Frederick F. Thompson of a museum which shall adequately represent the abodes, dress and life of the Six Nations of Indians formerly living upon the territory of this State, to be known as the *Myron H. Clark Museum of Iroquois Culture*, and direct that its appreciative acknowledgments be forwarded to Mrs Thompson, with the assurance that the Board of Regents will care for the museum and endeavor to have it realize her thought and perpetuate a realistic knowledge of these most interesting people.

Sixth:

On motion of Vice Chancellor McKelway,

Voted, That the Board has learned with much pleasure of the signal honor to Dr John M. Clarke, Director of the State Museum, in receiving the Hayden Memorial Medal for 1908 and tenders to its colleague its hearty congratulations and to the Academy of Natural Sciences its profound appreciation of the distinction impressively conferred and in its opinion fully deserved.

Seventh:

On motion of Regent Philbin,

Voted, That President John H. Finley of the College of the City of New York be reappointed as a member of the State Examinations Board for a full term of five years.

Eighth:

On motion of Regent Shedden,

Voted, That the communication from the president of the New York State Society of Certified Public Accountants submitted by the Commissioner of Education be referred to the committee on examinations for consideration and future report.

Ninth:

On motion of Regent Philbin,

Voted, That the institutions named in the list submitted by the Commissioner of Education be registered as maintaining approved and proper standards.

Tenth:

On motion of Regent Philbin,

Voted, That the Board of Regents sympathizes with the purposes of the Hudson-Fulton Celebration Commission and will favor such action by the Commissioner of Education as will be calculated to interest the children of the schools in the same.

REPORT OF CHARTER COMMITTEE

Regent Sexton as chairman of the charter committee presented its report and recommendations, upon which the following action was taken:

Charter granted

Institute of Scientific Study. *Voted*, That upon the application of John M. Farley, M. J. Lavelle, P. J. Hayes, George J. Gillespie, and John Fox, a charter be granted incorporating them and their associates and successors as an institution to carry on extension courses under the corporate name of Institute of Scientific Study, to be located in New York city, N. Y., with five trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it or its trustees by its authority shall by general rules provide.

Provisional charter granted

Franklin Free Library. *Voted*, That upon application of Lewis F. Raymond, Cora B. Chamberlin, Amelia A. Jennings, Minnie A. Mann and Joseph Eveland, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of Franklin Free Library, to be located at Franklin, N. Y., with five trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four and five years, and their successors to be elected one each year by the members of the corporation, whose number may be increased or

decreased in such manner and upon such terms as it or its trustees by its authority shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Provisional charter replaced by absolute charter

Nassau Free Library. *Voted*, That the Nassau Free Library, provisionally incorporated February 9, 1893, having sufficiently met the conditions required therefor an absolute charter be granted to replace its provisional charter.

Amendments of charters

St Joseph's Seminary and College. *Voted*, That upon the unanimous request of its trustees, voted at their meeting of December 7, 1908, at which all of the trustees were present, the charter of St Joseph's Seminary, which was incorporated by certificate dated January 29, 1886, and filed in the office of the Secretary of State, February 11, 1886, be amended by changing its corporate name to that of St Joseph's Seminary and College, and authorizing it, subject to the general rules and other requirements and restrictions of the Regents of the University, to maintain a college department, with power to confer collegiate degrees upon the successful completion of approved courses of study, while possessing in its own right resources of the value of at least five hundred thousand dollars (\$500,000) and maintaining, to the satisfaction of the Regents, approved equipment, standards and courses of instruction of college grade.

Academy of Mount St Ursula, Bedford Park, New York city. *Voted*, That upon the unanimous request of its trustees, voted at their meeting of September 19, 1908, at which all of the trustees were present, the corporate name of The Ursuline Convent, which was incorporated by the Legislature of this State by chapter 185 of the laws of 1868, be changed to that of Academy of Mount St Ursula, Bedford Park, New York city.

David A. Howe Public Library. *Voted*, That upon the unanimous request of its trustees, voted at their meeting of April 28, 1908, at which all of the trustees were present, the corporate name of Wellsville Public Library, which was incorporated by the Regents

on June 5, 1894, with a provisional charter which was replaced by an absolute charter on March 18, 1897, be changed to that of David A. Howe Public Library.

Academies admitted

Voted, That the following institutions be admitted to the University as schools of academic grades :

The academic department of union free school district no. 8 of the town of Dickinson, Franklin co., to be known as Dickinson Union School,

And the academic department of union free school no. 6 of the town of North Hempstead, Nassau co., to be known as Manhasset Union School.

Registration of secondary school

St Ann's Academy. *Voted*, That, the prescribed requirements having been duly met, in compliance with the application in its behalf the St Ann's Academy, of 155 E. 76th street, New York city, be registered as a secondary school of high school grade.

Registration of libraries

Rhinecliff Memorial Library. *Voted*, That in compliance with the request of its trustees the Rhinecliff Memorial Library, which was incorporated May 15, 1908, by the Regents and which has been found on official inspection to be meeting their requirements, be registered as maintaining a proper standard.

Goshen Library and Historical Society. *Voted*, That the request of the trustees of Goshen Library and Historical Society for the registration of their library be refused until the library shall be made free to the public.

Special grant to library

Voted, That a grant of \$100 be made to the Franklin Free Library if an equal amount be otherwise provided by January 1, 1909, and the purposes for which the money will be used be approved by the Commissioner of Education.

SUMMARY OF INSTITUTIONS CHARTERED AND ADMITTED

NAME	Post office	Grade	VALUE OF						Total property	Debts	Net property	Vol- umes in library
			Grounds	Build- ings	Furni- ture	Appa- ratus	Li- brary	Other property				
<i>Charter granted</i> a Institute of Scientific Study	New York											
<i>Provisional charter granted</i> Franklin Free Library	Franklin								\$500	\$500	700	
<i>Provisional charter made absolute</i> Nassau Free Library	Nassau								1 516	1 516	1 280	
<i>Academic departments admitted</i> Dickinson Union School	Dickinson	Jr	\$1 000	\$4 500		\$102					5 808	
Manhasset Union School	Manhasset	Jr	4 000	15 000		100 40					19 575 40	

^a The property and equipment including furniture, library and apparatus for this institution is obtained by rental or gratuity from the corporation of the archdiocese of New York.

REPORT OF THE COMMITTEE ON HIGHER EDUCATION

Regent Vander Veer, as chairman of the committee on higher education, presented its report and recommendations on the rules submitted by the State Board of Medical Examiners and by the State Board of Examiners in Optometry, upon which the following action was unanimously taken:

Rules and regulations of the State Board of Medical Examiners

Voted, That the following rules and regulations governing the New York State medical licensing examinations be and are hereby approved:

1 The names of the candidates are not to appear on the paper, but a number that is to be assigned is to be used.

2 An answer paper bearing the candidate's name or any other designation which could or would reveal the candidate's identity must be forwarded to the secretary of the board, unrated. The secretary shall thereupon send such answer paper to one of the other members of the board for rating, making sure that no evidence as to the identity of the candidate remains on the answer paper.

3 75% in each topic is required for a license.

4 Candidates must pass at 90% or above in seven of the eight topics in order to receive an honor license.

5 Candidates who have passed in all topics with a rating of 90% or more in six topics and a rating of 89% in a seventh topic shall be entitled to a review for honor license, unasked.

6 Papers should be rated by the examiner at the *minimum* rate of at least 20 a day, more if possible, from the date of receipt.

7 Candidates taking the full examination and failing in but one topic may take a subsequent examination in the topic in which rejected at any of the regular times without payment of additional fee.

8 Candidates taking the partial examination and failing in one topic of the group are obliged to take all subjects of the group over again and can not be admitted to a subsequent examination on the original fee until six months have elapsed.

9 Candidates taking the full examination and failing in more than one subject can not take a subsequent examination on the original fee till six months have elapsed. Such candidates must be reexamined in all topics.

10 A candidate may appeal from the review rating accorded him by an individual examiner, whereupon the answer paper in question shall be submitted to a committee on review. The finding of the committee shall stand unless appeal is made from their decision, whereupon each member of the board shall make a rating of the answer paper in question, and a majority vote shall determine the final rating to be accorded.

11 A rejected rating of 70% or more entitles the candidate to a review of the original marks, unasked.

12 Answer papers are to be written on one side of the paper only and in ink or indelible pencil.

13 Examiners must not rate answer papers where other than regulation paper is used by the candidate.

14 Examiners should make out their report of ratings in duplicate, sending one copy to the Department of Education, the other to the secretary of the board.

15 Fifteen questions shall be asked in each of the following topics or groupings of topics:

Anatomy	Surgery
Physiology	Obstetrics and gynecology
Hygiene and sanitation	Pathology and bacteriology
Chemistry	Diagnosis

16 Official documents requiring the signature of an officer or of a member of the board should be signed and forwarded on the day received and the date of such signature should appear next the signature.

17 Licenses should be signed in India ink.

18 All letters to members of the board from prospective or actual candidates for license should be referred to the secretary of the board for answer.

Rules and regulations of the State Board of Examiners in Optometry

Voted, That the following rules and regulations governing the New York State optometry licensing examinations be and are hereby approved:

1 The names of the candidates are not to appear on the paper, but a number that is to be assigned is to be used.

2 An answer paper bearing a candidate's name or any other designation, which could or would reveal the candidate's identity

must be forwarded to the secretary of the board, unrated. The secretary shall thereupon send such answer paper to one of the other members of the board for rating, making sure that no evidence as to the identity of the candidate remains on the answer paper.

3 75% in each topic is required for the granting of a certificate.

4 Papers should be rated by the examiner at the *minimum* rate of at least 20 a day, more if possible, from the date of receipt.

5 Candidates taking the examination and failing in but one topic, may take a subsequent examination in the topic in which rejected, at any of the regular times without payment of additional fee, provided this examination is taken within two years.

6 Candidates taking the examination and failing in more than one subject, may take a subsequent examination on the original fee, but he must earn his certificate within two years from date of his first examination. Failing to do this, he must again pay the fee.

7 A candidate may appeal from the review rating accorded him by an individual examiner, whereupon the answer paper in question shall be submitted to a committee on review. The finding of the committee shall stand unless appeal is made from their decision, whereupon each member of the board shall make a rating of the answer paper in question, and a majority vote shall determine the final rating to be accorded.

8 A rejected rating of 70% or more entitles the candidate to a review of the original marks, unasked.

9 Answer papers are to be written on one side of the paper only, and in ink or indelible pencil.

10 Examiners must not rate answer papers where other than regulation paper is used by the candidate.

11 Examiners should make out their report of ratings in duplicate, sending one copy to the Education Department, the other to the secretary of the board.

12 Fifteen questions shall be asked in each topic, of which each candidate must answer ten.

13 The annual meeting of the board shall be in October, the exact date to be determined by the president and secretary of the board.

14 A question committee, consisting of three members, shall be appointed by the president of the board. Each examiner shall submit to the Chief of the Examinations Division of the Education Department, a list of 120 questions on his topic. On the call of the president of the board, the question committee shall meet at Albany

for the purpose of properly grouping these questions in conformity with the rules of the board, and from the questions submitted, four separate examination papers shall be arranged, and when these questions are grouped and the examinations are arranged, the complete work of the question committee shall be submitted to the Chief of the Examinations Division as being the selection of the board for the four examinations to be held during the year under the Education Department.

Amendments to Regents Revised Rules

Voted, That chapter 10, Regents Revised Rules, be amended by adding the following sections:

§ 413 **Schools of optometry.** *A school of optometry may be registered as maintaining a satisfactory standard and may be legally incorporated. Incorporation by the Regents will be made on formal application and inspection by the Department which show that the school possesses the minimum requirements.*

§ 414 **Preliminary education.** *All schools registered shall require of pupils applying for admission a certificate of the completion of two years in a recognized high school subsequent to eight years of elementary preparation, or its equivalent.*

§ 415 **Professional education.** *The school*

a *Must require candidates for graduation (1) to be at least 21 years of age, (2) to be of good moral character, (3) to have completed a two year course in optometry.*

b *May confer a diploma of graduation on the completion of a course of study embracing (1) the academic subjects — plane trigonometry and physics, (2) the technical subjects — theoretic optics, practical optics, physiological optics, theoretic optometry, practical optometry, anatomy and physiology of the eye, including pathologic conditions of the eye.*

c *Matriculates prior to November 1, 1908, that met all other requirements of the law may be admitted to the examinations on presentation of evidence of graduation from a school of optometry that requires at least three months actual attendance. In equity these schools will be regarded temporarily as having maintained a satisfactory standard.*

d *Course of study for schools of optometry.*

(1) *First year*

FIRST TERM	SECOND TERM
Trigonometry	Physics
Physics	Theoretic optics
Theoretic optics	Physiological optics
Physiological optics	Practical optics
Anatomy and physiology of the eye	Theoretic optometry

(2) *Second year*

THIRD TERM	FOURTH TERM
<i>Theoretic optics</i>	<i>Theoretic optics</i>
<i>Physiological optics</i>	<i>Physiological optics</i>
<i>Practical optics</i>	<i>Practical optics</i>
<i>Theoretic optometry</i>	<i>Theoretic optometry</i>
<i>Pathologic conditions of the eye</i>	<i>Practical optometry</i>

§ 416 **Subjects of State examination.** *The examinations for a certificate to practise optometry shall consist of written tests covering the following clearly defined subjects:*

*a Theoretic optics.*¹ *The examination is restricted to the laws of reflection and refraction, as applied to mirrors, prisms, lenses and optical instruments, usually described in the chapter on light in modern textbooks of physics, and in standard special treatises on light.*

b Practical optics. *The examination is confined to the construction, mounting and adjustment of ophthalmic lenses and prisms.*

c Physiological optics. *The examination covers specifically the philosophy of the dioptric functions of the eye, and of its anomalies and their correction by lenses.*

d Theoretic optometry. *The examination includes the explanation of the various principles, methods and instruments used to detect and measure anomalies of the eye in general.*

e Practical optometry. *The examination covers the use of mechanical appliances for making examinations of the eye and measurements of the powers of vision.*

f Anatomy and physiology of the eye. *The examination includes the anatomy and physiology of the eye and its pathologic condition.*

Regent Vander Veer presented a further report on the question of indorsement of licenses by states with which New York State holds reciprocal relations, the question having been referred to the committee at a meeting of the Board held October 22, 1908, upon which the following action was taken:

Voted, That medical licenses issued in states with which New York holds reciprocal relations may be indorsed if the applicant meets all other statutory requirements and presents a certificate of five years of reputable practice, mentioned in the statute, completed either before or after the date of the license presented for indorsement.

¹*First examination in theoretic optics will be given at the examination next following January 1, 1910.*

REPORT OF THE FINANCE COMMITTEE

Regent Beach as chairman of the finance committee presented the following letter and certificate relating to the books, accounts, deposits, etc. of the Department up to and including December 9, 1908.

National Commercial Bank

Albany, N. Y., December 9, 1908

Hon. Andrew S. Draper
Commissioner of Education
Albany, N. Y.

DEAR SIR: We beg to advise you that the balance on our books at the close of business December 9, 1908, to the credit of the New York State Education Department was \$17,828.60.

Yours very truly

W. W. BATCHELDER
Asst. Cashier

STATE OF NEW YORK }
COUNTY OF ALBANY } ss.

James A. Wendell, being duly sworn, deposes and says that he is the Assistant Warrant Clerk in the office of the State Comptroller at Albany, N. Y.; that pursuant to the request of the Commissioner of Education of the State of New York he has made an examination of certain accounts in the Cashier's office of the Department of Education to and including December 9, 1908; that such examinations have consisted of a comparison of the receipts from fees and miscellaneous sources as shown in the petty cashbook with the book of original entry, a comparison of the deposits with the account of the National Commercial Bank, a verification of all footings affecting the petty cash receipts and disbursement, and a verification of the cash purporting to be on hand at the date of such examination; that he has found the books to be correct and the correct amount of cash on hand in the office, and the deposits to have been made with the National Commercial Bank as indicated by the office accounts.

Furthermore, he deposes and says that he has made a personal examination of all vouchers and pay rolls filed in the office of the State Comptroller for payments made during the said period ending December 9, 1908, from the appropriations for the Department of Education, and finds that such vouchers are all properly itemized and receipted and are for expenditures duly authorized by law.

JAMES A. WENDELL

Subscribed and sworn to before
me this 10th day of December, 1908

GEORGE R. KEHOE

Notary Public

Concerning recognition of the Hebrew language

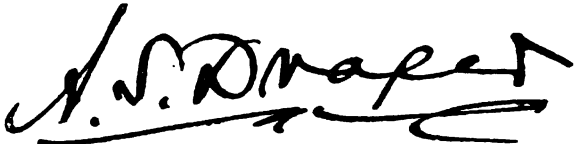
Regent Lauterbach presented a communication from Mr Joseph Baroness, of New York city, in reference to the recognition by the Board of the Hebrew language among ancient languages.

On motion of Regent Shedden,

Voted, That the communication be referred to the committee on examinations for consideration and future report.

Thereupon, on motion, the Board adjourned.

The foregoing Attest
minutes of the
meeting of the
Board of Regents,
held December 10,
1908, were duly ap-
proved and con-
firmed at a meet-
ing of said Board
held April 1, 1909



Commissioner of Education

**MEETING HELD AT THE EDUCATION DEPARTMENT IN
THE CAPITOL, ALBANY, APRIL 1, 1909**

The Board of Regents of the University of the State of New York met at the Education Department in the Capitol, Albany, at 10 a. m. April 1, 1909, pursuant to a call duly sent to each Regent as provided by law.

The meeting was called to order by Vice Chancellor McKelway. The following Regents were present: Vice Chancellor McKelway, Daniel Beach, Pliny T. Sexton, T. Guilford Smith, Albert Vander Veer, Edward Lauterbach, Eugene A. Philbin, Lucian L. Shedden and Francis M. Carpenter. The Commissioner of Education was also present.

The Commissioner of Education presented excuses for absence from Regents Charles A. Gardiner and William Nottingham which were voted satisfactory.

APPROVAL OF THE MINUTES OF THE LAST MEETING

The minutes of the meeting of December 10, 1908, were duly approved.

REGENT CARPENTER PRESENTED TO THE BOARD

The Vice Chancellor presented Regent Francis M. Carpenter to the members of the Board and announced that, upon Regent Carpenter's request, he would not be assigned to committees until the annual meeting in December but would serve until that time as committeeman at large.

RULE 64 SUSPENDED

On motion of Regent Sexton,

Voted, That rule 64 be suspended during the session, in so far as it may affect any unanimous action of the Board.

COMMUNICATION FROM THE COMMISSIONER OF EDUCATION

State of New York
Education Department
COMMISSIONER'S ROOM
Albany, April 1, 1909

To the Board of Regents:

I hereby submit the following statements and suggestions concerning the business of the Department:

Appointments and promotions

Since the last meeting of the Board appointments, promotions and transfers have been made as follows:

Commissioner's Office

Wayne Willmarth, *Clerk*, promoted from \$600 to \$720 per annum

Administration Division

Grace M. Scott, *Bookkeeper*, promoted from \$480 to \$600 per annum

Jessie E. Hart, *Junior clerk*, promoted from \$360 to \$480 per annum

Katherine F. Cook, *Junior clerk*, \$360 per annum

Examinations Division

Harry DeWitt DeGroat, *Assistant in charge of teachers examinations*, transferred from Inspections Division with promotion from \$2500 to \$3000 per annum

State Library

Charlotte J. Van Peyma, *Reference assistant*, promoted from \$720 to \$900 per annum

Elizabeth Mack, *Junior clerk*, transferred from Division of Educational Extension with promotion from \$360 to \$480 per annum

Louis Kantrowitz, *Page*, \$360 per annum

Division of Educational Extension

Frances Nally, *Junior clerk*, \$360 per annum

School Libraries Division

Mary E. FitzGerald, *Stenographer*, \$900 per annum

Statistics Division

Frances M. Martin, *Junior clerk*, transferred from the Administration Division with promotion from \$480 to \$600 per annum

Division of Trades Schools

Mary A. Tuohy, *Stenographer*, \$900 per annum

Division of Visual Instruction

Alfred W. Abrams, *Chief*, transferred from Examinations Division without change of salary to fill vacancy caused by the resignation of DeLancey M. Ellis

Consolidation and revision of education laws

A complete consolidation of the general laws relating to education in the State has this winter been reported by the Board of Statutory Consolidation, and passed by the Legislature, approved by the Governor, and has become chapter 21 of the laws of 1909, to be known as the Education Law.

This consolidation makes no intentional changes in the law. An error, or oversight, has been discovered in one rather important matter.

In section 2 of the law, containing definitions, the term "secondary education" was defined in the law as passed to mean "the instruction imparted between the elementary course and the college or university." The term "higher education" was defined in the law as passed to mean education in advance of secondary education.

The effect of these definitions was to limit the institutions included in the University as provided by section 1095 of the law. This is now being corrected by a bill that is on its way through the Legislature, to which there is no opposition.

A very substantial advantage is gained by bringing all of the education general laws together in one act. The consolidation is not only convenient for our own use and for distribution to the public, but it conduces to a better understanding of the education laws, and aids desirable future changes therein.

It must be said, however, that the entire law ought to be rewritten and newly enacted, not for the purpose of changing its substance but for improvement of its form. The Board of Statutory Consolidation did not venture to do much in the way of change of form: it undertook to bring all of the acts together with some reference to their relations to one another, and to repeal obsolete or inconsistent statutes. It left much to be desired in the way of good form. It is exceedingly important that a great statute like the new Education Law, which is in so common use by great numbers of people who are not much accustomed to legal phraseology, shall be made as clear as possible and free from apparent inconsistencies. It is also desirable that there be some minor modifications of several sections in order to more manifestly sustain the construction and deductions which have been placed upon them in the long years of administration, and which have come to be more thoroughly expected in usage than clearly expressed in the statute.

Moreover, it seems to me that the time has come when we ought to initiate steps to change that part of the law bearing upon the relations of the Board of Regents to the Commissioner of Education, so as to clearly support the plan of procedure which we happily agreed upon five years ago and which has worked very satisfactorily.

The present time, before the new Education Law has been much modified by inevitable piecemeal legislation, seems the opportune one for recasting the entire statute so as to attain these different ends.

It is five years today since the Unification Act of 1904 went into effect. No one will say that matters have not proceeded satisfactorily. In the educational organization and among the people the results are well accepted. I am confident that a revision of the Education Law, made for no other purposes than those I have indicated, and looking to the improvement of its clarity and form, would meet with no opposition in the Legislature and would be very acceptable to the public.

It will be quite a task to do this, and it will require time and deliberation. I think we ought to have it ready for the next Legislature. To that end, I suggest that the Board of Regents join with the Commissioner of Education in the performance of this work. The Third Assistant Commissioner, who has until recently been the Chief of the Law Division, and the present

Chief of the Law Division, who is an experienced legal writer and has for years been the adviser of the legislative committees in the drafting of statutes, will be willing to undertake this work. I think I can submit the completed work to the law committee of the Board of Regents, or to the Board itself, by the first of November next, which will afford ample time for our coming to ultimate conclusions about it among ourselves, and for presenting it to the Legislature very early in the next session.

The foregoing relates exclusively to educational statutes of universal application in the State. It does not touch upon that great mass of special statutes relating to particular cities or districts. The number and inconsistencies of these are almost past belief. They ought to be brought together and put in at least available form. Great numbers of them are no longer of any account and some are absolutely absurd. Often they conflict with each other as to the same city or district, and frequently they are in sharp conflict with vital provisions in the general laws. I am not without hope that we could enter this field, uproot many old stumps, and burn a great deal of underbrush, and so succeed in clearing a confused and unattractive situation. I suspect that it not only can be done without stirring much local opposition, but to the satisfaction of the people and the school authorities of the particular districts to which these special statutes relate. With the approval of the Board of Regents, the Commissioner of Education and the other officials in the Department to whom reference has heretofore been made, will be glad to see what can be done in this direction, to the end that we may have a complete and clean, clear and harmonious, system of education laws in the State. If we can accomplish this, we shall accomplish more than any other state — certainly than any of the older states — has had the courage to attempt.

Minimum grade for academic diploma

In the outworking of our new plans concerning the academic diploma, it has seemed desirable to many interested persons that instead of basing the diploma upon a minimum general average of 65%, it would be better to base it upon a minimum passing mark of 60% in each subject. The matter has been discussed in the Department, in the State Examinations Board, and through correspondence with the university and college authorities of the State. There is general unanimity of opinion as to the advis-

ability of making the change, and I therefore recommend that section 359, subdivision *d* (1), of the Regents Revised Rules be amended so as to read: *A diploma based upon a minimum passing mark of 60% in each subject.*

Certificates for certified public accountants

It has heretofore been the usage of the Department to issue junior certificates to those who pass the examinations for certified public accountants, and who can not be given the full certificate because they lack the age or the experience required for such full certificate. It has developed that some of the persons holding these junior certificates, probably without evil intent, have assumed that they were entitled to use the letters "C.P.A." after their names before getting the senior certificate. There is no hardship in requiring them to show the age and experience which the statute requires before issuing any certificate to them beyond the merest statement of the credits which they have earned in examination, and I therefore recommend that the issuance of the junior certificate for certified public accountants be discontinued.

Revocation of medical licenses of Edward E. Conrad and Robert Ormsby

Edward E. Conrad, a licensed physician in the county of New York, has been convicted of a violation of the criminal law and sentenced to state prison for a term of not less than one year nor more than two years. The Medical Society of the County of New York recommends the revocation of his license and the annulment of his registration. The committee of the State Board of Medical Examiners has duly investigated the case, and makes a like recommendation. I therefore recommend that the Board of Regents revoke the license of said Conrad and annul his registration in New York county.

Robert Ormsby, a licensed physician in the county of New York, has been convicted of a violation of the penal code and sentenced to pay a fine of \$100 or serve 20 days in the city prison. The Medical Society of the County of New York has asked for the revocation of his license and the annulment of his registration. The committee of the State Board of Medical Examiners, having duly investigated the matter, recommends that this be

done. I therefore recommend that the medical license of said Robert Ormsby be revoked and his registration in New York county annulled.

Application of Veranus A. Moore for admission to medical practice

I transmit herewith the application of Veranus A. Moore for admission to medical practice on the ground that he has "been in reputable practice for a period of 10 years and has reached a position of conceded eminence and authority in his profession."

Dr Moore is a graduate of Cornell University and of Columbian University at Washington, D. C., and has held many positions of high responsibility in connection with the veterinarian work of the federal government. He has clearly made many contributions to the literature of veterinary science. It is apparently not too much to say that few men have had the experience that he has had in the all-important veterinarian work of the general government, nor is it going too far to say that he has "reached a position of conceded eminence and authority" in the veterinarian profession. He has held the position of Chief of the Division of Animal Pathology in the Bureau of Animal Industry of the Department of Agriculture at Washington, and he is now the Director of the State Veterinary College at Cornell University. He is a member of the American Medical Association, and of other medical and veterinary medical associations. His high standing as a scientist is undoubted.

Nevertheless, his standing is that of a scientific veterinarian, rather than that of a physician or surgeon. His practice and his writings have concerned the treatment of animals, rather than of humans. Therefore, I do not believe that he comes within the provision of the medical practice act, under which he seeks admission to the medical profession in this State. While the statute provides that "the Commissioner of Education may in his discretion, on the approval of the Board of Regents, indorse the license or diploma of a physician from another state," and while with my view of the matter it is not necessary to present it to the Board of Regents, yet, in view of the professional eminence of the applicant, and of the fact that the question is raised for the first time, and of the further fact that the evident intent of the statute is that the Board of Regents and the Com-

missioner of Education shall act in accord, I have deemed it best to transmit the application to the Board to the end that the matter may be settled, and a precedent established.

Petition of Antinino Maimone to practise medicine

I transmit the petition of Antinino Maimone to be permitted to practise medicine in this State.

The petitioner alleges that he graduated from the University of Messina (Italy) in 1869, after a four years medical course, and received from the university the degree of doctor of medicine; that he practised medicine in Italy from 1869 to 1886, when he came to the city of New York, since which time he has been engaged in the practice of his profession in that city. He has never done anything to comply with the provisions of the New York statutes requiring registration. Having failed to do this, and it not being claimed that he has reached a position of eminence and authority in his profession, there is no way in which he can be admitted to medical practice in this State without an examination. There are no papers submitted, beyond the mere statement of an attorney, which statement is not verified. While the law provides a method for correcting an erroneous registration, it makes no provision whatever for permitting one to register who paid no attention to the requirements of the law within the limits of time fixed by the law. It is perfectly clear to me that the petitioner can not be admitted to practice except through examination, but the case is one which depends upon the view of the law taken by the Board of Regents, rather than that taken by the Commissioner of Education, and I do not feel like preventing the petitioner from gaining the attention of the Board. I, however, recommend that the petition be not granted.

Petition to antedate preliminary medical certificates

I transmit herewith the petition of Edson H. Lutze, W. W. Brown, Fred R. Meeks and W. H. Spicer for the antedating of their preliminary medical certificates. Each of these young men has completed a four years course of study in the New York Homeopathic Medical College. They ask the Board of Regents to antedate their preliminary certificates prior to their first year of medical study in order to allow the college in which they studied medicine to grant them a degree upon the work so completed, and to enable them to enter the examination for a license to practise medicine in this State.

The statute specifically prescribes the conditions upon which a student may be admitted to the study of medicine, namely, a certificate of the completion of a four years registered high school course, or its equivalent (60 counts in Regents examinations). A medical school may matriculate conditionally a student deficient in not more than one year's academic work of 15 counts, provided the name and deficiency of each student be filed at the Department within three months after matriculation, and further provided that the deficiency be made up before the student begins his second annual medical course counted toward the degree [Medical law, § 7, ¶ 5].

These conditions have not been complied with and the petitioners have not furnished the Department with any evidence upon which their certificates could be antedated, under the statute or the Regents rules. I therefore recommend that the petition be denied.

Petition for the recognition of the diplomas of certain graduates of the Old Physio Medical College and Platen Institute of the City of New York

I transmit herewith the petitions, and all papers in the case, of several graduates of the above named institution for the recognition of their diplomas as doctors of osteopathy.

Section 14 of the medical law specifically provides that the Board of Regents may grant a license to practise osteopathy to an applicant "who shall present to the Board of Regents satisfactory evidence that he is a graduate in good standing of a regularly conducted school or college of osteopathy within the United States which at the time of his or her graduation required a course of study of two years or longer . . . with actual attendance of not less than 20 months, which facts shall be shown by his or her diploma."

This institution did not require actual attendance of 20 months in all cases, and, furthermore, was never authorized by the Board of Regents to grant either degrees or diplomas in this State, and never was a regularly conducted school or college of osteopathy in good standing in the State, as the law prescribes.

I therefore recommend that the several petitions be denied.

Application for apportionment to Staten Island Academy

I present herewith an application from William G. Willcox, president of the board of trustees of Staten Island Academy, for an apportionment on the basis of quota and attendance from the academic fund, to that institution.

The Staten Island Academy is under process of reorganization and was granted a provisional charter by the Board on March 12, 1908. Previous to that time, for many years, it had received an apportionment from the academic fund. An application is now before the Board to make its provisional charter permanent. In the meantime, there has been no change in the operation of the school itself.

I therefore recommend that the Staten Island Academy be deemed to have met all requirements under section 31 of the Regents Revised Rules for an apportionment from the academic fund.

Government tariff on books

The existing tariff imposes a duty of 25 per cent ad valorem on books, with the following exceptions:

- (a) Books printed wholly in foreign languages.
- (b) Books in English which have been printed more than 20 years.
- (c) Books imported for the use of the United States or the Library of Congress, or for the use of libraries, educational institutions, or societies of a literary or scientific character.

Congress is now at work upon a revision of the tariff, and the trustees of the New York Public Library and the Director of the State Library have expressed a desire that the Board of Regents should express to the members of the New York delegation in Congress and to the members of the ways and means committee of the House of Representatives their desire to have all duties on books discontinued. This seems to me altogether reasonable. The copyright laws must be assumed to afford necessary protection to authors, and, beyond that, the protection afforded to the manufacturers by the present tariff is very limited as it applies only to imported modern books and periodicals which are printed in English. It is, however, a tax upon knowledge and education which ought not to be insisted upon by a republic whose very existence depends upon the intelligence of its citizens. I therefore recommend that the Board take action protesting against the removal of any books from the free list, and express its desire that all import duties upon printed matter be entirely abolished.

Registration of colleges and professional schools

I recommend that the following colleges and professional schools be registered as meeting the approval of the Department:

§ 401 *Approved colleges or universities*

Name of institution	Location	President	Degrees registered
Boston University.....	Boston, Mass.....	W. E. Huntington..	B.A., B.L., B.S.
Loyola College.....	Baltimore, Md.....	F. X. Brady.....	B.A.

§ 403 *Approved colleges or universities conforming to the order of the Court of Appeals*

Name of institution	Location	President	Degrees registered
Wilson Female College..	Chambersburg, Pa.	M. H. Reaser.....	B.A.
Wofford College.....	Spartanburg, S. C.	Henry M. Snyder..	B.A.
Case School of Applied Science	Cleveland, O.....	Charles S. Howe...	B.S.
Iowa College.....	Grinnell, Ia.....	J. H. T. Main.....	B.A., B.S., Ph.B.
Massachusetts Agri. Coll.	Amherst, Mass...	G. F. Mills, <i>dean</i> ...	B.S.
St Olaf College.....	Northfield, Minn..	J. V. Kildahl.....	B.A., B.S.
Whitman College.....	Walla Walla, Wash	W. A. Bratton, <i>secretary</i>	B.A., B.S., B.L.
Kenyon College.....	Gambier, O.....	W. F. Peirce.....	B.L.
Wabash College.....	Crawfordsville, Ind	M. B. Thomas, <i>dean</i>	B.A.
Polytechnic Institute of Brooklyn	Brooklyn, N. Y..	Fred W. Atkinson..	C.E., M.E., E.E.
Mount Union College...	Alliance, O.....	L. R. Gibbs, <i>dean</i> ..	B.A., B.S., B.L., Ph.B.
Ohio Wesleyan Univ...	Delaware, O.....	Herbert Welch.....	B.A., B.S., B.L.
Muhlenberg College.....	Allentown, Pa....	John A. W. Haas...	B.A., B.S.
St John's College.....	Annapolis, Md....	Thomas Fell	B.A., B.S.

§ 410 *Approved schools of dentistry*

Name of institution	Location	Dean
North Pacific Coll. of Dentistry.	Portland, Or.....	Herbert C. Miller
Dental Coll. of McGill Univ....	Montreal, Can.....	John W. Scane, <i>registrar</i>
Dental Dep't, Marquette Univ..	Milwaukee, Wis....	Henry L. Banzhof

§ 452 *Approved schools of nurse training*

Name of institution	Location	Superintendent
Training School for Nurses of the New England Hospital for Women and Children....	Boston, Mass.....	Stella M. Taylor
McLean Hospital Training School for Nurses.....	Waverly, Mass.....	George T. Tuttle
Frederick Ferris Thompson Hospital Training School....	Canandaigua, N. Y..	Edward G. Hayes, <i>president</i>
Glens Falls Hospital Corporation	Glens Falls, N. Y...	E. Leta Card
New York Red Cross Hospital and Training School for Nurses	New York, N. Y....	W. T. Wardwell, <i>president</i>
Peekskill Hospital Training School	Peekskill, N. Y....	C. C. Knight

§ 413 *Approved schools of optometry*

Name of institution	Location	President
Northern Illinois College of Ophthalmology and Otology..	Chicago, Ill.....	J. B. McFatrigh
New York Institute of Optometry	New York, N. Y....	A. Jay Cross
Massachusetts School of Optometry	Boston, Mass.....	August A. Klein

§ 408a *Extension courses*

Name of institution	Location	Director
New York University (summer courses and pedagogical courses)	New York, N. Y....	James E. Lough

The Education Building

Work upon the Education Building has been practically suspended since the middle of December, because of winter weather. It is said that the time has not been wholly lost because the contractors have been accumulating materials and preparing themselves for the prosecution of the work as soon as weather conditions permit. A very considerable force has just commenced work, and I am sure that the materials for the building are well in hand.

The Trustees of Public Buildings have recently let a contract for the erection of a retaining wall running along the line between the property of the State and the east side of the plot of the Cathedral of All Saints, at an expense of some \$29,000. A full-size working model of the southwest corner of the building has just been erected, and not only attracts much attention but gives much promise of the beauty of the structure.

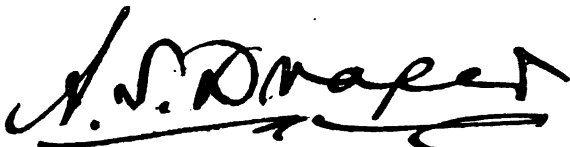
It seems to be understood in the Legislature that \$1,000,000 will be appropriated this year for continuing the work.

The Trustees of Public Buildings have requested the Legislature to authorize the acquisition of a site and the erection of a new heat, light and power station for both the Capitol and the Education Building, at a cost of \$450,000, and bills have been introduced in the Legislature today to meet this recommendation.

Appointment to Board of Examiners of Certified Public Accountants

I hereby recommend the appointment of Mr Samuel D. Patterson of New York city as a member of the Board of Examiners of Certified Public Accountants for a period of one year from April 1, 1909.

Respectfully submitted

A handwritten signature in dark ink, appearing to read "J. S. D. Maper". The signature is written in a cursive style with a long horizontal flourish at the end.

Commissioner of Education

The Regents unanimously took the following action upon the communication of the Commissioner of Education and upon the recommendations made therein:

First:

On motion of Regent Sexton,

Voted, That the Board unite with the Commissioner of Education in appointing Mr Alfred W. Abrams Chief of the Division of Visual Instruction at a salary of \$3000 per annum to take effect April 1, 1909.

Second:

On motion of Regent Sexton,

Voted, That the other appointments and the promotions reported by the Commissioner of Education be approved and that the Board unite with him and with the heads of divisions in making such appointments and promotions and fixing the salaries as proposed.

Third:

On motion of Regent Shedden,

Voted, That the Board approves of the plan presented by the Commissioner of Education for a complete rewriting of the Education Law, looking toward a re-enactment, and that the Commissioner of Education be requested to present the results of his work to the law committee before the annual meeting of the Board.

Fourth:

On motion of Regent Carpenter,

Voted, That section 359, subdivision *d* (1) of the Regents Revised Rules be amended as recommended by the Commissioner of Education.

Fifth:

On motion of Regent Beach,
Voted, That the issuance of the junior certificate for certified public accountants be discontinued.

Sixth:

On motion of Vice Chancellor McKelway,
Voted, That the New York State medical license of Edward E. Conrad be revoked and that his registration in New York county be annulled.

Seventh:

On motion of Regent Sexton,
Voted, That the New York State medical license of Robert Ormsby be revoked and that his registration in New York county be annulled.

Eighth:

On motion of Regent Vander Veer,
Voted, That the application of Veranus A. Moore for admission to medical practice under the provisions of section 10, chapter 344 of the laws of 1907, be denied.

Ninth:

On motion of Regent Vander Veer,
Voted, That the application of Antinino Maimone for permission to practise medicine in the State of New York be denied.

Tenth:

On motion of Regent Vander Veer,
Voted, That the application of Edson H. Lutze, W. W. Brown, Fred R. Meeks and W. H. Spicer for the antedating of their preliminary medical certificates be denied.

Eleventh:

On motion of Regent Vander Veer,
Voted, That the petition for the recognition of their diplomas from certain graduates of the Old Physio Medical College and Platen Institute be denied.

Twelfth:

On motion of Regent Lauterbach,
Voted, That the Staten Island Academy be deemed to have met all requirements of section 31 of the Regents Revised Rules for an appropriation from the academic fund.

Thirteenth:

On motion of Regent Sexton,
Voted, That the Commissioner of Education be requested to signify to the members of the committee on ways and means of the United States House of Representatives and to the Senators and Members of Congress, from New York that the Board of Regents very earnestly desires that, in the revision of the tariffs upon imports, all books and other printed matter admitted to the United States from foreign countries shall be admitted free from customs duties.

Fourteenth:

On motion of Regent Philbin,
Voted, That the institutions named in the list submitted by the Commissioner of Education be registered as maintaining approved and proper standards.

Fifteenth:

On motion of Regent Smith,
Voted, That Mr Samuel D. Patterson of New York city be appointed a member of the Board of Examiners of Certified Public Accountants for a period of one year from April 1, 1909.

REPORT OF CHARTER COMMITTEE

Regent Sexton as chairman of the charter committee presented its report and recommendations, upon which the following action was taken:

Charters granted

Pember Library and Museum. *Voted,* That upon the application of George S. Beckwith, Fred W. Hewitt, Azuba L. Temple, Franklin T. Pember, Ebenezer L. Williams, Lucina W. Everts, Mary H. Norton, Willis A. Tenney and James E. Hall, a charter be granted incorporating them and their successors as a free public library under the corporate name of Pember Library and Museum, to be located in the village of Granville, Washington co., N. Y., with nine trustees to be at first the persons named as incorporators to hold in the order of their naming three for one year, three for two years and three for three years, and their successors to hold for terms of three years to be elected three each year by the trustees of the village of Granville.

Tappan-SpaULDING Memorial Library. *Voted,* That a charter be granted incorporating Robert C. Smith, Phebe Walworth,

Michael Monigan, Minnie C. Knapp and Henry C. Ball and their successors as a free public library under the corporate name of Tappan-Spaulling Memorial Library, to be located in the village of Newark Valley, Tioga co., N. Y., with five trustees to be at first the persons named as incorporators, who were also elected therefor at the annual election in the said village on March 16, 1909, to hold for, respectively, one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by the electors of the village of Newark Valley.

Ticonderoga Historical Society. *Voted,* That a charter be granted incorporating as an historical society, William A. E. Cummings, George B. Bascom, Walter W. Richards, James A. Malaney, Mortimer Y. Ferris, Alturs B. Adkins, William I. Higgins, Joseph T. Weed, Thomas E. Warren, Frank B. Wickes, David Williams, Horace A. Moses, Irving C. Newton, Clayton H. DeLano and John E. Milholland and their associates and successors, under the corporate name of Ticonderoga Historical Society, to be located at Ticonderoga, N. Y., with 15 trustees to be at first the persons named as incorporators to hold till the first annual meeting of the corporation, on the last Monday of August, at which a board of trustees shall be elected to hold three for one year, three for two years, three for three years, three for four years and three for five years, and their successors to hold for terms of five years to be elected three each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide.

Lockport City Hospital Training School for Nurses. *Voted,* That upon the application of George H. Minard, William G. Spalding, B. M. Hutcheson, James R. Compton, Robert M. Hopkins, John L. Smith, J. A. Lewis, Fred Crofut and H. A. Geoghegan, a charter be granted incorporating them and their associates and successors as a training school for nurses under the corporate name of Lockport City Hospital Training School for Nurses, to be located at Lockport, N. Y., with nine trustees to be at first the persons named as incorporators to hold in the order of their naming three for one year, three for two years and three for three years, and their successors to hold for terms of three years to be elected three each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms, as it, or its trustees by its authority, shall by general rules provide.

Provisional charters granted

Chamberlain Military Institute. *Voted,* That upon the application of James E. Dunn, Laura V. Dunn, Edson F. Edmonds, Frank A. Abbott and Charles H. A. Wannenwetsch, a provisional charter be granted incorporating them and their associates and successors as an academy under the corporate name of Chamberlain Military Institute, to be located in the village of Randolph, N. Y., with five trustees, to be at first the named incorporators to hold until their successors, who may be salaried employees of the corporation, shall be chosen by its shareholders at such time or times as their bylaws shall provide; with power to the corporation to have a capital stock of \$50,000, of which such proportions may be common and preferred stock and be issued in such denominations and upon such terms as the trustees shall determine, and upon which may be distributed to the holders thereof dividends or shares of the surplus profits of the corporation; and that this provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$5000 of net resources and equipment suitable for its chartered purposes and be maintaining, to the satisfaction of the Regents, a school of approved academic grade.

Antwerp Free Library. *Voted,* That upon the application of Duane W. Fuller, Ardelle S. Nutting, Eva S. Devoe, Burritt B. Johnson, Leila M. Hutchens, Albert Hoyt and Willard S. Augsbury, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of Antwerp Free Library, to be located at Antwerp, Jefferson co., N. Y., with seven trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four, five, six and seven years, and their successors to hold for terms of seven years to be elected one each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Castleton Public Library. *Voted,* That upon the application of John W. Dobbin, Christian Peter, Harvey H. G. Ingalls, Thomas

F. Clifford, Arthur C. Cheney and James Rose, a provisional charter be granted incorporating them and Seth Wheeler and their successors as a free public library under the corporate name of Castleton Public Library, to be located at Castleton, Rensselaer co., N. Y., with seven trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four, five, six and seven years, and their successors to hold for terms of seven years to be elected one each year by the trustees of the village of Castleton; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

East Hounsfield Free Library. *Voted,* That upon the application of Harry A. L. Potter, Frank B. Taylor, Burt J. Ives, Claude B. Alverson and Flora Cleveland, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of East Hounsfield Free Library, to be located at East Hounsfield, Jefferson co., N. Y., with five trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

New Paltz Free Library. *Voted,* That upon the application of June Bliss, Katherine E. Hasbrouck, Laura M. DuBois, Mary S. Vanderlyn, Elizabeth A. Le Fevre, Magdalene L. F. Eltinge and Lanetta E. DuBois, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of New Paltz Free Library, to be located at New Paltz, Ulster co., N. Y., with seven trustees to be at first the persons named as incorporators to hold till the annual meeting of the library on the first Monday of June 1909, at which time five trustees shall be elected as their successors to hold for, respectively, one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by

the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Oaks Corners Book Club Free Library. *Voted,* That upon the application of Nathan Oaks, Chester Mickelsen, Frances B. Doolittle, William H. Doolittle and George F. Cook, a provisional charter be granted incorporating them and their associates and successors as a free public library under the corporate name of Oaks Corners Book Club Free Library, to be located at Oaks Corners, Ontario co., N. Y., with five trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four and five years, and their successors to hold for terms of five years to be elected one each year by members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Stony Brook Free Library. *Voted,* That upon the application of Henrietta Shipman, Charles E. Jayne, Elias E. Topping, Sarah A. Powell, Sophie W. Darling, Ralph M. Sammis and Etta Sherry, a provisional charter be granted, incorporating them and S. Josephine Langstaff and their associates and successors as a free public library under the corporate name of Stony Brook Free Library to be located at Stony Brook, Suffolk co., N. Y., with eight trustees to be at first the persons named as incorporators to hold in the order of their naming two for one year, two for two years, two for three years and two for four years, and their successors to hold for terms of four years to be elected two each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide; and that such provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$1000 worth of property available for its use and support and be maintaining, to the satisfaction of the Regents, a library of proper standard.

Provisional charters replaced by absolute charters

Staten Island Academy. *Voted,* That the Staten Island Academy, provisionally incorporated March 12, 1908, having sufficiently met the conditions required therefor, an absolute charter be granted to replace its provisional charter.

Bay Shore Free Library. *Voted,* That the Bay Shore Free Library, provisionally incorporated December 19, 1901, having sufficiently met the conditions required therefor, an absolute charter be granted to replace its provisional charter.

Geneva Free Library. *Voted,* That the Geneva Free Library, provisionally incorporated June 28, 1905, having sufficiently met the conditions required therefor, an absolute charter be granted to replace its provisional charter.

Richfield Springs Public Library. *Voted,* That the Richfield Springs Public Library, provisionally incorporated June 26, 1899, having sufficiently met the conditions required therefor, an absolute charter be granted to replace its provisional charter.

Amendment of charter

Bainbridge Free Library. *Voted,* That upon the unanimous request of its trustees, voted at their meeting of January 2, 1909, at which all of the trustees were present, the provisional charter of Bainbridge Free Library, which was granted by the Regents of the University on March 12, 1908, be amended to provide that the terms of its present five trustees shall expire at the time of the next annual meeting of the corporation; that the number of trustees be then increased to nine to be elected at that meeting to hold three for one year, three for two years and three for three years, and their successors to hold for terms of three years to be elected three each year.

Dissolution of corporation

Lake George Free Library. The trustees of the Lake George Free Library, which was incorporated by the Regents February 28, 1895, having, in pursuance of their unanimous vote at their meeting of March 16, 1909, at which all of the trustees were present, applied to the Regents for the dissolution of their corporation, and it appearing to the satisfaction of the Regents that the corporation has no debts and no property, upon the recommendation of the charter committee it was

Voted, That, sufficient cause therefor having been shown to the Regents, it be and is hereby adjudged and decreed that the said corporation, the Lake George Free Library, be and is hereby dissolved and its corporate powers and existence terminated, and that an instrument embodying this record and action be executed by and in behalf of this Board of Regents under their seal and attested by the official signature of the Chancellor, or Vice Chancellor, and of the Commissioner of Education, and recorded in the office of the Regents, and that a certified copy thereof be served upon the secretary of the said corporation.

Amendment of Elmira College charter

Elmira College. The committee reported favorably upon the application of Elmira College for the amendment of its charter as expressed in the following provisions:

a There shall be a board of trustees of 19 who shall be hereafter self-perpetuating.

b They shall be divided into three classes, two of six, and one of seven persons.

c The first class shall consist of the following, whose term of office shall expire at the annual meeting, June 1911: Elmer Dean, Elmira, N. Y., Mrs Howard Elmer, Waverly, N. Y., William S. Truman, Owego, N. Y., F. M. Howell, Elmira, N. Y., Arthur Clinton, Elmira, N. Y. and Alexander Davidson, Hornell, N. Y.

The second class shall consist of the following, whose term of office shall expire at the annual meeting June 1912: Ray Tompkins, Elmira, N. Y., Herman A. Carmer, Seneca Falls, N. Y., Henry G. Merriman, Waverly, N. Y., David J. Burrell, New York, N. Y., John Brand, Elmira, N. Y. and Mrs Helen B. Turner, Elmira, N. Y.

The third class shall consist of the following, whose term of office shall expire at the annual meeting June 1913: William Thompson, New York, N. Y., Hubert C. Mandeville, Elmira, N. Y., Alexander Davidson, Canandaigua, N. Y., H. Austin Clark, Owego, N. Y., Mrs Rufus S. Frost, Corning, N. Y., Mallory D. Schoonmaker, Waterford, N. Y. and A. Cameron MacKenzie, Elmira, N. Y.

d An annual meeting shall be held in June of each year.

e At the expiration of each of the above terms, these or other persons shall be elected to serve for a term of five years, or until their successors be appointed.

f In the event of a vacancy occurring previous to the expiration of a term for which a trustee has been elected, it may be filled at the next regularly called meeting by a majority vote of the members of the board present.

g Any trustee who shall have been absent from three consecutive annual meetings shall cease to be a trustee, but may be reelected if the board thinks best.

h Not more than eight persons from within the county of Chemung shall be members of the board at any one time.

i A majority of the members of the board shall constitute a quorum.

j An executive committee from the board of trustees, consisting of eight members, shall be elected at the annual meeting each year.

Upon such report and the further recommendation of the committee, it was

Voted, That the Commissioner of Education be authorized and requested to mail to the usual address of each trustee of Elmira College, at least 30 days prior to the next meeting of the Board, notice that at such meeting a hearing will be given, at which will be considered any objections to the proposed amendment of the charter of the said college; and that the notices for the next meeting of the Regents shall specify that action is to be taken at such meeting on the proposed change in the charter of Elmira College.

Academies admitted

Voted, That the following institutions be admitted to the University as schools of academic grade:

The academic department of union free school district no. 5 of the town of Rotterdam, Schenectady co., to be known as Rotterdam Union School.

And the academic department of union free school district no. 5 of the town of Shawangunk, Ulster co., to be known as Wallkill Union School.

Academies dropped

It appearing that academic instruction has been discontinued therein, it was

Voted, That Hogansburg Academy, Cary Collegiate Seminary of Oakfield, St Philomena's School of Brushton, St Brigid's Academy of 315 E. 10th st., New York city, and the Barlow School of Industrial Arts of Binghamton, be dropped from the University roll.

Registration of business school

Voted, That Woods Business School, of Brooklyn, N. Y., be registered as giving approved instruction as a business school.

Registration of libraries

Voted, That in compliance with the request of the trustees in each case, the following libraries, each of which has been found on official inspection to be meeting the requirements of the Regents be registered as maintaining a proper standard:

Bainbridge Free Library	New York Public Library, 115th
Brooklyn Public Library, Leonard branch	St. branch
Caldwell-Lake George Library	Farmers' Library Company of
Genesee Library, at Little Genesee	the Town of Ogden, at Spencerport
Pember Library and Museum, at Granville	Stony Brook Free Library
New York Public Library, Morrisania branch	White Plains Public Library
	Sunshine Hall Library, at El-dred, N. Y.

Special grants to libraries

Voted, That a grant of \$100 be made to each, the Antwerp Free Library and the Castleton Public Library, a grant of \$50 to the New Paltz Free Library, and a grant of \$25 to each, the East Hounsfield Free Library and the Oaks Corners Book Club Free Library, if an equal amount be otherwise provided in each case before June 1, 1909, and the purposes for which the money will be used be approved by the Commissioner of Education.

Transfers of library property

Granville Free Library. *Voted,* That the Regents approve the vote of February 12, 1909, of the trustees of the Granville Free Library, incorporated by the Regents May 8, 1902, transferring the books and other property therein described to the Pember Library and Museum, this day incorporated by the Regents.

Lake George Free Library. *Voted,* That the Regents approve the vote of April 24, 1908, of the trustees of the Lake George Free Library, incorporated by the Regents February 28, 1895, transferring the books and other property therein described to the Caldwell-Lake George Library, incorporated by the Regents April 26, 1906.

Newark Valley Public Library. *Voted*, That the Regents approve the vote of November 9, 1908, of the trustees of the Newark Valley Public Library, incorporated by the Regents May 8, 1902, transferring the books and other property therein described to the Tappan-Spaulling Memorial Library, this day incorporated by the Regents.

Pending applications

The applications for incorporation of the Rochester School of Optometry, the American Institute of Law, and the Modern System Correspondence School Co. after some consideration, were referred back to the charter committee for further investigation and report.

Amendments of the Regents Revised Rules

The attention of the Regents having been called anew to the fact that the term "limited charter," as heretofore used in their rules and practice, has often been misunderstood, and it being realized that such charters are so seldom appropriate for any act of incorporation by them as to make unnecessary a general rule therefor; and it being thought desirable that there should be a rule directing the manner of evidencing the action of the Board in granting charters, making decrees, etc., it was recommended by the charter committee that section 20, referring to limited charters, be abrogated and replaced by the indicated more needed rule, and,

On motion of Regent Sexton, it was

Voted, unanimously, That section 20 of the Regents Revised Rules be repealed and in its place a new section 20 be hereby enacted to read as follows:

§ 20 **Execution of charters, decrees and certificates.** *The action of the Board of Regents in incorporating institutions, changing their corporate names, altering, suspending or revoking their charters, dissolving their corporate existence, approving transfers of their property, the approval of the acceptance of conditional gifts, and all action of the Board obviously requiring such suitable exemplifying, shall, in addition to the record made in the journal of their proceedings, be evidenced by charters, decrees, certificates, or other appropriate instruments, which shall embody the said record of their journal, be executed by and in behalf of the Board of Regents under the seal of the University, which is hereby declared to be the seal of such Board, be attested by the official signature of the Chancellor, or Vice Chancellor, and of the Commis-*

sioner of Education, and be recorded in the office of the Regents in their permanent public records.

On motion of Regent Sexton,

Voted, unanimously, That subdivision a of section 23 of the Regents Revised Rules be amended to read as follows:

§ 23 **Registration.** *a If it appears that it maintains approved standards of equipment and instruction, and possesses resources at least equivalent to those prescribed by the laws of this State, a college, university, or professional school may be registered by the Board of Regents for the purpose of having its work recognized for professional licenses and for University certificates; and other schools and educational institutions may be registered to such extent, for such purposes and on such conditions as the Regents shall prescribe. Admission to or continuance on the roll of registration shall depend upon furnishing all information requested and meeting the expense of such inspection as the Commissioner of Education shall deem advisable.*

On motion of Regent Sexton,

Voted, unanimously, That section 38 of the Regents Revised Rules be amended to read as follows:

§ 38 **Conditions.** *Circulating libraries and reference libraries, free to the public, maintaining required standards and registered by the University, may receive annually, so far as the fund permits, allotments equal to the money raised by them from other sources. But no allotment shall exceed \$200 or be made for less than \$5. Allotments may be made to a branch library containing not less than 1000 volumes after it has been inspected and registered.*

REPORT OF COMMITTEE ON EXAMINATIONS

At the meeting of the Board on December 10, 1908, a communication from Mr Joseph Barondess, concerning the recognition by the Board of the Hebrew language among ancient languages, was referred to the committee on examinations for consideration and future report. Upon favorable report of the committee and on motion of Regent Lauterbach, it was

Voted, That the Education Department prepare and offer two examination papers on the Hebrew language; the first paper to cover the elements of Hebrew grammar, or one year's work, to be assigned five counts; the second paper to cover the Psalms of David, and to give five counts.

At the meeting of the Board on December 10, 1908, a communication from Mr John R. Loomis, president of the New York State

Society of Certified Public Accountants, recommending the adoption and establishment of educational and professional equivalents in connection with the C.P.A. degree, was referred to the committee on examinations for consideration and future report.

Regent Lauterbach reported that upon full consideration the committee did not favor the recommendations, and upon his motion it was

Voted, That the Board does not approve of establishing such educational and professional equivalents.

REPORT OF COMMITTEE ON HIGHER EDUCATION

At the meeting of the Board on December 10, 1908, the question of combined academic and medical courses and the conferring of degrees upon the completion of the same, was referred to the committee on higher education for consideration and future report. Regent Vander Veer reported that the committee had given the question full consideration, and upon recommendation of the committee the following action was taken:

Voted, That section 23, subdivision *e* of the Regents Revised Rules as amended December 21, 1907, and March 12, 1908, be further amended to read as follows:

e A college or university may be registered as maintaining a satisfactory standing for one full year of medicine when the combined course for the baccalaureate and medical degrees is not less than seven years; and a university maintaining a registered medical school may be registered as maintaining a satisfactory standing if it shall confer academic degrees and medical degrees as a result of a combined course covering six years, provided the diploma conferring the academic degree, whether it be conferred at the end of four years or at the end of six years, shall clearly indicate that such degree is conferred as the result of concurrent courses covering six years; but this must in no case be construed to mean that less than four years work in subjects essential to a liberal education will be approved as the basis of the academic degree.

APPOINTMENT OF ADVISORY COUNCILS

The Vice Chancellor announced the appointment of persons as members of the several advisory councils as follows:

Convocation Council. Professor George P. Bristol, Cornell University, for the term of five years from October 1908, to fill vacancy caused by the expiration of his own term.

College Council. President Rush Rhees, University of Rochester, for the term of two years from October 1908, to fill vacancy

caused by the death of President George E. Merrill, of Colgate University.

Rev. Brother Peter, Manhattan College, for three years from October 1908, to fill vacancy caused by resignation of Rev. Brother Edward, Manhattan College.

Chancellor James R. Day, Syracuse University, for five years from October 1908, to fill vacancy caused by the expiration of his own term.

Academic Council. Principal W. B. Gunnison, of Erasmus Hall High School, Brooklyn, for five years from October 1908, to fill vacancy caused by the expiration of his own term.

Library Council. Arthur E. Bostwick, librarian New York Public Library, for five years from October 1908, to fill vacancy caused by the expiration of his own term.

Medical Council. Dr Royal S. Copeland, New York Homeopathic Medical College and Flower Hospital, New York city, for two years from October 1908, to fill vacancy caused by the resignation of Dr William N. King, New York Homeopathic Medical College and Flower Hospital, New York city.

Dr Samuel W. Lambert, Columbia University, College of Physicians and Surgeons, New York city, for five years from October 1908, to fill vacancy caused by the expiration of his own term.

REPORT OF THE FINANCE COMMITTEE

Regent Beach as chairman of the finance committee presented the following letter and certificate relating to the books, accounts, deposits etc. of the Department up to and including March 31, 1909.

National Commercial Bank

Albany, N. Y., March 31, 1909

Hon. Andrew S. Draper
Commissioner of Education
Albany, N. Y.

DEAR SIR: We beg to inform you that the balance on our books at the close of business March 31st, 1909, to the credit of the New York State Education Department, was \$19,290.48.

Yours very truly

W. W. BATCHELDER.

Asst. Cashier.

STATE OF NEW YORK }
COUNTY OF ALBANY } ss.

James A. Wendell, being duly sworn, deposes and says that he is the Assistant Warrant Clerk in the office of the State Comptroller at Albany, N. Y.; that pursuant to the request of the Commissioner

of Education of the State of New York he has made an examination of certain accounts in the Cashier's office of the Department of Education to and including March 31, 1909; that such examinations have consisted of a comparison of the receipts from fees and miscellaneous sources as shown in the petty cash book with the book of original entry, a comparison of deposits with the account of the National Commercial Bank, a verification of all footings affecting the petty cash receipts and disbursements, and a verification of the cash purporting to be on hand at the date of such examination; that he has found the books to be correct and the correct amount of cash on hand in the office, and the deposits to have been made with the National Commercial Bank as indicated by the office accounts.

Furthermore, he deposes and says that he has made a personal examination of all vouchers and pay rolls filed in the office of the State Comptroller for payments made during the said period ending March 31, 1909, from the appropriations for the Department of Education, and finds that such vouchers are all properly itemized and receipted and are for expenditures duly authorized by law.

JAMES A. WENDELL

Subscribed and sworn to before
me this 1st day of April, 1909

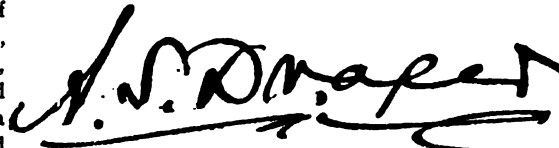
GEORGE R. KEHOE

Notary Public

Thereupon, on motion, the Board adjourned.

The foregoing minutes of the meeting of the Board of Regents, held April 1, 1909, were duly approved and confirmed at a meeting of said Board held June 17, 1909.

Attest



Commissioner of Education

**MEETING HELD AT THE EDUCATION DEPARTMENT IN
THE CAPITOL, ALBANY, JUNE 17, 1909**

The Board of Regents of the University of the State of New York met at the Education Department in the Capitol, Albany, at 10 a. m., June 17, 1909, pursuant to a call duly sent to each Regent as provided by law.

The meeting was called to order by Vice Chancellor McKelway. The following Regents were present: Vice Chancellor

McKelway, Daniel Beach, Pliny T. Sexton, T. Guilford Smith, Chester S. Lord, Albert Vander Veer, Edward Lauterbach, Eugene A. Philbin, Lucian L. Shedden and Francis M. Carpenter. The Commissioner of Education was also present.

The Commissioner of Education presented an excuse for absence from Regent William Nottingham, which was voted satisfactory.

APPROVAL OF THE MINUTES OF THE LAST MEETING

The minutes of the meeting of April 1, 1909, were duly approved.

RULE 64 SUSPENDED

On motion of Regent Sexton,

Voted, That rule 64 be suspended during the session, in so far as it may affect any unanimous action of the Board.

REMARKS UPON THE DEATH OF REGENT GARDINER

Vice Chancellor McKelway — My friends, a melancholy duty devolves on me at the beginning of our session today, the announcement to the Board of the death of one of our number, since our last meeting.

Regent Charles A. Gardiner died at his home in New York city on the 23d day of April, in the 54th year of his age. He had bravely contended with an illness of several weeks, but as he confidently expected to recover from it, he did not wish the fact of his prostration to be brought to the knowledge of his colleagues. The fact was therefore not brought to our attention until the news of the fatal termination of his malady. Only those of our number living near to him could be present at his funeral which occurred two days after his death.

I am certain, however, that the sorrow of all of us at his loss is as marked as was the shock of the sudden knowledge of the fact. He was a valuable and devoted member of our Board. That our records attest and our saddened memories affirm. His industry, fidelity and versatility of service were notable. His learning, public spirit and patriotism were manifest and admirable. He was a publicist, a constitutional authority, a jurist and a patriot, as well as a staunch upholder of the powers and prerogatives of our body. As a writer and a speaker he magnified the office the State conferred upon him, and vindicated the trust committed to his hands. An alumnus of Hamilton College and one of its trustees, a graduate of the Law School of the University of the

City of New York and one of its officers, he held those positions until his election as a Regent, and he acceded to his trust here with a knowledge of the educational system of the State which was very thorough, and helpful to us all. His eminence at the bar and the high appreciation in which he was held by the courts of the nation and of the states have been demonstrated by the honors paid to his memory. This is testimony to which we would add the declaration of our affection for him and of his for us, and our sense of grief because of his separation from our fellowship.

The Board would officially and tenderly assure his bereaved household and kindred of our sympathy with them in the loss his death brings to them and to us, and we would claim our share with them in the sorrow at his departure in the prime of his powers for usefulness to education, to statesmanship, and to jurisprudence.

Regent Lauterbach—I can not refrain from indulging in justifiable supererogation in adding a brief appreciation of the high character of Regent Gardiner to those that have been so feelingly and appositely uttered.

Our recognition should not be unrecorded of the great breadth of Regent Gardiner's learning, of his unselfish desire to transmit to others, and his self-sacrifice in the transmission, the result of his abundant and scholarly erudition. His many notable addresses, such as that delivered at the University Convocation, upon "High Schools" and that before the State Bar Association, upon the "Limitations of the Powers of the Federal Executive," far-reaching and comprehensive as they are and giving evidence of careful study, deep research and originality as they do, have left an enduring impression.

In consequence of his sterling character and industry Regent Gardiner had become preeminent at the bar and his fidelity to the interests intrusted to him, generally of the first magnitude, brought him the confidence and trust of his important clientele.

In the best and highest sense of the term he was a trustworthy and reliable lawyer, devoted adviser, an efficient organizer, and an able executive. The loss that we have sustained in no longer having the benefit of his advice and cooperation is shared by the community generally, which had learned to appreciate his sterling worth.

Regent Beach—I shall remember Regent Gardiner as a man of high ideals in educational matters, a zealous advocate for the

fullest privileges and broadest opportunities in education for all. While his theories and recommendations in that direction were somewhat radical, he was nevertheless professionally, and also as a Regent, a strict constructionist of the law, cautious and conservative in assuming authority, and therefore a safe and reliable counselor in all our deliberations.

Regent Philbin — Notwithstanding the very eloquent and just tribute paid by the acting Chancellor to our late distinguished colleague, I can not refrain from giving expression to a personal feeling of sorrow for the great loss that has been sustained in the decease of Regent Gardiner. This would seem especially appropriate in view of the fact that our being representatives from the same department of the State gave me the privilege of a more intimate acquaintance with him and a better opportunity to appreciate his interest in the work of this Board.

Regent Gardiner was both morally and intellectually honest. The former characteristic is happily not uncommon, but the latter is not so frequently possessed. Men are too prone, through weakness or love of peace, to abandon convictions based upon principle for doctrines of expediency. We should never be indifferent to the views of others or refuse to let them appeal successfully to our reason, but surely a man is not honest who adopts such views after a fair and unbiased scrutiny has convinced him of their error. Neither should we be deterred from an honest declaration of principle because it is likely to be unpopular or disputed.

Mr Gardiner's career was characterized by absolute fearlessness and frankness and he gave to the world many ideas fruitful in helpful philosophy and suggestive of higher civic development.

Such a mind was especially valuable in the great field of education and made our colleague peculiarly well fitted for the high office he held.

We must always retain an appreciation of his substantial service to the State, and of his helpful personality as a member of this Board.

Regent Shedden — My acquaintance with Regent Gardiner began with my service as a member of this Board and while it was not as long as that of the older members, during the time that it existed, I learned to honor and respect him, not alone as our relation upon this Board would demand, but by reason of his frank and social nature it had ripened into a somewhat more intimate acquaintance than those words would imply. Mr

Gardiner was born in the northern part of the State in Franklin county, and in that part of the county that has sent forth men who have attained eminence in the affairs of life, and while he had achieved success in the practice of his profession in the largest city of the nation and had reached a position of honor and renown therein, and had apparently solved the problem of life, yet I never met him that he did not inquire of the region in which he was born and reared, of those mutual acquaintances who were left behind. He seemed to hear the call of his early home and associations.

It was at the luncheon hour or between the sessions of the Board that the opportunity was afforded for these friendly and social greetings. I have spoken of these characteristics of Mr Gardiner for they impressed me at the time and when I learned of his untimely death I felt that not only the State had lost a faithful, able and conscientious servant, but each member of this Board a friend. Others have spoken of the eminent service which he has rendered to the State as a member of this Board, of his erudition, culture and devotion to duty, and were I to speak on the same subject I could only voice an expression that has been better made. I will only add a desire to express my own sense of a personal loss in the death of Mr Gardiner.

Regent Vander Veer—I first knew Mr Gardiner when a teacher in the Albany Academy, at that time having two sons in attendance there, both of whom were very much attached to him, and loved him as a friend and instructor. I was always pleased to note his interest in their later work, as evidenced by his frequent inquiries after he became a member of this Board, and his apparent affection for his former pupils. Regent Gardiner's prosperity and success did not win him away from his early associates, and I have ever looked upon him as an earnest, just, and unselfish man.

His brother was at one time a student, and, later, a graduate of the Albany Medical College, and I was always impressed with the kindly interest Regent Gardiner took in his welfare. I am sure he rendered him great assistance and always exhibited much affection when speaking of the doctor's success.

I can only add to what has already been said that Regent Gardiner left a kindly feeling with all with whom he came in contact, and we will miss his pleasant recognition and the faithful discharge of his official duties as a member of this Board.

Commissioner Draper — Regent Gardiner appealed to me in several ways. He was a hearty, cordial and sincere friend. His was the kind of friendship that was not afraid to give nor to receive criticism. He spoke his mind freely and honestly upon all questions. He was possessed of an exceedingly broad legal mind and differed in many respects from most good lawyers. He took an unusually liberal view of legal theory. His legal writings are conspicuous and, while they were occasionally upon untried ground, they were always learned and earnest, and time alone can tell whether or not we shall see the fruition of all his views. He was a singularly honest man and defended fearlessly and vigorously any trust committed to him. Always active as a Regent, he had a very large and liberal outlook educationally.

Remarks and motion of Regent Sexton

Mr Vice Chancellor: I desire to adopt the just and appropriate words spoken by yourself and others here today, as voicing my own regard for and grief because of the death of our beloved brother Regent, with whom from the beginning of our official relations I have had much happy association, the recollection of which will always be among my cherished memories, and I move, Mr Vice Chancellor, that your tribute to our departed brother, and the expressions of appreciation of him made by others on this occasion, be inscribed in the official journal of our meeting, and that there also be incorporated therewith a full page portrait of our dear friend, and that the Commissioner of Education, in his own and our behalf, be requested to send an engrossed and suitably bound copy of such memorial entries to Mrs Gardiner.

Regent Sexton's motion was adopted by a rising vote.

COMMUNICATION FROM THE COMMISSIONER OF EDUCATION

**State of New York
Education Department
COMMISSIONER'S ROOM
Albany, June 17, 1909**

To the Board of Regents:

I submit the following statements and suggestions concerning the business of the Department:

Appointments and promotions

Since the last meeting of the Board appointments, promotions and transfers have been made as follows:

Commissioner's Office

William L. Johnson, *Junior clerk*, promoted from \$600 to \$720 per annum

Examinations Division

Mrs Lina Arronet, *Examiner in modern languages*, \$720 per annum

Margaret M. Stewart, *Junior clerk*, promoted from \$480 to \$600 per annum

Inspections Division

Avery W. Skinner, *Inspector*, \$2500 per annum

State Library

Carl P. P. Vitz, *Director's assistant*, \$2100 per annum

John T. Fitzpatrick, *Assistant in sociology*, promoted from \$1200 to \$1500 per annum

Lucy E. Fay, *Reference assistant*, \$720 per annum

Adelaide Van Aernam, *Junior clerk*, promoted from \$480 to \$600 per annum

Frances L. Cregan, *Junior clerk*, \$360 per annum

Nora A. McGillicuddy, *Junior clerk*, \$360 per annum

Medical reciprocity with Delaware

I submit herewith a proposed agreement for reciprocity in the indorsement of medical licenses between the states of New York and Delaware, and recommend the registration of the Medical Council of the State of Delaware, such recommendation being based upon the agreement submitted:

AGREEMENT FOR RECIPROCITY IN THE INDORSEMENT OF MEDICAL LICENSES BETWEEN THE STATES OF NEW YORK AND DELAWARE

Agreement in effect

1 Basis. The basis on which reciprocity shall obtain between the states of New York and Delaware shall be a license earned on examination in either one of the states.

2 Forms. An applicant for indorsement of a medical license must present a written application in the form prescribed by the board to which such application is made, together with a certificate (credentials) from the officials of the state board of medical examiners which licensed him, showing that he has been duly licensed by such board and that at the time of such application for indorse-

ment he is a reputable practitioner of medicine and in good standing in the profession and in the community.

3 Procedure. When an applicant presents his application for indorsement to the board of one state, and such board has reasonable doubts of the qualifications of the applicant, either personally or professionally, said board shall return the certificate of the licensing board to the board which issued it, together with the reasons for such return, and ask for a reconsideration of the certification. The board of one state before granting an application for indorsement may require the applicant to present satisfactory evidence that he possesses all the qualifications required by law for the admission of a candidate to the medical examinations of that state; if an applicant fail to present such evidence, his application for indorsement shall be denied. Where an applicant presents a license issued prior to the establishment of reciprocity, the board to which the application is made may require for its consideration the original papers on which the license was granted, or a certified copy thereof. The original state license can only be indorsed by either board. No applications for other indorsements will be considered.

4 Date. Applicants licensed by Delaware and New York through examination subsequent to the date of this agreement may have their licenses indorsed in either state.

Applicants licensed on examination under lower requirements than those now existing in the two states may submit evidence of five years of reputable practice subsequent to the earning of their medical degree, which may be accepted in lieu of the preliminary and the first year of the professional requirements for the indorsement of their licenses.

5 General preliminary education. The preliminary education required for admission to medical schools shall be the same for both states. The certification of the education department of one state as to the standards maintained by secondary schools or high schools in that state shall be accepted by the other state. Where it appears to the satisfaction of the board of one state, after due inquiry, that the applicant did not have a preliminary education equivalent to that required by law for admission to the medical schools of that state, such board may refuse to grant the indorsement. The standards to be required of secondary schools without the states of New York and Delaware shall be fully equivalent to those required of the schools within those states, and the schools to be registered as maintaining such equivalent standards shall be determined by joint agreement between the Education Department of New York State and Delaware College, in accordance with a plan of procedure to be arranged by said Department and College. A credential presented from a school or college not upon the list agreed upon may be considered and the standing of such school or college determined temporarily until its status can be finally established by the Education Department and College.

6 Professional education. The standing of the medical schools of the two states shall be determined in New York by the Board

of Regents, and in Delaware by the Medical Council, and the registration thus determined by one shall be accepted in full by the other. The standing and the registration of all other medical schools shall be determined by joint agreement between the Board of Regents of the State of New York and the Medical Council of Delaware, and a definitive list of approved schools established, each state reserving the right of submitting evidence in reference to any institution either for removing it from or placing it on the approved list.

7 Examinations. Full faith and credit shall be given by the board of each state to the medical examinations held by the board of the other state.

8 Indorsement. Applications for license under this agreement shall be indorsed in New York State by the president and secretary of the Board of Examiners and by the Commissioner of Education, and in Delaware by the president and secretary of the Medical Council and the President of Delaware College.

This agreement of reciprocity in medical licensure, between the State of New York and the State of Delaware, in effect November 1, 1908, is entered upon by representatives of the Medical Council and Delaware College of the State of Delaware and of the State Board of Medical Examiners and the Regents of the University of the State of New York, to remain in force until rescinded by formal action under authority of chapter 344, Laws of 1907, State of New York, and section two of an act regulating the practice of medicine and surgery in the State of Delaware, 1895.

In witness whereof this agreement is signed, sealed and delivered in duplicate.

Representing the State of Delaware

CHARLES B. LORR, *Chief Justice of the State*
President of the Medical Council

HENRY W. BRIGGS, *Secretary of Medical Council*

GEORGE A. HARTER, *President of Delaware College*

For the State of New York

A. S. DRAPER, *Commissioner of Education*

For the State Board of Medical Examiners

WILLIAM WARREN POTTER, *President*

MAURICE J. LEWIS, *Secretary*

Revocation of medical license of Francis Gray Blinn

I transmit the report of a committee appointed by the State Board of Medical Examiners to investigate charges preferred by the Medical Society of the County of New York against Francis Gray Blinn, which report sets forth that the said Blinn has been duly convicted in a court of competent jurisdiction of the crime of attempted abortion, and is an unfit person to practise medicine in this State, and recommends that his license to practise medicine be revoked by the Board of Regents, and I so advise.

Appointments to the State Board of Medical Examiners

The terms of Dr Floyd Crandall of New York city, Dr W. S. Ely of Rochester, Dr Eugene Beach of Gloversville, members of the State Board of Medical Examiners, expire August 1, 1909.

The Board of Regents will recall a general discussion had in the Board last fall with reference to the desirability of introducing some new members, who, while having become thoroughly successful and somewhat conspicuous in the medical profession, would, at the same time, represent very distinctly the later theories, experiences, tendencies, and outlook of that great profession. It was tacitly agreed that an effort in this direction should be made, and I was asked to endeavor to find the men whose appointment would accomplish the end desired, and to procure their consent to serve on the Board.

The failure to reappoint members of the board should, of course, not be held to reflect upon them in the slightest degree. Each of the present incumbents is a man of solid worth, well known to the medical profession and measurably known in the State. The Board should, however, contain at least one successful surgeon, which at present it does not, and it should have several members who have either been trained or have been training others in the sciences fundamental to the medical profession in the last 20 or 25 years, within which time it may be said that a really scientific basis for the medical profession has been found.

Up to the time of the medical practice act, one who was a teacher in an institution was barred from appointment to this Board, whereas the real fact was, and is, that those who by training and work are best adapted to membership in the board are teachers in medical institutions. The medical practice act changed the policy, and does not bar the appointment of physicians or surgeons who are associated with the faculty of some one of the medical institutions.

Aside from all questions of this character, it seems to me that the Board of Regents ought freely to make changes in the different boards of examiners whenever it may appear to contribute to the efficiency of the board to do so, or that a change in personnel, for any reason whatever, may be desirable, and without any thought that such a change reflects upon the person not reappointed.

After going very thoroughly over the whole matter during the winter, I have come to the conclusion to recommend the reappointment of Dr William S. Ely of Rochester, and to advise the new

appointment of Dr Willis G. Macdonald of Albany, and of Dr William H. Park of New York city, for three years from August 1, 1909.

The new men are each 46 years of age; each has already attained distinction in his profession; each is modernly educated, has traveled widely, is a teacher and investigator as well as a practitioner of reputation, and each is a forceful character, very keenly concerned about uplifting the standards of the medical profession. Each has consented to serve if appointed.

Dr Macdonald is a native of Schoharie county, a graduate of the Normal College in 1882; of the Albany Medical College in 1887; matriculant of the University of Berlin, medical department, 1889-90; resident surgeon of the Albany Hospital 1887-88; assistant and attending surgeon, Albany Hospital, since 1891; lecturer on surgery, Albany Medical College, 1892; now professor of surgery in that institution. He is a member of the International Society of Surgeons; the American Surgical Association; the American Medical Association; the Southern Surgical Association; a former president of the New York State Medical Society; a member of the New York State Tuberculosis Commission; president of the board of managers of the New York State Hospital for treatment of incipient tuberculosis at Raybrook; chief surgeon of the United States Volunteers in the Spanish-American War, being in charge of the United States General Surgical Hospital at Fort Ferguson, Ga. He has just received the honorary degree of doctor of laws from Fordham University in New York city, and the degree of A.M. from Brown University.

Dr Park is a native of New York city; a graduate of the College of the City of New York in 1883; College of Physicians and Surgeons, Columbia University, 1886; was an interne in the Roosevelt Hospital from 1887-88; is now professor of bacteriology and hygiene in New York University and Bellevue Hospital (medical college); is also director of the research laboratories of the Department of Health of the City of New York, which position he has held since 1895; he is a member of the Association of American Physicians; the American Association of Pathologists and Bacteriologists; of New York Academy of Medicine; of the Pathological Society; of the American Public Health Society. He is also a member of the Century and University Clubs of New York city, and is the author of the standard work *Pathogenic Micro-organism*.

Appointments to Board of Examiners in Optometry

In accordance with section 2, chapter 460, of the laws of 1908, the Board of Examiners in Optometry were appointed, one for three years, two for two years, and two for one year, to begin July 1, 1908. The terms of Herbert C. Watts of Syracuse, and Frank B. Marchant of Brooklyn, who were appointed for one year, will expire on July 1st next, and I recommend that they be reappointed, each to serve for the full term of three years, beginning July 1, 1909.

Appointments of dental examiners

I transmit the nominations of dental examiners by the Dental Society of the State of New York, as follows:

First judicial district: William C. Deane, New York city; S. G. Perry, New York city;

Third judicial district: A. M. Wright, Troy; J. W. Canaday, Albany.

The present representatives from these districts are William C. Deane of New York city, and A. M. Wright of Troy, and I recommend that they be reappointed for the term of four years from August 1, 1909, pursuant to chapter 215, laws of 1901.

Appointment to the State Board of Nurse Examiners

A vacancy occurs in the State Board of Nurse Examiners through the expiration of the term of Miss Lina Lightbourn, of Syracuse, N. Y. Miss Lightbourn was appointed by the Board at the meeting of October 22, 1908, upon the nomination of the State Nurses Association, to fill the vacancy caused by the death of L. Bissell Sanford, and so far as I can learn has met all expectations. I therefore recommend that she be appointed to succeed herself for a full term of five years from August 1, 1909.

Appointments to Board of Examiners of Certified Public Accountants

I recommend that Henry A. Niles and Homer A. Dunn, both of New York city, be appointed to succeed themselves as members of the Board of Examiners of Certified Public Accountants, for a term of one year from August 1, 1909.

College entrance certificates

It will be recalled by the Board that at the meeting held on October 17, 1907, we determined upon the issuance of a certificate based upon high standards in our academic examinations, which would be adequate for admission to the colleges and universities.

This became practically necessary by reason of the numbers going from the public academies and high schools to the colleges, and who were dependent for admission upon an examination held by voluntary association of the colleges and universities. Our academic examinations and those held by this voluntary board were so much in conflict in our territory that it became quite apparent that we must take the course we did, or else expect our own system to suffer. Of course the success of our own movement depended upon the number of colleges and universities which would accept our college entrance certificate. I am glad to say that the responses from the colleges and universities have been extremely cordial. The following 39 colleges and universities have expressed to the Department their willingness to accept our credentials for admission. A very considerable number of other colleges and universities are considering the advisability of accepting these certificates, but have not yet come to definite action through their faculties or boards of trustees.

Name of college	Location	President
Adelphi College.....	Brooklyn, N. Y.....	Charles H. Levermore Ph.D.
Alfred University.....	Alfred, N. Y.....	Boothe C. Davis Ph.D. D.D.
Amherst College.....	Amherst, Mass.....	George Harris LL.D.
Bates College.....	Lewiston, Me.....	George C. Chase D.D. LL.D.
Boston University.....	Boston, Mass.....	William E. Huntington LL.D.
Canisius College.....	Buffalo, N. Y.....	Rev. Augustine A. Miller S.J.
Colgate University.....	Hamilton, N. Y.....	William H. Crawshaw (acting)
College of the City of N. Y..	New York, N. Y.....	John H. Finley LL.D.
College of St Francis Xavier..	New York, N. Y.....	Rev. Thomas J. McCluskey S.J.
Columbia University.....	New York, N. Y.....	Nicholas Murray Butler LL.D.
Cornell University.....	Ithaca, N. Y.....	Jacob Gould Schurman LL.D.
Dartmouth College.....	Hanover, N. H.....	William J. Tucker D.D. LL.D.
Elmira College.....	Elmira, N. Y.....	A. Cameron MacKenzie D.D. LL.D.
Fordham University.....	New York, N. Y.....	Rev. Daniel J. Quinn S.J.
Franklin & Marshall College..	Lancaster, Pa.....	John S. Stahr D.D. LL.D.
Hamilton College.....	Clinton, N. Y.....	M. Woolsey Stryker D.D. LL.D.
Holy Cross College.....	Worcester, Mass.....	Rev. Thomas E. Murphy S.J.
Keuka College.....	Keuka Park, N. Y.....	Zephaniah A. Space D.D.
Manhattan College.....	New York, N. Y.....	Rev. Brother Jerome
Middlebury College.....	Middlebury, Vt.....	John M. Thomas D.D.
New York State Normal Coll..	Albany, N. Y.....	William J. Milne Ph.D. LL.D.
New York University.....	New York, N. Y.....	Henry M. MacCracken LL.D.
Normal College of the City of New York.....	New York, N. Y.....	George S. Davis LL.D.
Polytechnic Institute.....	Brooklyn, N. Y.....	Frederick W. Atkinson Ph.D.
Rensselaer Polytechnic Institute	Troy, N. Y.....	Palmer E. Ricketts C.E.
St Bonaventure's College.....	Allegany, N. Y.....	Rev. Joseph F. Butler
St Francis College.....	Brooklyn, N. Y.....	Brother Vincent
St Lawrence University.....	Canton, N. Y.....	Almon Gunnison LL.D.
St Stephen's College.....	Annandale, N. Y.....	George B. Hopson D.D.
Simmons College.....	Boston, Mass.....	Henry Lefavour Ph.D. LL.D.
Swarthmore College.....	Swarthmore, Pa.....	Joseph Swain M.S. LL.D.
Trinity College.....	Hartford, Ct.....	Flavel S. Luther Ph.D. LL.D.
Tufts College.....	Medford, Mass.....	Frederick W. Hamilton D.D. LL.D.
Union University.....	Schenectady, N. Y.....	Charles A. Richmond D.D.
University of Maine.....	Orono, Me.....	George E. Fellows Ph.D. LL.D.
University of Pennsylvania.....	Philadelphia, Pa.....	Charles C. Harrison LL.D.
Wesleyan University.....	Middletown, Ct.....	William A. Shanklin D.D.
Williams College.....	Williamstown, Mass.....	Harry A. Garfield LL.D.
Worcester Polytechnic Institute.	Worcester, Mass.....	Edmund A. Engler Ph.D. LL.D.

Examination frauds in New York city

For perhaps a year the officers of the Department have had reason to believe that there was something like an organized system for perpetrating frauds in the academic and professional examinations in the city of New York. This has been done by the surreptitious sale of examination papers prior to the time for holding the examination, or by a person who could pass the examination impersonating one who might not be able to do so. Every effort has been made to assure the integrity of the examinations and to ferret out and punish frauds. In our efforts we have had the cordial cooperation of the district attorney's office. One man who had obtained and sold the papers in advance of the examination was convicted and sentenced to a year in prison. A second who had received a certificate through the impersonation of another man was fined \$500. A third person pleaded guilty in court and was fined \$50. A fourth has been indicted and it is expected will soon be tried. One leading offender has fled the jurisdiction. On last Saturday I sent a force of inspectors to New York in sufficient number to examine all the question papers, which had been forwarded a week earlier in anticipation of the examination that is in progress this week. All of the question papers were found intact.

A considerable number of professional students believed to have obtained credentials by fraud have been served with orders to appear before me and show cause why such credentials should not be canceled. A portion of these orders have already been returned to me, and in two cases, those of Charles Otto Hoehn and Walter E. Burns, the students have admitted that they obtained their certificates through fraud, and asked for the clemency of the Department. I have entered orders canceling the tainted credentials, but have assured the students that in view of their telling me the truth about it I would recommend to the Board of Regents that they be allowed to enter a Regents examination and be granted such certificates as they honestly earn. The action of the Board of Regents is required in order to permit them to enter an examination, and I therefore recommend that the Board grant permission. Even if so much is allowed, and if they should gain the necessary preliminary certificate, they will have to continue their course in dentistry for at least two years before regaining their present standing.

Legislation

There were not many new educational laws resulting from the action of the recent session of the Legislature. The Department

asked for little in the way of legislation, but was sufficiently occupied in preventing what seemed to me to be undesirable legislation.

An amendment to the Education Law, reducing the compulsory attendance age from eight to seven years in cities and villages having a superintendent of schools, was asked for and secured.

Provision for a new building for the Oswego Normal School was also asked for and secured.

Several bills appeared in the Legislature calculated to put this or that occupation upon a professional footing through the creation of examiners to be appointed by the Board of Regents, and licenses or certificates issued by the Education Department. For example there were two bills concerning pharmacy, one of which, in a very imperfect form, reached the Governor and was submitted to me for recommendation. I advised that the bill be vetoed, on the general ground that no more responsibility for examinations and certificates of this nature should be placed upon the Board of Regents unless it was clear that the occupation was more educational than commercial, and was justly deserving of recognition as a profession rather than as a vocation. I stated to the Governor that neither I, nor, as I understood it, the Board of Regents, thought it good policy to go further in the direction indicated, except with discrimination and extreme conservatism, and that the Department *could* not go further without enlarged provision for handling its business, as we were already taxed beyond our capacity for handling work. I also took the ground that hereafter when the Board of Regents was authorized to make appointments, it should be given the absolutely free choice of appointees without being obliged to name one of two or more persons nominated by organizations which were in no way subject to departmental supervision or control. The Governor adopted these views, and acted accordingly, and I submit the matter to the Board of Regents for its information and for any action which it may think well to take.

Special historical documents

For years I have been anxious about the safe-keeping of our invaluable collection of historical documents in the State Library, of which there are something like 260,000. All of these have real interest, some of them are the exclusive sources of State and national history, and a few of them are unique and priceless documents because to all intelligent and patriotic Americans they are primary evidence of great events in the evolution of the State,

country, and nation. All of these documents, without much opportunity for discrimination, have been kept in a single room without suitable cases and subject to many dangers from fire, handling, or even theft. As to the larger part of the collection, this must inevitably continue until we move to the new Education Building, but inasmuch as the larger number are of less interest they are subject to less peril. As to the smaller number, my anxiety has increased until I have caused suitable leather cases to be prepared for them and have arranged a special safe for their accommodation, and have brought them from the upper floors in the State Library to the main office of the Department on the first floor of the Capitol. They are as follows:

Charter or grant from King Charles the Second to his brother James, Duke of York, of the land included in the present state of Maine, the territory from the Connecticut river to the Delaware river, Long Island, Martha's Vineyard and Nantucket. March 12, 1664. Rolled.

Duke's Laws, 1664-65. Bound volume.

Manuscript copy of the laws for the government of the province of New York, compiled under the direction of Richard Nicolls, the first English governor, ratified at the Hempstead meeting of March 1, 1665, and sent by Nicolls to the Duke of York for confirmation in November 1665. There are two other early manuscript copies of these laws in existence, known as the East Hampton and Roslyn copies. The present copy was apparently made in 1684, by Isaac Swinton, Deputy Secretary, from a copy which was sent from England in 1674 for the use of Governor Edmund Andros.

Dongan Laws, 1683-84. Bound volume.

Entitled: "The Duke of York's Charter of Liberties & Privileges to the Inhabitants of New York anno 1683, with Acts of the Assembly of that year & the year 1684." This title is misleading. The first act of the compilation is not a charter from the Duke of York, but merely an act passed by the Colonial Legislature, October 30, 1683.

Constitution of the State of New York, 1777. Bound volume in leather case.

Volume includes also amendments of October 27, 1801; letter from John McKesson to John Van Ness Yates, Secretary of State, August 29, 1821; and certificate of receipt of the original Constitution, by John V. N. Yates, August 30, 1821.

Constitution of the State of New York, 1821. Bound volume.

In same volume: Address of the convention to the people of the State of New York, November 10, 1821; and Resolutions of the convention, August 28, 1821.

Constitution of the State of New York, 1846. Rolled.

Proposed Constitution of the State of New York, 1867-69; re-jected except sixth article. Bound volume.

Constitution of the State of New York, 1894. Bound volume.

Journal of the proceedings of the convention of the State of New York to ratify the proposed Constitution of the United States, held at Poughkeepsie, June 17-July 26, 1788. Bound volume.

In same volume: Circular letter from the convention to the executives of the several states, to be laid before their respective Legislatures, Poughkeepsie, July 26, 1788.

Ratification of the proposed Constitution of the United States by the State of New York in convention assembled at Poughkeepsie, July 26, 1788. Bound volume.

Autographs of the signers of the Declaration of Independence. Bound volume.

Contains autograph letters and signatures of the 56 signers of the Declaration of Independence, with their portraits. The material in the volume was chiefly collected by Mr Israel K. Tefft, of Savannah, Ga., and after his death was sold to Mr E. French, from whom the State bought it in 1868 for \$800. Since then various additions have been made and the collection is now valued at \$20,000. The collection is particularly strong in autographs of southern signers, many of which are exceedingly scarce.

André papers. 13 manuscripts, in levant case.

André (John). Papers found in the boots of Maj. John André, when captured by Paulding, Williams and Van Wart, on his return from his visit to Benedict Arnold at West Point; with his passes and other papers, viz:

- 1 "Artillery Orders, West Point, September 5, 1780." Disposition of the Corps in case of alarm." In Arnold's handwriting.
- 2 "Return of ordnance in the different forts, batteries, etc. at West Point and its dependencies, September 5, 1780. Signed S. Bauman, Major Commandant of Artillery.
- 3 Statement of the construction of the various redoubts of the fortress. In Arnold's handwriting, and indorsed by him, "Remarks on the works at West Point; a copy to be transmitted to His Excellency General Washington, September 1780."
- 4 "Estimate of the number of men necessary to man the works at West Point." Signed Villefranche, engineer, September 1780.
- 5 "Estimate of the Forces at West Point and its Dependencies." September 13, 1780.
- 6 Letter from Joshua H. Smith, the intermediary of Arnold and André, to his brother at Haverstraw; dated "Robinson's House, Sept. 25, 1780."
- 7 Pass from General Arnold, dated September 20, 1780, to permit Joshua Smith and Mr John Anderson to pass the guards at King's Ferry.
- 8 Pass from General Arnold, dated September 21, for Joshua Smith to go to Dobb's Ferry to carry letters for New York.
- 9 Pass from General Arnold, dated September 22, for Joshua Smith to go to Dobb's Ferry and return.
- 10 Pass from General Arnold, dated September 22, for Mr John Anderson to pass to the White Plains, "and below if he chuses."

- 11 Pass from Arnold, dated September 22, for Joshua Smith to pass to the White Plains and return.
- 12 Sundry memorandums of addresses etc.: "Memo."
- 13 Engraving of the pen sketch of a portrait of Major André, drawn in prison, by himself, the day before his execution.

Washington's opinions of the surviving generals of the Revolution, written in the winter of 1791-92, after the defeat of Gen. Arthur St Clair by the Indians in the autumn of 1791. In levant case.

Draft of Washington's farewell address, written in the spring of 1796. In levant case.

Tabulated statement of Washington's household expenses in 1789. In levant case.

Washington relics:

- Pistol presented by Gen. Lafayette
- Gold watch chain and two seals
- Box of surveying instruments
- Case of pocket protracting instruments
- Compass made by D. Rittenhouse
- Tripod
- Measuring chain — large
- Measuring chain — small
- Six marking pins

Draft of President Lincoln's first emancipation proclamation, September 22, 1862. In levant case.

This proclamation provided for the emancipation of the slaves in the seceded states, unless the said states laid down their arms within 100 days. The manuscript was presented by the President to the Albany Relief Bazaar on January 4, 1864, and by means of a lottery organized by the bazaar brought \$1100 to its funds. It was drawn by Gerrit Smith, a member of the Special Committee in charge of the lottery, who gave it to the United States Sanitary Commission. In 1865 it was bought by vote of the New York Legislature for \$1000.

It is expected that the same or similar provision for the safe-keeping of these documents, or of others which approach them in significance, will be permanent. They are of such special interest that it would seem as though they ought not to be commonly exhibited in public or even associated with the mass of public papers which are freely submitted to the inspection of the curious or to the handling of students of history. Indeed, it would seem as though these papers should never be handled at all, and should be shown only when the circumstances amply justify it.

I feel bound to report what has been done in this connection to the Board of Regents, because, under the statute, the Board is charged with the proper care of the historic documents of the

State. Under the law and the rules of the Board of Regents, I have become the immediate custodian. In any such important matter we clearly should act with entire concord of judgment, and I shall therefore be glad if the Board will make record of its view of the matter.

State Education Building

The work upon the new Education Building has advanced with rather even regularity since the last meeting of the Board. The ironwork has proceeded rapidly. The stone and brick work has been delayed somewhat beyond expectations, but it is now well inaugurated. Some allegations of fraud have been made against the contractors, by the architects or their representatives, and it is understood that these are under investigation by the trustees of public buildings. There had been no serious accidents upon the building, until Wednesday morning, June 9th, when one of the ironworkers was, unhappily, swept from his place, fell some 30 feet, and was instantly killed.

There has been a substantial change in the external architecture of the building. This consists in carrying much higher up the heavy cornice which appears on the front elevation just over the colonade. It places this cornice at the top of the attic, instead of at the bottom of the entablature. The matter has been much discussed since the staff model of a part of the building was erected, and the change is concurred in by all interested. It was formally approved by the Board of Award at a meeting held May 12, 1909, subject to agreement by the general contractor that the change will be made without additional cost, which agreement the architects assured the board would readily be made.

An appropriation of \$1,000,000 for meeting the expenses of construction and a bill appropriating \$475,000 for acquiring a site and erecting a new heating, lighting and power plant to serve the Capitol and the Education Building were vetoed by the Governor upon the ground that such funds would not be required before the Legislature was again in session. This will not delay the work upon the Education Building and it is accepted all around that the appropriations for these purposes will be renewed upon the reconvening of the Legislature.

A bill looking to remodeling the Old State House for a State Judicial Building became a law.

School census in cities of the first class

A bill repealing chapter 249, laws of 1908, now known as section 1000, article 41, of the Education Law, providing for a permanent census board for the complete and up-to-date enrolment of all children of school age in cities of the first class, which was secured upon the recommendation of the Department through the Legislature of 1908, was urged with considerable force, and was defeated through the opposition of the Department. It may be well to add that I am convinced that there is no higher obligation upon the State Education Department than that we lower the percentage of illiteracy in this conspicuous State of the Union. For obvious reasons, the task is a heavy one, yet it is by no means impossible. When we know that school attendance is far more complete and regular in all other constitutional countries than in the United States, and that the percentage of illiteracy in the German or in the Japanese Empire is practically a negligible quantity, while it is almost 60 in 1000 in the State of New York, there are reasons enough why we should be decisive in our efforts, and encouraged to believe that decisiveness will accomplish desirable results. I have long been satisfied, however, that we would never make very substantial progress in this direction until we obtained a definite plan for a complete and always up-to-date public enrolment of all children legally subject to school attendance. Accordingly, in the winter of 1908, the mayors, chief school officers, and chief police officers of each of the cities of the first class, were advised with, and all agreed with us upon a bill for the inauguration of a permanent census or enrolment bureau in each city for this purpose. The bill became a law. In each of the cities of the first class, except New York, the money has been provided and steps taken for the organization of the bureau required by the law. In New York city the Board of Estimate and Apportionment has, I am informed, provided the meager sum of \$10,000 for this purpose, which is the same amount as provided by the city of Buffalo, whereas, if the difference in population and assessable valuation of property is any criterion, the city of New York, should provide from \$250,000 to \$300,000, if necessary, to do this work, when the city of Buffalo provides \$10,000.

For some reasons which I do not fathom, and which, so far as I know, are clearly fanciful, there has been a strange disinclination to observe and execute this law on the part of the authorities of the city of New York. Officials and particularly the city super-

intendent of schools who cordially approved it before enactment, indeed, whose suggestions concerning its form were fully observed, have now sought its repeal, or neglected to take the initial steps pointing to its execution, although these should have been taken long ago.

After a painstaking study of the all-important subject of school attendance as bearing upon illiteracy, mendicancy and crime, which has extended through many years, I am entirely satisfied that there is no way of measurably enforcing school attendance; of steadily reducing illiteracy; of measurably controlling criminal tendencies, and of enlarging and widely diffusing industry, efficiency and self-respect in large cities, unless we have an official enrolment, always complete and always up-to-date, of every resident of the city, and of every transient who tarries in it for any length of time. With such an enrolment, the problems of the schools will be made easier, and the work of the police will be more uniformly efficient, with far less necessity for brutality or for the mistreatment of the overwhelming number of well deserving people.

There is no great difficulty about an enrolment of children of school age outside of the larger cities. In such cities the task is a large one, but it is clearly one which we must meet. It is so important and so difficult that we must all be of one mind about it. We must not undertake to do what we are not all of us ready to do. It is quite possible that it may be necessary to resort to legal process in order to compel the observance of the law in question by the officials of the city of New York. Therefore, while the matter is one which is to be essentially dealt with by the executive authority of the Education Department, it is one which the executive officer of the Board would be glad to have fully understood, that his acts may be cordially sustained by the good judgment of all the members of the Board.

Registration of colleges and professional schools

I recommend that the following colleges and profession schools be registered as meeting the approval of the Department:

§ 401 *Approved colleges or universities*

Name of institution	Location	President	Degrees registered
St Joseph's College....	Philadelphia, Pa..	W. S. Singleton, <i>prefect</i>	B.A.

§ 402 *Baccalaureate and medical courses*

Name of institution	Location	President	Degrees registered
Brown University.....	Providence, R. I..	H. W. P. Faunce..	B.A., M.D.
Tufts College.....	Tufts, Mass.....	F. W. Hamilton....	B.S., M.D.

§ 403 *Approved colleges or universities conforming to the order of the Court of Appeals*

Name of institution	Location	President	Degrees registered
Muhlenberg College....	Allentown, Pa....	John A. W. Hass..	Ph.B.
Northwestern College...	Naperville, Ill....	H. S. Kiekhofer...	B.S.
Otterbein University....	Westerville, O....	George Scott, <i>dean</i> ..	B.A., B. S.
Ohio State University...	Columbus, O.....	Wm. O. Thompson..	B.S. (technical courses) C. E., Arch., M. E., M.E.E. in E.E., B.S. chem. E.M.
Pennsylvania College...	Gettysburg, Pa...	S. G. Hefelbower..	B.A., B.S.
St Bonaventure's College	St Bonaventure, N. Y.....	Joseph F. Butler...	B.A.
Colby College.....	Waterville, Me...	Arthur J. Roberts...	B.A., B.S.
Oberlin College.....	Oberlin, O.....	H. C. King.....	B.A.
Middlebury College.....	Middlebury, Vt...	John M. Thomas...	B.A., B.S.
Earlham College.....	Wichita, Kan.	S. S. Kingsbury, <i>dean</i>	B.A.

§ 404 *General credentials*

Name of institution	Location	President	Degrees registered
Middlebury College.....	Middlebury, Vt...	John M. Thomas...	B.A., B.S.
Oberlin College.....	Oberlin, O.....	H. C. King.....	B.A.
Pennsylvania College....	Gettysburg, Pa....	S. G. Hefelbower...	B.A.
Earlham College.....	Earlham, Ind.....	Robert L. Kelly....	B.A., B.S.

§ 406 *School of theology*

Name of institution	Location	President	Degrees registered
St Bonaventure's College	St Bonaventure, N. Y.....	Joseph F. Butler..	Four year course

§ 407 *Approved schools of law*

Name of institution	Location	Dean	Courses registered
Ohio State University...	Columbus, O.....	W. O. Thompson, <i>president</i>	LL.B.

§ 408a and c *Extension courses*

Name of institution	Location	Director
St John's College.....	Brooklyn, N. Y.....	John W. Moore, <i>president</i>

§ 452 *Approved schools of nurse training*

Name of institution	Location	Superintendent
St Luke's Hospital Training School for Nurses.....	S. Bethlehem, Pa...	W. L. Estes, <i>director</i>
Rome Hospital and Training School	Rome, N. Y.....	Katharine Newman
Training School for Nurses of the Pacific Hospital.....	Los Angeles, Cal....	Susan G. Parish
Norfolk State Hospital Training School for Nurses.....	Norfolk, Neb.....	G. A. Young
Maryland General Hospital Training School for Nurses..	Baltimore, Md.....	David Street, <i>dean</i>
California Hospital Training School for Nurses.....	Los Angeles, Cal....	Walter Lindley, <i>director</i>
Indianapolis School of Nursing.	Indianapolis, Ind....	Florence J. Martin

§ 409 *Schools of medicine*

Name of institution	Location	Dean
School of Medicine, University of Utah.....	Salt Lake City, Utah.	Byron Cummings
School of Medicine, Howard University	Washington, D. C....	Robert Reyburn

Amendments of Regents Revised Rules concerning teachers training classes

I recommend that amendments be made to chapter IV of the Regents Revised Rules concerning teachers training classes as follows;

That subdivisions *b* and *c* of section 147 be amended to read as follows:

b A standing of at least 65 per cent in each of the following subjects: elementary United States history with civics, arithmetic, geography, reading, spelling, penmanship, drawing, physiology and first year English, and in addition any 12 academic counts under the syllabus of 1900 or 18 counts under the syllabus of 1905.

c A Regents academic diploma.

That subdivision *a* (4) and subdivisions *b* (3) and (4) of section 166 be amended to read as follows:

a (4) Fourth period. Drawing; reading; spelling.

b (3) Third period. Penmanship; American history with civics.

(4) Fourth period. School law.

That section 170 be amended to read as follows:

§ 170 Program

a Monday p. m. American history.

b Tuesday a. m. Arithmetic.

c Tuesday p. m. Language, composition and grammar.

d Wednesday a. m. Psychology.

e Wednesday p. m. School management.

f Thursday a. m. Physiology; geography.

g Thursday p. m. Agriculture; reading.

h Friday a. m. History of education; school law.

i Friday p. m. Drawing; spelling.

j Penmanship will be judged from the paper on psychology in January and from the paper on school law in June.

That subdivision *b* of section 171 be amended to read as follows:

b However, a holder of this certificate who entered the training class on an academic diploma shall after three years of successful experience be eligible to teach in the subacademic grades of any school.

That section 172 be amended to read as follows:

§ 172 Certification of teaching ability, character etc. Prior to the issuance of a training class certificate, the principal or superintendent must certify that the candidate has shown sufficient skill in teaching to warrant his receiving such certificate, that he is a person of good moral character, and worthy to be employed in the schools of the State.

That section 173 be amended to read as follows:

§ 173 Report of examinations. The name of every member must appear in the report of the examination at the close of the term. Members may enter examinations in those subjects regularly pursued in class prior to the time of the examination.

That section 174 be amended to read as follows:

§ 174 Regulations. *With the exception of a, the regulations should be read to the class before the opening of the examination.*

a Commissioners must not appoint any person to conduct an examination until such person has been approved by the Department, and must recommend no person for whom they are not willing to be responsible. The school commissioner must recommend some person other than the principal of the school or a teacher in the school. An allowance of \$3 per day and necessary expenses will be made for extra examiners when commissioners have more than one training class examination to conduct.

b The desks must be cleared of books and papers before each session. Maps, charts etc. must be removed or covered.

c Candidates must not be allowed to take books or papers to their desks. Stationery is to be supplied by the school.

d Candidates must occupy separate seats with a seat intervening in front and in the rear, and on each side in which no other candidate taking the same examination shall be seated.

e Only those who are taking or conducting an examination can be permitted to remain in the room.

f Care should be taken to guard against exposures of answers.

g Communication of any character shall not be permitted among candidates taking an examination, and any person detected in copying the papers of any other candidate or endeavoring to give or obtain aid in any way must be immediately dismissed from the examination.

h The answer papers must be submitted before the close of each session and must not thereafter pass from the custody of the commissioner or his deputized examiner until they are forwarded to the Department.

i Training class examinations are held at the same time as Regents examinations, 9.15 a. m. and 1.15 p. m.; and candidates are entitled to three hours for each session. Training class and Regents examinations may be held in the same room provided subdivision d is carefully observed. In case a candidate desires to take more than one subject in a single session the time may be extended from three hours to five hours, but under no circumstances will permission be given to extend the time to more than five hours. Candidates taking more than one morning subject and desiring to take one or more afternoon subjects must hand in the last morning paper before 2 p. m. as no student is permitted to enter an examination more than 45 minutes after the scheduled time for opening the papers. The first paper of the afternoon must be handed in by 4.15 p. m.

j No candidate shall enter an examination more than 45 minutes late, and no candidate shall be excused within 45 minutes after the examination has begun.

k If a candidate withdraws himself from the sight of the examiners his examination must be closed. This rule permits a candidate to withdraw from any room and return only in case he is ac-

accompanied by an examiner or deputy who can make affidavit that the candidate was at no time out of his sight.

1 Collusion between candidates or acts of dishonesty in examination are evidence of unfitness to teach in the public schools of the State. Any person guilty of such acts will forfeit all training class standings and will be dismissed from the class.

Reenactment of Regents Revised Rules concerning teachers certificates

I recommend that chapter V of the Regents Revised Rules concerning teachers certificates be repealed, and that in its place a new chapter V be hereby enacted to read as follows:

CHAPTER V

TEACHERS CERTIFICATES

As adopted June 17, 1909

§ 191 **Classes of certificates.** Certificates to teach shall be of the following classes: temporary; elementary; academic; first grade; rural school renewable; state limited; state; training class; training school; special—known as kindergarten, drawing, vocal music, commercial, stenographers, elocution, domestic art, domestic science, manual training; temporary normal; normal diplomas; college graduate limited; college graduate professional provisional; college graduate professional; college graduate life; trades schools.

Statutory Requirements

§ 192 **Age.** Under no circumstances can any kind of a license to teach be issued to a person under 18 years of age.

§ 193 **License and contract.** No trustee or board of education can make a valid contract with a teacher who is not legally qualified. A certificate of qualification must be obtained by a teacher before entering into a contract or beginning service.

§ 194 **Minimum requirements in primary and grammar schools of cities.** No person can be employed or licensed to teach in the primary or grammar schools of a city employing a superintendent who has not had successful experience in teaching for at least three years, or in lieu thereof has not completed a high school course or its equivalent approved by the Commissioner of Education, and in addition thereto a course in professional training also approved by the Commissioner of Education.

Certificates Valid in School Commissioner Districts**§ 195 For school districts maintaining academic departments**

- a* college graduate life
- b* college graduate limited
- c* college professional life
- d* college professional provisional
- e* state life
- f* state limited
- g* normal diploma
- h* temporary normal certificate
- i* special certificate
- j* first grade certificate
- k* training school certificate
- l* training class certificate (issued previous to August 1, 1906)
- m* in primary and grammar grades — training class certificate issued subsequent to August 1, 1906, the holder of which entered training class on academic diploma and in addition has had three years' successful experience in teaching
- n* temporary license

§ 196 For all other school districts

- a* all certificates enumerated under § 195
- b* rural school renewable certificate
- c* training class (issued subsequent to August 1, 1906)
- d* academic certificate
- e* elementary certificate

Certificates Valid in Cities**§ 197 Primary and grammar grades**

- a* college graduate life
- b* college professional life
- c* college professional provisional
- d* state life
- e* state limited
- f* normal diploma
- g* temporary normal certificate
- h* special certificate
- i* ¹ first grade certificate
- j* training school certificate
- k* ¹ training class (issued previous to August 1, 1906)
- l* training class certificate issued subsequent to August 1, 1906, the holder of which entered training class on academic diploma and in addition has had three years' successful experience in teaching
- m* ¹ temporary license

¹ Three years' experience required for cities.

§ 198 High schools

a all certificates enumerated under § 197

b college graduate limited

(These regulations apply to all cities in the State except Albany, Buffalo, Jamestown and New York. In these cities certificates are issued under rules prescribed by the local authorities, but the requirements of § 194 must be satisfied.)

General Rules

§ 199 *a* All certificates issued for a limited period shall be so written as to expire on the last day of the school year.

b When conditions require it, a certificate may be issued upon some other date than August 1. But when a certificate is issued on such other date, it shall be issued for the remaining period for which it would have been valid had it been issued on the first day of August preceding the date on which it was issued.

c The principle stated in *a* and *b* shall be applied to the renewal and the extension of all certificates.

d No substitutions shall be allowed for any subject required for any certificate other than the elementary; first grade, and the rural school renewable. For these three certificates, substitutions may be allowed as follows:

- (1) Advanced arithmetic for arithmetic
- (2) Physical geography for geography
- (3) Second, third or fourth year English or English three years for first year English
- (4) American history with civics for both elementary U. S. history and civics
- (5) Intermediate or advanced algebra for algebra
- (6) Biology for physiology and hygiene
- (7) Advanced drawing general for drawing
- (8) Psychology for history of education

e School commissioners and city superintendents may, in their discretion, exact a higher standing in examinations and give supplementary examinations in the subjects required for a certificate of any grade. They may also for sufficient reasons refuse to issue any certificate even though the educational requirements have been fully met.

Elementary Certificate

§ 200 Educational requirements. A candidate for an elementary certificate shall be required to pass an examination in each of the following preliminary subjects:

- | | |
|------------|--------------------------------------|
| Writing | Geography |
| Spelling | Elementary U. S. history with civics |
| Arithmetic | |

and in each of the following academic subjects:

- First year English
- Physiology and hygiene
- Drawing

§ 201 **Scope of examinations.** Examinations in the preliminary subjects required for an elementary certificate shall be based on the Elementary Syllabus; those in the academic subjects on the Academic Syllabus.

§ 202 **Standing required.** A minimum standing of 75 per cent in each subject must be attained.

§ 203 **Number of trials.** A candidate for an elementary certificate may combine standings earned in four consecutive examinations, but in no more than four. All such examinations must have been taken by him subsequent to his 16th birthday.

§ 204 **Dates and places of examinations.** Examinations for an elementary certificate shall be held in January, June and August of each year. The January and June examinations may be held in all Regents academic schools, and at such other places as school commissioners with the approval of the Education Department from time to time designate. The August examination may be held at such places only as school commissioners designate under like approval.

§ 205 **Experience.** No previous experience in teaching is required.

§ 206 **Where valid.** An elementary certificate shall be valid only in the particular school district for which it is issued or made valid by the school commissioner, which shall be a school district not maintaining an academic department.

§ 207 **Term.** An elementary certificate shall be issued for a term of two years. (This rule is subject to § 199 *a* and *b*.)

§ 208 **Number of certificates.** Only one elementary certificate shall be issued to any one person.

§ 209 **Extensions.** An elementary certificate may be extended one year for each eight academic counts earned while it is in force in subjects not already passed when the certificate was issued.

§ 210 **Issuance of certificate.** While examinations may be taken at any appointed time and place, an elementary certificate shall be issued only after the candidate has made an engagement to teach, approved by the school commissioner having jurisdiction. But a person entitled to an elementary certificate, though such certificate has not yet been issued, is legally qualified to contract by presenting a formal statement from the school commissioner having jurisdiction showing that such person is entitled to this certificate, and certifying that such certificate will be issued when a contract has been made with the trustee of some district designated in such statement of the school commissioner.

Academic Certificate

§ 211 **Educational requirements.** A candidate for an academic certificate must have completed a four year high school course and must have earned a Regents academic diploma.

§ 212 **Dates and places of examinations.** Examinations for an academic certificate can be taken only in January and June and as they are reached in the course of study pursued by the candidate and can be taken only at high schools and academies. This certificate shall not be issued on the basis of examinations alone, as it is provided only for those who have regularly pursued a full course in the high schools and academies of this State.

§ 213 **Experience.** No previous experience in teaching is required.

§ 214 **Where valid.** A certificate of this grade shall be valid only in the particular school district for which it is issued or made valid by the school commissioner, which shall be a school district not maintaining an academic department.

§ 215 **Term.** An academic certificate shall be issued for a term of two years. (This rule is subject to § 199 *a* and *b*.)

§ 216 **Number of certificates.** Only one academic certificate shall be issued to any one person.

§ 217 **Extension.** An academic certificate may be extended one year for each 18 counts obtained in examinations for life State certificates earned while it is in force. Counts earned in Regents examinations shall not be applied for extension of this certificate.

§ 218 **Issuance of certificate.** An academic certificate shall be issued only after the candidate has made an engagement to teach, approved by the school commissioner having jurisdiction. But a person entitled to an academic certificate, though such certificate has not yet been issued, is legally qualified to contract by presenting a formal statement from the school commissioner having jurisdiction showing that such person is entitled to this certificate and certifying that such certificate will be issued when a contract has been made with the trustee of some district designated in such statement of the school commissioner.

Rural School Renewable Certificate

To be issued in January 1910 and thereafter

§ 219 **Educational requirements.** A candidate for a rural school renewable certificate shall be required to pass subsequent to

his 16th birthday a written examination in each of the following subjects:

Penmanship	First year English	History of education
Spelling	Algebra	School management
Arithmetic	Physiology and hygiene	Methods of teaching
Geography	Nature study and agriculture	School law
	Drawing	
	American history with civics and one other subject from the history group of academic studies	

§ 220 **Scope of examinations.** The examinations in nature study and agriculture, history of education, school management, school law and methods of teaching shall be based on a training class syllabus in these subjects. The other examination shall be based on the elementary and on the academic syllabus.

§ 221 **Standing required.** A minimum standing of 75 per cent shall be required in each subject.

§ 222 **Number of trials.** No limit need be placed upon the number of trials a candidate may have for a rural school renewable certificate and it need not be required that the subjects be passed within any limited period of time.

§ 223 **Dates and places of examinations.** Examinations in all of the required subjects shall be given in January, June and August. Examinations in the regular Regents subjects may, by arrangement with the principal, be taken in January and June at any academic school; in August they may be taken at the places designated by the school commissioner. In all other subjects, examinations shall be offered in January and June at each school conducting a training class and at any other academic school properly designated by the school commissioner; in August at the places designated by the school commissioner.

§ 224 **Experience.** A candidate must have taught successfully for at least two years to be eligible for a rural school renewable certificate.

§ 225 **Where valid.** A rural school renewable certificate shall be valid in any school district not maintaining an academic department.

§ 226 **Term.** A rural school renewable certificate shall be issued for a term of 10 years.

§ 227 **Renewals.** Upon its expiration, from time to time, a rural school renewable certificate held by a teacher who has taught under it successfully for a period of five legal school years may be renewed by any school commissioner in the State for a period of 10 years, without examination.

§ 228 **When first issued.** The first examinations in the subjects not heretofore offered shall be conducted for the first time in January 1910, and a rural school renewable certificate under these requirements may be issued thereafter to any candidate who is entitled.

Continuance of Old Form of First Grade Certificate to August 1910

(Until August 1910, a first grade certificate valid in any department of any school, except in the primary and grammar grades, provided by section 551 of the Education Law, may be earned under precisely the same regulations as are named above for rural school renewable certificate except as to educational requirements.)

§ 229 **Educational requirements.** The educational requirements shall be as follows: A candidate shall be required to pass, subsequent to his 16th birthday, a written examination in each of the following subjects:

Writing	Ancient history, or European
Spelling	history or history of Great
Arithmetic	Britain and Ireland
Geography	Civics
Elementary United States his-	Bookkeeping
tory with civics	Drawing
First year English	History of education
Algebra	School management
Physics	School law
Physiology and hygiene	Methods in reading

A candidate may claim the results of the August 1910 examination.

Training Class Certificate

§ 230 **Requirements.** A candidate must have complied with all the requirements for admission to and attendance upon a training class and the principal of the school must certify that he has given evidence of excellent character and good ability to teach. A candidate must also have attained in examination held for training classes, a minimum standing of 75 per cent in each of the following subjects:

<i>a Preacademic</i>	<i>b Academic</i>	<i>c Professional</i>
Writing	Physiology and hygiene	Methods in reading,
Spelling	American history with	writing and spell-
¹ Arithmetic	civics	ing
¹ Geography	Drawing	Psychology
¹ Language	Nature study and agricul-	History of education
Composition	ture	School law
and grammar		School management

§ 231 **Dates of examinations.** Examinations shall be held in January and in June during the week in which Regents examinations occur.

§ 232 **Where valid.** A training class certificate shall be valid in any school district not maintaining an academic department. The holder of such certificate who entered the training class on an academic diploma shall after three years of successful experience be eligible for a certificate entitling him to teach in the subacademic grades of any school, subject to the provisions of section 551 of the Education Law, as affecting cities.

§ 233 **Term.** A training class certificate shall be issued for a term of three years.

§ 234 **Credit toward normal school course.** A person who holds a training class certificate shall be entitled to one year's advanced standing in a State normal school provided he entered the training class on an academic diploma and has taught for one year after graduation from the training class.

§ 235 **Renewals.** Upon their expiration, from time to time, a training class certificate held by a teacher who has taught under it successfully for a period of two years, may be renewed for a period of 10 years, without examination.

Training School Certificate

§ 236 **Requirements.** A candidate must have complied with all the requirements for admission to and attendance upon a training school as required by the provisions of section 551 of the Education Law and the principal of the school must certify that he has given evidence of excellent character and good ability to teach. A candidate must also have attained in examinations held for training schools, a minimum standing of 75 per cent in each of the following subjects, in accordance with the syllabus for training schools:

Arithmetic	Drawing
Geography	Methods in reading, writing
Language	and spelling
Composition and grammar	Psychology
Physiology and hygiene	History of education
Nature study	School management
American history with civics	

¹The paper on this subject will also contain questions on methods.

§ 237 **Dates of examinations.** Examinations shall be held in January and June during the week in which Regents examinations occur.

§ 238 **Where valid.** A certificate of this grade shall be valid in any department of any school of the State, subject to section 551 of the Education Law and special acts as affecting cities.

§ 239 **Term.** A training school certificate shall be issued for a term of three years.

§ 240 **Renewals.** Upon their expiration, from time to time, a training school certificate held by a teacher who has taught under it successfully for a period of two years, may be renewed for a period of 10 years, without examination.

Limited State Certificate

§ 241 **Educational qualifications.** A candidate for a limited State certificate shall be required to pass the special examinations for a State certificate in each of the following subjects:

(1)	(2)
2 Spelling	5 Physics
2 Arithmetic	2 Civics
2 Geography	3 Drawing
2 English grammar	3 History of education or psychology
5 Algebra	3 Methods of teaching
2½ Physiology and hygiene	3 School management
3 American history	2 School law
3 Composition	

and shall earn 10 additional counts in subjects named in group (3) under section 244.

§ 242 **Number of trials.** Standings earned in three consecutive examinations may be applied toward a limited State certificate.

§ 243 **Term.** A limited State certificate shall be issued for a period of five years only. It shall not be renewed or extended, but may be replaced by a State certificate when the holder of it has met the additional requirements for such certificate.

The scope of examinations, the standing and experience required, the validity and the dates and places of examinations are the same as for State certificate.

State Certificate

§ 244 **Educational requirements.** A candidate for a State certificate shall be required to pass a special examination in each of the following subjects:

	(1)		
2	Spelling	5	Algebra
2	Arithmetic	2½	Physiology and hygiene
2	Geography	3	American history
2	English grammar	3	Composition
	(2)		
3	History of education or psychology	3	Methods of teaching
		3	School management
		2	School law
	(3)		
5	English and American literature	2½	Botany or zoology
10	A foreign language (Latin, French or German)	3	History (ancient, European history or history of Great Britain and Ireland)
5	Plane geometry		
5	Physics	2	Civics
5	Chemistry or physical geography	3	Drawing

The numerals prefixed to the subjects in the above list indicate the number of counts allowed each subject when credit is claimed for the subject toward an extension of an academic certificate.

§ 245 **Scope of examinations.** Examinations for a State certificate shall be based on the Training Class Syllabus in the following subjects: history of education, psychology, methods of teaching, school management and school law.

In the academic subjects the examinations shall be based on the Academic Syllabus.

In composition and in English and American literature the examination shall be based on the high school work in composition and in literature as outlined in the Academic Syllabus for the first, second, third and fourth year English.

In spelling, arithmetic and geography, both the Elementary Syllabus and the Training Class Syllabus should be consulted. Examinations in these subjects for a State certificate will be more advanced in character than for a preliminary certificate.

In the preparation of question papers for examinations for a State certificate, it shall be assumed that candidates are more mature in judgment and have had experience in teaching. In the rating of answer papers, greater fulness and precision of statement shall be expected.

§ 246 **Standing required.** A standing of at least 75 per cent shall be required in each of the subjects of group (1) and an aver-

age standing of at least 75 per cent in the subjects of group (2) and (3), but no paper shall be accepted on which a standing of less than 60 per cent has been earned.

§ 247 **Number of trials.** The standings earned in four consecutive examinations may be applied toward this certificate and no further examination need be required in any subject in which a standing of 90 per cent has been earned.

Those who have met the conditions for a limited State certificate shall earn credit for the remaining subjects for a State certificate in one examination held while the limited certificate is in force.

§ 248 **Experience.** No person shall be entitled to a State certificate who has not had at least three years' experience in teaching.

§ 249 **Term.** A State certificate shall be issued for life.

§ 250 **Where valid.** A State certificate shall be valid in any department of any school in the State.

§ 251 **Date and places of examinations.** Examinations for a State certificate shall be held in August of each year. Examinations may be held at the following places and at such other places as may from time to time be designated by the Commissioner of Education:

Albany	New York
Binghamton	Norwich
Buffalo	Ogdensburg
Chautauqua Assembly	Oneonta
Cortland	Plattsburg
Elmira	Rochester
Hornell	Salamanca
Ithaca	Sandy Hill
Kingston	Syracuse
Liberty	Utica
Malone	Watertown

College Graduate Certificates

§ 252 **Classes.** College graduate certificates shall be of four classes: college graduate limited, college graduate life, college graduate professional provisional, college graduate professional.

§ 253 **By whom issued.** College graduate certificates are to be issued by the Commissioner of Education.

College Graduate Limited

§ 254 **Term.** A college graduate limited certificate shall be issued for a term of two years.

§ 255 **Where valid.** A college graduate limited certificate shall be valid in any department of any school in the State except in primary and grammar grades of city schools.

§ 256 **Education requirements.** A candidate for a college graduate limited certificate must be a graduate of a college approved by the Education Department and must have received the bachelor's degree in a course approved by the Education Department.

§ 257 **Renewal.** A college graduate limited certificate may be renewed for a period of one year if within the two years for which it was issued the holder shall have passed the special examinations required.

§ 258 **Subject and scope of required examinations.** The subjects of these examinations are: psychology, history of education, principles of education, methods of teaching. The examinations shall be based on the syllabus found in the Course of Study and Syllabus for the College Graduate Professional Certificate and for the Renewal of the College Graduate Certificate Limited.

§ 259 **Dates and places of examinations.** Examinations for the renewal of college graduate limited certificates shall be held in May and August of each year.

The May examinations shall be held in connection with the other professional licensing examinations in Albany, Buffalo, New York and Syracuse and at other places designated from time to time by the Education Department.

The August examinations shall be held at the various colleges in the State where summer courses are conducted, covering wholly or in part the course of work outlined in the Course of Study and Syllabus for the College Graduate Professional Certificate and for the Renewal of the College Graduate Certificate Limited.

College Graduate Life Certificate

§ 260 A college graduate life certificate may be issued to one who has completed a four year course of study at an approved college and has received a bachelor's degree and who presents evidence of three years' successful experience in teaching since graduation, two years of which have been in New York State.

College Graduate Professional Provisional Certificate

§ 261 A college graduate professional provisional certificate valid for three years in any grade of any school in the State, may be issued to any graduate of an approved college who has completed therein a course in education under the regulations of the Education Department.

College Graduate Professional Certificate

§ 262 On evidence of three years' successful experience in teaching the holder of a college graduate professional provisional certificate shall be entitled to receive a permanent college graduate professional certificate.

Temporary License

§ 263 In addition to the foregoing certificates, the Commissioner of Education will, in his discretion, issue temporary licenses valid for 20 weeks, but only in cases in which public convenience absolutely requires it, and then only on the recommendation of the school commissioner or superintendent having jurisdiction.

No temporary license will be granted unless satisfactory evidence is furnished that the candidate is qualified, and sufficient reasons are given why the candidate is not the holder of a regular certificate.

Special Certificates

§ 264 **Limitations.** These certificates may be granted to those candidates who desire to teach a special subject only, technical in character, and who have made special preparation for the work. The certificate will entitle its holder to teach the special subject only.

§ 265 **Term and renewals.** A special certificate may be granted for three years and after two years of successful experience it may be renewed for five year periods. No special certificate shall be granted, even though it be earned, except at the request of a superintendent or commissioner after the applicant shall have been assured of a position to teach.

§ 266 **Educational requirements.** The applicant for any certificate, special in nature, must furnish evidence of graduation from an approved high school, or the equivalent, and also from an approved professional institution wherein he has completed a course of study in the special subject except trades schools for the present. In addition he must establish to the satisfaction of the Commissioner of Education that he is qualified to teach such special subject.

§ 267 **Examinations.** The above educational requirements apply to special certificates to teach elocution, domestic science, domestic art, manual training, vocal music, kindergarten, drawing, commercial branches and stenography. In addition, for the last four certificates named, candidates must pass the Department examinations prescribed below, and may combine for a certificate the standing earned in any four consecutive examinations. The Commissioner of Education may accept the completion of an approved course in a degree-conferring institution registered with the Regents in lieu of such examination.


a Kindergarten certificate. Training school examinations in history of education, psychology and principles of education, school management, and special examinations in primary methods and in kindergarten methods.

b Drawing certificate. Special examination in drawing.

c Commercial certificate. Regents examinations in advanced bookkeeping, business arithmetic, commercial law.

d Stenographers certificate. Regents examinations in stenography and typewriting.

e Trades schools. These vary according to the subjects covered.
Respectfully submitted

A handwritten signature in cursive script, appearing to read "A. N. D. Maper". The signature is written in dark ink and is positioned above the printed name of the Commissioner of Education.

Commissioner of Education

The Regents unanimously took the following action upon the communication of the Commissioner of Education and upon the recommendations made therein:

First:

On motion of Regent Sexton,

Voted, That the appointments and promotions reported by the Commissioner of Education be approved, and that the Board unite with him and with the heads of divisions in making such appointments and promotions and fixing the salaries as proposed.

Second:

On motion of Regent Vander Veer,

Voted, That the reciprocal relations regarding the indorsement of medical licenses entered into by the Commissioner of Education with the State of Delaware be approved; and that the Medical Council of such State be registered as maintaining standards not lower than those required by chapter 49 of the laws of 1909, article 8, Public Health Law.

Third:

On motion of Regent Vander Veer,

Voted, That the New York State medical license of Francis Gray Blinn be revoked and that his registration in New York county be annulled.

Fourth:

On motion of Regent Sexton,

Voted, That Dr William S. Ely of Rochester be reappointed as a member of the State Board of Medical Examiners for a period of three years from August 1, 1909.

Fifth:

On motion of Regent Vander Veer,
Voted, That Dr Willis G. Macdonald of Albany, and Dr William H. Park of New York city, be appointed members of the State Board of Medical Examiners for a period of three years from August 1, 1909.

Sixth:

On motion of Vice Chancellor McKelway,
Voted, That Herbert C. Watts of Syracuse, and Frank B. Marchant of Brooklyn, be reappointed members of the Board of Examiners in Optometry for a period of three years from July 1, 1909.

Seventh:

On motion of Regent Philbin,
Voted, That William C. Deane of New York city, and A. M. Wright of Troy, be reappointed members of the Board of Dental Examiners for a period of four years from August 1, 1909.

Eighth:

On motion of Regent Beach,
Voted, That Miss Lina Lightbourn of Syracuse be reappointed a member of the State Board of Nurse Examiners for a period of five years from August 1, 1909.

Ninth:

On motion of Regent Lord,
Voted, That Henry A. Niles and Homer A. Dunn, both of New York city, be reappointed members of the Board of Examiners of Certified Public Accountants for a period of one year from August 1, 1909.

Tenth:

On motion of Regent Philbin,
Voted, That the recommendation of the Commissioner of Education concerning the admission of Charles Otto Hoehn and Walter E. Burns to Regents examinations be approved.

Eleventh:

On motion of Vice Chancellor McKelway,
Voted, That the Board heartily approve the action of the Commissioner of Education in safeguarding the valuable historical documents and relics in its possession, and commend the wise forethought which prompted such action.

Twelfth:

On motion of Regent Philbin,

Voted, That the Commissioner of Education be requested to use all means at his command to insure the enforcement of the law providing for a school census in the cities of the first class.

Thirteenth:

On motion of Regent Sexton,

Voted, That the institutions named in the list submitted by the Commissioner of Education be registered as maintaining approved and proper standards.

Fourteenth:

On motion of Regent Sexton,

Voted, That chapter IV of the Regents Revised Rules be amended as recommended by the Commissioner of Education.

Fifteenth:

On motion of Regent Sexton,

Voted, That chapter V of the Regents Revised Rules be repealed and a new chapter V enacted as recommended by the Commissioner of Education.

REPORT OF CHARTER COMMITTEE

Regent Sexton as chairman of the charter committee presented its report and recommendations, upon which the following action was taken:

Charters granted

Bedford Free Library. *Voted*, That upon the application of Augusta R. Day, Delia W. Marble, Edith L. Colgate, Eloise P. Luquer, James M. Bates and Thatcher T. P. Luquer, a charter be granted incorporating them and their associates and successors as a free public library under the corporate name of Bedford Free Library, to be located at Bedford, Westchester co., N. Y., with six trustees to be at first the persons named as incorporators to hold in the order of their naming, two for one year, two for two years and two for three years, and their successors to hold for terms of three years to be elected two each year by the members of the corporation, whose number may be increased or decreased in such manner and upon such terms as it, or its trustees by its authority, shall by general rules provide.

Stone Ridge Library. *Voted*, That upon the application of Wilmer MacNair, James Cantine, Charles C. Hardenbergh, John

H. Palen, Della B. Clark, Francis H. Leggett and Matilda C. Van Winkle, a charter be granted incorporating them and their successors as a free public library under the corporate name of Stone Ridge Library, to be located at Stone Ridge, Ulster co., N. Y., with seven trustees to be at first the persons named as incorporators to hold in the order of their naming for, respectively, one, two, three, four, five, six and seven years, and their successors to hold for terms of seven years to be elected one each year by the board of trustees of the corporation.

Lincoln University Endowment Association. *Voted,* That a charter be granted incorporating Frederick Townsend Martin, Alexander S. Webb jr, Leonard Wood, Thomas H. Hubbard, Benjamin F. Tracy, Roger A. Pryor, Albion V. Wadhams, Henry E. Howland, John S. Allen, Robert S. MacArthur, Willard S. Richardson, Isaac N. Seligman, Henry Clews, George R. Sheldon, Andrew G. Agnew, Philemon Tecumseh Sherman, Clarence C. Howard, William Shillaber, Edward C. Gude, Oliver O. Howard, Charles H. Young, Robert Bacon, Elihu Root, and their associates and successors, as an organization for the promotion of education, under the corporate name of Lincoln University Endowment Association, with resulting permission to use the word university as part of its name, to be located in the Borough of Manhattan, in the city, county and State of New York, with 23 trustees, to be at first and until their successors shall be chosen at and for such time or times as the trustees shall by general rules provide, the above named incorporators, with power, specifically, to raise funds by voluntary contribution to be given to the Lincoln Memorial University for endowment purposes.

The Homestead School for Girls. *Voted,* That upon the application of Anderson C. D. Loucks, Elizabeth D. Loucks, Edward S. Dayton, Minter M. Mays and James S. Cooley, a provisional charter be granted incorporating them and their associates and successors as an academy under the corporate name of The Homestead School for Girls, to be located in the Borough of Queens in the City of New York, with five trustees to be at first the named incorporators to hold until their successors, who may be salaried employees of the corporation, shall be chosen by its shareholders at such time or times as their bylaws shall provide; with power to the corporation to have a capital stock of \$25,000, of which such proportions may be common and preferred stock and be issued in such denominations

and upon such terms as the trustees shall determine, and upon which may be distributed to the holders thereof dividends or shares of the surplus profits of the corporation; and that this provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$5000 of net resources and equipment suitable for its chartered purposes and be maintaining, to the satisfaction of the Regents, a school of approved academic grade.

Rochester School of Optometry. *Voted,* That, upon the application of B. B. Clark, George R. Bausch, Harry M. Bestor, Charles S. Hawkins and Edwin H. Silver, a provisional charter be granted incorporating them and their associates and successors as a technical school under the corporate name of Rochester School of Optometry, to be located at Rochester, N. Y., with five trustees, to be at first the named incorporators to hold until their successors, who may be salaried employees of the corporation, shall be chosen by its shareholders at such time or times as their bylaws shall provide; with power to the corporation to have a capital stock of \$5000, of which such proportions may be common and preferred stock and be issued in such denominations and upon such terms as the trustees shall determine, and upon which may be distributed to the holders thereof dividends or shares of the surplus profits of the corporation; and that this provisional charter will be replaced by an absolute charter if within five years the corporation shall acquire \$5000 of net resources and equipment suitable for its chartered purposes and be maintaining to the satisfaction of the Regents, a school of approved standards.

Provisional charter replaced by absolute charter

Minerva Free Library. *Voted,* That the Minerva Free Library in the town of Sherman, Chautauqua co., N. Y., provisionally incorporated October 17, 1907, having sufficiently met the conditions required therefor, an absolute charter be granted to replace its provisional charter.

Amendments of charters

Elmira College. The required statutory notices and hearing having been given, as directed by the Regents at their meeting of April 1, this year, and no objections having been made to the

proposed amendments, upon the recommendation of the charter committee it was

Voted, That the charter of Elmira College be amended as requested by the application therefor and expressed in the provisions approved by the charter committee in its report recorded in the Journal of the Regents Meeting of April 1, this year.

American Guild of Organists. *Voted*, That upon the unanimous request of the officers and council of the American Guild of Organists, voted at their meeting of May 27, 1909, at which all were present, the charter of the guild, which was incorporated by the Regents on December 17, 1896, be amended as follows:

The membership of the guild shall consist of: founders, academic members (fellows and associates), nonacademic members (colleagues, honorary officers, honorary associates, honorary members and subscribers).

The guild shall have power to establish, form or disband chapters or branches in any state of the Union or Canada.

The guild shall have power to conduct examinations in practical organ playing at such places or centers as will best accommodate candidates in all parts of the United States or Canada, in conformity with the laws of such states and Canada.

Augustinian Academy of Carthage. *Voted*, That upon the unanimous request of the trustees of the Augustinian Institute, voted at their meeting of May 5, 1909, at which all were present, the charter of the institute, which was incorporated by the Regents on November 21, 1895, be amended by changing its name to that of Augustinian Academy of Carthage.

Conservatory of Musical Art. The committee reported favorably upon the request adopted March 27, 1909, by four of the trustees of the Conservatory of Musical Art, which was incorporated by the Regents on March 12, 1908, for an amendment of its charter changing its name to that of Conservatory of Musical Art of the City of New York.

Upon such report it was

Voted, That the Commissioner of Education be authorized and requested to mail to the usual address of each trustee of the Conservatory of Musical Art, at least 30 days prior to the next meeting of the Board, notice that at such meeting a hearing will be given at which will be considered any objections to the proposed amendment of the charter of the said conservatory; and that the notices for the next meeting of the Regents shall specify that action is to be taken at such meeting on the proposed amendment.

Incorporation refused

The American Institute of Law. *Voted,* That, in view of the fact that the main, primary purpose of comprehensive legal education is to qualify for admission to the bar, and that the sufficiency, for such purpose, of such education and the manner of its acquirement rests, in this State, in the judgment and discretionary control of the Court of Appeals, the Regents deem it inappropriate for their Board to grant incorporation and membership in the University to a new kind of law school, until, at least, the said qualifying sufficiency of its proposed methods of instruction, courses of study, standards and special educational usefulness, generally, in whole or in large part, shall receive the approval and sanction of the said court; and that, therefore, without regard to other questions, the application for the incorporation of the American Institute of Law be refused.

Academies admitted

Voted, That the following institutions be admitted to the University as schools of academic grade:

The academic department of union free school district no. 5 of the town of Schuyler Falls, Clinton co., to be known as the Morrisonville Free School.

The academic department of union free school district no. 9 of the town of Southold, Suffolk co., to be known as the Mattituck Union School.

The academic department of union free school district no. 27 of the town of Dryden, Tompkins co., to be known as the Hunt Memorial School.

The academic department of union free school district no. 2 of the town of Cortlandt, Westchester co., to be known as the Croton Union School.

The academic department of union free school district no. 12 of the town of Callicoon, Sullivan co., to be known as the Jeffersonville Union School.

North High School of Syracuse, Onondaga co.

St Mary's High School, unincorporated, located at Lancaster, Erie co.

St Joseph's Academic School, unincorporated, located at Schenectady, Schenectady co.

And St Clare's School, unincorporated, located at Mt Hope, Westchester co.

Change of academic names

Syracuse Technical High School. *Voted,* That in compliance with the request of the department of public instruction of the city of Syracuse, the name of the Syracuse Business High School be changed to Syracuse Technical High School.

East Rochester Union School. *Voted,* That in compliance with the request of the board of education of district no. 13 of the towns of Perinton and Pittsford, Monroe co., the name of the Despatch Union School be changed to East Rochester Union School.

Registration of colleges

United States Naval and Military Academies. *Voted,* That, it satisfactorily appearing that they maintain approved standards of equipment and instruction and possess required resources, the United States Naval Academy, of Annapolis, Maryland, and the United States Military Academy, at West Point, New York, be registered as approved colleges under sections 403 and 404 of the Regents Revised Rules, and as entitled to have their work recognized for professional licenses and for University certificates.

Registration of training school for nurses

Schenectady Physicians Hospital Training School for Nurses. *Voted,* That, the prescribed requirements having been duly met, in compliance with the application in its behalf, the Schenectady Physicians Hospital Training School for Nurses, of Schenectady, be registered as maintaining proper standards.

Registration of secondary school

Irving School, New York city. *Voted,* That, prescribed requirements having been duly met, in compliance with the application in its behalf the Irving School of 35 W. 84th st., New York city, be registered as maintaining approved standards as an academic school.

Registration of libraries

Voted, That in compliance with the request of the trustees in each case the following libraries, each of which has been found on official inspection to be meeting the requirements of the Regents, be registered as maintaining a proper standard:

D. R. Evarts Library at Athens Tappan-SpaULDing Memorial Li- brary at Newark Valley	Wells Memorial Library at Up- per Jay Greenport Library at Greenport
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Correspondence teaching

On motion of Regent Sexton, seconded by Regents Lauterbach and Beach,

Voted, That a special committee be appointed by the Vice Chancellor to consider, in cooperation with the Commissioner of Education, and report to the Board of Regents upon the subject of correspondence teaching and the desirable relations of the University thereto.

Thereupon the Vice Chancellor announced the appointment of Regents Sexton, Lauterbach and Beach as the special committee.

REPORT OF THE FINANCE COMMITTEE

Regent Beach as chairman of the finance committee presented the following letter and certificate relating to the books, accounts, deposits etc. of the Department up to and including June 16, 1909.

National Commercial Bank

Albany, N. Y., June 16, 1909

Hon. A. S. Draper

Commissioner of Education

Albany, N. Y.

DEAR SIR: We beg to inform you that the balance on our books at the close of business June 16th, 1909, to the credit of the New York State Education Department, was \$16,412.92.

Yours very truly

W. W. BATCHELDER

Asst. Cashier

STATE OF NEW YORK }
COUNTY OF ALBANY } *ss.*

James A. Wendell, being duly sworn, deposes and says that he is the Assistant Warrant Clerk in the office of the State Comptroller at Albany, N. Y.; that pursuant to the request of the Commissioner of Education of the State of New York he has made an examination of certain accounts in the Cashier's office of the Department of Education to and including June 16, 1909; that such examinations have consisted of a comparison of the receipts from fees and miscellaneous sources as shown in the petty cash book with the book of original entry, a comparison of the deposits with the account of the National Commercial Bank, a verification of all footings affecting the petty cash receipts and disbursements, and a verification of the cash purporting to be on hand at the date of such examination; that he has found the books to be correct and the correct amount of cash on hand in the office, and the deposits to have been made with the National Commercial Bank as indicated by the office accounts.

Furthermore, he deposes and says that he has made a personal examination of all vouchers and pay rolls filed in the office of the State Comptroller for payments made during the said period ending June 16, 1909, from the appropriations for the Department of Education, and finds that such vouchers are all properly itemized and received and are for expenditures duly authorized by law.

JAMES A. WENDELL

Subscribed and sworn to before
me this 17th day of June, 1909

GEORGE R. KEHOE

Notary Public

Thereupon, on motion, the Board adjourned.

The foregoing minutes of the meeting of the Board of Regents, held June 17, 1909, were duly approved and confirmed at a meeting of said Board held October 28, 1909.

Attest



Commissioner of Education

Title IX

DECISIONS OF COMMISSIONER OF EDUCATION ON APPEALS AND PETITIONS

Appeals and petitions are brought to the Commissioner of Education under the provisions of § 360-62 of the Education Law. The Commissioner is required to examine and decide the same, and his decisions therein are final and conclusive, and not subject to review in any court. It has been the practice to print the more important decisions of the Commissioner in the Annual Report. This practice will be continued. A table of decisions for the school year ending July 31, 1909 is given, but only such decisions as are thought to be of general interest are published in full. All decisions are recorded in this department. Those which are not published may be examined by any person during office hours.

- 5392 In the matter of the appeal of Ebenezer J. Preston et al. from the action of the annual district no. 9, town of Amenia, Dutchess co. Appeal sustained. Decided November 16, 1908.
- 5393 Application of Benjamin H. Gottschall to restrain Peter Didas from acting as trustee of school district no. 5, town of Wayland, Steuben co. Application sustained. Decided November 19, 1908.
- 5394 Appeal of David P. Barry from decision and proceedings of school meeting held August 4, 1908, in district no. 9, town of Saranac, Clinton co. Appeal dismissed. Decided November 16, 1908.
- 5395 Appeal from decision of district meeting in school district no. 5, Southeast, Putnam co. Appeal dismissed. Decided November 16, 1908.
- 5396 In the matter of the election in union free school district no. 1, Walton, Delaware co., on August 5, 1908. Appeal sustained. Decided November 24, 1908.
- 5397 In the matter of change of site in school district no. 2, town of Carrollton, Cattaraugus co. Appeal dismissed. Decided November 28, 1908.
- 5398 In the matter of the application of Lucy Loomis for an order directing the trustees etc. of union free school district no. 6, Hartford, Washington co., to provide conveyance for her children to school. Appeal dismissed. Decided December 8, 1908.
- 5399 In the matter of the dissolution of school district no. 2, town of Schroon, Essex co. Appeal sustained. Decided December 29, 1908.
- 5400 Edward J. Farrell vs. Thomas J. Higgins et al as committee on care of buildings of the Board of Education of the City of New York. Appeal dismissed. Decided February 10, 1909.
- 5401 In the matter of the appeal of Robert Thompson, school district no. 10, Depeyster, St Lawrence co. Appeal dismissed. Decided March 1, 1909.
- 5402 In the matter of the appeal of Frank Sherman for a branch school in district no. 1, town of Caroga, Fulton co. Appeal dismissed. Decided March 4, 1909.
- 5403 In the matter of the revocation of the certificate of Frances L. Leitzell and Helen M. Marshall on the petition of the Board of Education of Haverling union free school district no. 5, town of Bath, Steuben co. Petition dismissed. Decided April 19, 1909.
- 5405 Anthony Swint from an order of the trustees of school district no. 11, town of Guilderland, county of Albany. Appeal sustained. Decided May 3, 1909.
- 5406 Truman Daniels for the annulment of the certificate of Percy C. Lane. Petition dismissed. Decided May 6, 1909.

- 5407 William Baras, Seymour Knickerbocker, George Owens, William Higgins, Mrs Fannie Parsons, Mrs William Higgins and Nelson West et al. as inhabitants and electors of alleged school district no. 8, town of Chester, Warren co. Appeal dismissed. Decided May 17, 1909.
- 5408 Christopher Wood from an order made by the school commissioners of Schuyler and Chemung counties, on September 22, 1908. Appeal dismissed. Decided May 17, 1909.
- 5409 John Heck from an order dissolving school district no. 3 and school district no. 11, town of Cheektowaga, Erie co. Appeal sustained. Decided June 30, 1909.
- 5410 William Jackson, Jas. Lewis, Nathan Baxter, John Mott and Addison Johnson from an order made by Clair L. Whitaker, school commissioner of the first commissioner district of Delaware co. Appeal sustained. Decided June 30, 1909.
- 5411 Petition of John Smith for the removal of Kepy Carr as sole trustee of school district no. 6, town of Amboy, Oswego co. Appeal sustained. Decided July 1, 1909.
- 5412 H. Morden Long for the removal of George F. Failing as school trustee in and for district no. 6, DeWitt, Onondaga co. Petition dismissed. Decided September 20, 1909.
- 5413 W. L. Ellis from the action of the annual meeting in district no. 12, town of Barrington, Yates co., in voting to contract. Appeal sustained. Decided September 20, 1909.
- 5414 Edward W. Tripp to set aside the action of the annual school meeting of district no. 3, Barrington, Yates co. Appeal sustained. Decided September 20, 1909.
- 5415 Frank Fuss from action of school district meeting in district no. 5, Napoli, Cattaraugus co. Appeal dismissed. Decided September 21, 1909.

5392

In the matter of the appeal of Ebenezer J. Preston et al. from the action of the annual district meeting of union free school district no. 9, town of Amenia, Dutchess co.

Qualifications of voters; failure to deny allegations. Where the appellants allege on information and belief that certain persons are not qualified to vote, such allegations will be taken as true unless controverted by answer.

Idem; residence of wife. A wife whose husband lives outside of a school district is not a qualified elector of such district in the absence of proof that she is divorced from her husband or living separately from him.

Idem; leases made on day of meeting. A person may not qualify as a voter by hiring land on the day of the meeting for a nominal consideration. To qualify a person as a hirer of real property and make him eligible as a voter, the lease must have been made in good faith so as to give the tenant some actual and substantial interest in the district and its affairs. A lease made for the sole purpose of qualifying the tenant as a voter is ineffectual.

Idem; deeds to wife. A married woman does not become qualified as an elector by a deed from her husband executed a few days prior to the meeting but never recorded, conveying a joint interest in the home occupied by them, where it appears that such transaction was for the purpose of qualifying the wife as a voter.

Idem; joint lease to husband and wife. Where a few days before the meeting a joint lease was made to a husband and wife in place of a lease formerly held by the husband, the wife is not a hirer of real property within the meaning of the statute.

Idem; lodgers and boarders. To constitute a hiring under the statute the relation of landlord and tenant must exist. Such a relation does not exist between a boarding house keeper and a boarder or lodger, nor does it exist where the owner of a building permits a person to occupy a room as a lodger, the owner retaining the legal possession of the whole house.

Idem; ownership of reversion. The ownership of a reversionary interest in real property is not such a present ownership as qualifies a person as an elector.

Idem; deeds and leases for the purpose of qualifying electors. Whenever it appears that deeds and leases which, while colorably giving title, were made for the purpose of giving the grantees or tenants the apparent right to vote, they will be regarded by the Department as a fraud upon the statute, and will confer no right to vote at a school meeting.

Decided November 16, 1908.

Allison Butts, attorney for appellants

James E. Carroll, attorney for respondents

The appellants, Ebenezer J. Preston, Lewis F. Eaton and Benjamin H. Fry, are taxpayers and duly qualified voters of union free school district no. 9, town of Amenia, and appeal from the action of the annual school meeting held in and for such district on the 4th day of August, 1908, in respect to the following matters:

1 The adoption of a proposition to increase the number of trustees of said school district from three to five.

2 The election of James P. Monohan, John Q. Tobin and Michael O'Connor as trustees thereof.

It appears from the pleadings that 204 votes were cast in favor of the proposition, and 154 votes against it; and that 194 votes were cast for the above named trustees and 137 votes were cast in favor of John R. Thompson jr, Benjamin H. Fry and Dudley C. Culver for such offices. The ground of the appeal consists of the alleged disqualification of 88 persons who voted in favor of the above proposition, and 79 persons who voted for the successful candidates for trustees of such district. The respondents in their answer allege that of the 154 voters who voted against the proposition to increase the number of trustees from three to five, and of the 137 votes in favor of the unsuccessful candidates for trustees, 14 were not qualified voters of the district and were not entitled to vote on such proposition, or for such candidates.

The appellants have included in their petition two lists, schedules A and B, containing the names of the alleged disqualified voters who voted for such proposition and in favor of the successful candidates for trustees. Schedule A contains the names of 80 persons and states in what respect they were disqualified and alleges at the end thereof that they were all challenged before they voted. Schedule B contains the names of 8 persons but it appears that none of them were challenged. It also appears that of the 14 persons

whom the respondents allege were not entitled to vote at the meeting 6 were not challenged before voting. It is a well established rule in appeals of this character that if a qualified voter be present at a meeting and permit a person, known to him to be unqualified for any cause, to vote without challenge, he will not thereafter be allowed to object to the proceedings of the meeting because such unqualified voter participated therein. This rule is here reaffirmed. Its justice is apparent, for it is obvious that if the right of challenge had been exercised by either of the appellants the alleged unqualified voter might have refused to vote and there would then have been no cause for complaint so far as he was concerned. The application of such rule to the present case reduces the number of alleged unqualified voters who voted for the proposition from 88 to 80, and of those who voted against from 14 to 8.

It will first be proper to consider the alleged disqualifications of the 80 persons who voted in favor of the proposition to increase the number of trustees from three to five. Of this number 11 are named in schedule A of the appellants' petition and it is alleged in substance in respect to each that he or she neither owns nor hires real property nor is in possession of such property under a contract of purchase, nor owns any personal property assessed on the last preceding assessment roll of the town of Amenia. Five of these 11 are married but it is alleged that none of them has children of school age who attended school in the district for at least eight weeks during the year preceding the annual school meeting in question. These allegations were made on information and belief, but are sufficiently specific to indicate what constitutes the alleged disqualification. The respondents have not denied these allegations; the fact that they were on information and belief did not dispense with the necessity of setting up by opposing affidavits the facts on which the respondents rely for sustaining the qualifications of these voters. It is doubtless true that the burden is on the appellants to show that the persons named who voted at the meeting were not qualified voters, but it must be held that where allegations are made showing a want of legal qualifications they will be taken as true unless controverted in the answer of the respondents. By a failure to answer as to these 11 alleged disqualified voters the respondents have admitted their disqualifications, and they must therefore be eliminated from the count in favor of the proposition to increase the number of trustees from three to five.

The elimination of these 11 voters leaves for consideration the qualifications of 69 persons whose names appear in the appellants'

schedule A. Two of these persons Marie E. Blot and Theresa Barhyte are clearly nonresidents. Both of these women are married, the former living with her husband near Williamsbridge, and the latter with her husband in the suburbs of New York. It does not appear that either is divorced or is living separately from her husband. There is nothing in the respondents' affidavits which overcomes the presumption that in each case the residence of the wife is that of her husband, and I must therefore hold that these two women are nonresidents and were not qualified to vote at such school meeting.

It is contended in respect to the other persons named by the appellants as being disqualified, that they neither own nor hire real property in the district liable to taxation. The statute provides that "every person of full age residing in any school district and who has resided therein for a period of 30 days next preceding any annual or special election held therein, and a citizen of the United States, *who owns or hires*, or is in the possession under a contract of purchase, of real property in such school district liable to taxation for school purposes * * * is entitled to vote at any school meeting held in such district etc." It must be ascertained whether the persons named "own or hire" real property within the meaning of the statute.

Nineteen of the persons named by the appellants as disqualified base their claim to qualification upon subleases made to them on the day of the meeting. It appears from the respondents' affidavits that on August 4, 1908, John Flanagan leased from Margaret McEnroe a tract of land within the district for the annual rental of \$10. The said Flanagan on the same day divided this land into 20 lots each 25 feet by 150 feet, and sublet the same to 20 persons for the sum of \$1 per year. Each of these persons voted at the school meeting although challenged. It appears from the appellants' affidavits in reply that this land was worthless for agricultural or building purposes. The respondents' attorney does not deny that this transaction was entered into for the sole purpose of making the subtenants qualified voters at the school meeting to be held in the evening of the day on which such subleases were executed. It is contended by him that there can be no inquiry as to the motive of the hiring; that if the hiring was actual the persons were qualified as voters regardless of the value of the property or the time when the lease was executed. In other words, it is insisted that the language of the statute must be literally construed and applied without regard to its intent; if a person shows that he is the owner

or hirer of taxable real property within the district at the time of the meeting, inquiry must stop, and the person be permitted to vote. This doctrine must be emphatically refuted. Its application would lead to a nullification of the statutory limitation on the right to vote at school meeting, and make it possible for any person for a nominal sum to clothe himself with the essential property qualifications. It is a familiar rule of statutory construction that the real intent of a statute, when ascertained, will always prevail over the literal sense of the language; because both the canons of the verbal criticism and the rules of grammatical construction must yield alike to the manifest spirit and intent of an enactment. The intent of the provision prescribing ownership or hiring of taxable real property as one of the qualifications of a voter at a school meeting where such voter is not the parent of a child of school age who has attended school for the required period of time during the preceding year, is to limit the right to vote to those who have some actual and substantial interest in the district and its affairs which may be affected by the failure to properly administer the affairs of the school. To permit a person to qualify by hiring land on the day of the meeting for a mere nominal consideration would result in the subversion of this legislative intent and render ridiculous and absurd a wise and appropriate statutory limitation. These 19 voters were not qualified and their votes should be eliminated from the count.

Closely allied in principle to the transaction last described is that of a joint lease of a tract of land for alleged gardening purposes to Jennie McEnroe, Mary McEnroe, and Carrie McEnroe on July 30, 1908, five days before the meeting. This land was leased for \$12 per year, and was divided into three parcels each 15 feet by 6 feet; but little planting was done and no actual attempt was made to do any gardening. The lessees were school teachers, home on their vacation. It is clear that this hiring was also for the purpose of qualifying the lessees as voters, and for the reasons stated above these women were not qualified voters and their votes should not have been counted.

In the case of Mary Tompkins, Victoria Ahearn and Ida Flynn. it appeared that their respective husbands joined with them in the hiring of the premises where they had lived; that the alleged leases were executed August 1, three days before the meeting, and that at and prior to such time the leases were in the names of the husbands. The alleged joint hiring was made for the sole purpose of qualifying these women as voters at this meeting. It was not such a hiring as

the statute contemplates and their votes should not be counted. Mary Farley and Jane Foley claim to be qualified voters because of deeds executed by their husbands conveying to them a joint interest in their respective homes. These deeds were executed August 1, and have never been recorded. No attempt has been made to rebut the presumption that the deeds were executed to qualify the wives as voters and were not therefore in good faith. These women were not qualified to vote at such meeting, and their votes must be eliminated.

Another class of persons attempted to qualify by asserting that the rooms occupied by them at the places where they boarded were hired by them at a stated price per month. From the affidavits of these persons it appears that they have hired the rooms occupied by them, but it appears also from the affidavits presented by the appellants that they board at the same places. To constitute a hiring within the statute the relation of landlord and tenant must exist. These persons are either boarders or lodgers, but they are not tenants. It is not shown in any case that the occupancy of the room hired was separate and independent from that of the rest of the house. In order to constitute a tenancy, or a hiring under the sections of the Consolidated School Law, prescribing the qualifications of voters at school meetings, there must be a putting of a lessee into the exclusive occupation of the apartment, and not a mere admission of a common lodger or inmate, the landlord retaining the legal possession of the whole house. To permit every person who lodges or boards at a certain place to assert that he hires the room occupied by him and is therefore qualified as a voter under this statute would subvert the very purpose of the statutory limitation. The limitation is an absurdity if every person who occupies a room as a lodger or boarder is a qualified voter, even though, as is claimed here in some cases, the hiring of the room is a transaction distinct from that of the agreement for board. Applying the principles here declared, I find that the following 13 persons who voted at such meeting were not qualified and their votes should not have been counted: William Thompson, Timothy Flanery, William Maloney, John Doyle, Jennie Cogan, Agnes Cogan, Margaret Cogan, Alexander de Manchi, James P. McEnroe, Patrick Ormond, Charles B. Sackett, Miles Linehan and John P. Riley.

Another class consists of farm laborers and domestics who work for their employers for a specified wage, including board and room, and who claim to hire rooms in the district containing personal effects and maintained by the occupants for their personal con-

venience. No formal leases are shown nor are any allegations made indicating that the relationship of landlord and tenant actually existed. The circumstances clearly show that, even if such relationship did exist it was created for the sole purpose of constituting these persons qualified voters. It must therefore be held that Sarah Folan, Edward Flanagan, Elizabeth Hines, Thomas Kenney, Lackey Burns and Margaret Murray (6 persons) are not qualified voters of such district and their votes should not have been counted.

James McEnore shows by affidavit that he hires a room in the house of Catherine Hart for \$5 a month and boards with his brother Thomas McEnroe. He is a lodger and not a tenant and should not have been allowed to vote.

Mary Wade in her affidavit alleges that she owns real property conveyed to her by her father by deed executed August 1, 1908, in which the grantor reserves a life interest. It thus appears that she had only a reversionary interest in the premises. It has been held by this Department that the ownership of a reversionary interest in real property is not such a present ownership as qualifies an elector at a school meeting. [Appeal of Wilcox, no. 3722 (1891)] It must therefore be held that Mary Wade was not a qualified voter and her vote should not have been received.

The qualifications of 61 persons who voted at the annual school meeting of this district on August 4, 1908, for the proposition to increase the number of trustees from three to five have been considered and from the facts appearing in the affidavits presented by both parties to this appeal and for the reasons above stated I now hold that none of these persons were qualified electors on such date and they should not have been permitted to vote. The remaining 19 persons named in the appellants' schedule A may or may not have been qualified. It is only necessary for the purpose of determining this appeal to consider the qualifications of the others named. The boldness of the effort made to qualify a sufficient number of persons to safely control the meeting in question as evinced by the papers in this case, raises a presumption against the validity of the voters of all those remaining. But it will answer the purpose of this appeal to assume that this presumption has been met and admit that they legally voted for the proposition in question. Furthermore it is unnecessary to determine as to the legality of the 8 votes cast against such proposition by the persons named in schedule A as having been challenged at the meeting; for admitting that they were not qualified there still remain 146 valid votes cast against such proposition. Eliminating the votes cast in favor of

such proposition by the persons who I have above decided were not qualified electors of the district, there remains a total of 143 votes. I therefore decide that the proposition for increasing the number of trustees of union free school district no. 9, town of Amenia, county of Dutchess, was not legally adopted, and that the election of James P. Monahan, John Q. Tobin and Michael O'Connor as trustees of said district was illegal and is hereby set aside.

In rendering this decision I will state for the future guidance of this and every other school district in the State that whenever it appears that deeds and leases which, while colorably giving title, were made for the purpose of giving the grantees or tenants the apparent right to vote, they will be regarded by this Department as a fraud upon the statute and will confer no right to vote at school meetings. The Department reserves the right to examine the good faith of every transaction tending to qualify a person as a voter. If it may be adduced from the evidence that the object of such transaction was to qualify a person as an elector, it will be rejected and its purpose frustrated if it lies within the power of the Department.

The appeal herein is sustained.

It is ordered, That the action of the annual school meeting held in and for union free school district no. 9, town of Amenia, county of Dutchess, in adopting a proposition to increase the number of trustees of said school district from three to five be, and the same is, hereby vacated and declared to be null and void.

That the election at such meeting of James P. Monahan, John Q. Tobin and Michael O'Connor as trustees of such district be, and the same is, hereby set aside.

5396

In the matter of the election in union free school district no. 1, of the town of Walton, Delaware co. held August 5, 1908.

Ballots for long and short term. When three trustees are to be elected for a full term, and one for the balance of an unexpired term, the ballots must designate the terms for which the candidates are to be elected. Ballots which do not specify the terms are void, in the absence of evidence to show for whom the persons voting such ballots intended to vote.

Defective ballots; intent of voter. A person who can identify a ballot cast by him for a school officer will be permitted to explain, on appeal, ambiguities and uncertainties contained therein, to the end that his intent may be ascertained and his vote counted in favor of the

candidate of his choice. The voter's intent must, however, clearly appear by definite, positive and unequivocal statements.
Decided November 24, 1908.

It appears from the papers in this appeal that at the annual school meeting held in union free school district no. 1, town of Walton, county of Delaware, nominations were made to fill the offices of three trustees, whose terms expired at that time, and to fill a vacancy caused by the resignation of one of the trustees during the preceding year. John G. More, William F. White and William D. Burns were named at this meeting as candidates to fill the vacancies caused by the expiration of the terms of the three outgoing trustees. Rev. R. C. Reed and William M. Peck, the appellant, were nominated to fill the unexpired term of the trustee who had resigned. R. W. Scott was named as a candidate for district clerk. No other nominations were made at this meeting for any of these offices. The election of these officers took place on the following day, August 5. In accordance with the nominations made at the meeting held on the evening of August 4, two sets of printed ballots were prepared, and deposited near the ballot box at the voting place. These ballots were in the following forms, designated nos. 1 and 2:

No. 1

FOR TRUSTEES
Full term
William F. White
John G. More
W. D. Burns

FOR TRUSTEE
Short term
R. C. Reed

FOR CLERK
R. W. Scott

No. 2

FOR TRUSTEES
Full term
William F. White
John G. More
W. D. Burns

FOR TRUSTEE
Short term
William M. Peck

FOR CLERK
R. W. Scott

When the polls were closed and the votes counted it appeared that two other sets of ballots had been prepared and voted. These ballots were in the following forms, designated nos. 3 and 4:

No. 3

FOR TRUSTEES

Full term
 E. W. Harris
 John G. More
 W. D. Burns

FOR TRUSTEE

Short term
 William M. Peck

FOR CLERK

R. W. Scott

No. 4

FOR SCHOOL TRUSTEES

John G. More
 W. D. Burns
 William M. Peck
 R. C. Reed

Twenty-six electors voted ballot no. 1; 13, ballot no. 2; 13, ballot no. 3; and 6, ballot no. 4. One ballot was cast the same in form as no. 3, except that the name of R. C. Reed was written in the place of W. D. Burns. There were thus 59 ballots cast. The trustees acting as canvassers counted the votes for trustee and announced the result to be as follows: John G. More, 59; William F. White, 39; W. D. Burns, 57; E. W. Harris, 14; R. C. Reed, 33; William M. Peck, 33. They then declared that John G. More, William F. White and W. D. Burns had been elected as trustees for the full term, and that as R. C. Reed and William M. Peck had each received 33 votes there was no election of trustee for the short term.

The provision of the Consolidated School Law relative to ballots at elections of district officers in union free school districts having more than 300 children of school age, is as follows: "Such ballots shall contain the names of the persons voted for, and shall designate the office for which each one is voted. The ballots may be either written or printed, or partly written and partly printed." There were three trustees to be elected in this district for a regular term of three years. There was one trustee to be elected for an unexpired term of one year. To comply with the statute it was necessary that each elector should designate on his ballot the persons for whom he wished to vote for the full term, and the person for whom he wished to vote for the short term. He could only vote for three for the full term and for one for the short term. The three candidates receiving the greatest number of votes for trustees for the full term and the candidate receiving the greatest number of votes for trustee for the short term should have been declared elected.

The first question pertains to the validity of the six ballots cast in the form above designated as no. 4. The names of both Reed and Peck, the two opposing candidates for the short term, appear upon these ballots, that of Peck being printed and that of Reed being written at the end of the ballot with the name of *White* marked off. The appellant contends that the striking out of the name of White, who was a candidate for trustee for the full term, and adding Reed's name at the end, and leaving on that of Peck, indicates the intent of the elector to vote for Reed for the long term in the place of White, and for Peck for the short term. I do not think this contention can be sustained. There is nothing on the face of these ballots indicating the preference of the voters in respect to the two opposing candidates for trustee for the short term. A person who can identify a ballot cast by him for a school officer will be permitted to explain, on appeal, ambiguities and uncertainties contained therein, to the end that his intent may be ascertained and his vote counted in favor of the candidate of his choice. The voter's intent must, however, clearly appear by definite, positive and unequivocal statements. In the absence of sufficient evidence to establish such intent these ballots must be declared fatally defective and therefore void. Four of the six persons voting these ballots have made affidavit to the effect that they intended to vote for More, Burns and Reed for trustees for the long term, and for Peck for trustee for the short term, and three of these four also made affidavit that they supposed the four candidates were all in the same class and that they did not know that some were candidates for the long term and others for the short term. I am of the opinion that these affidavits are not sufficient to explain the preferences of the voters casting these ballots and that they should not therefore have been counted.

The remaining question is in respect to the ballot in the same form as no. 3, on which the name of W. D. Burns was erased and that of R. C. Reed was written in place thereof. This ballot must be counted as a vote for Reed for trustee for the long term, and as a vote for Peck for the short term.

All the ballots actually cast at this election have been submitted by the respondents on this appeal and a recanvass is therefore possible. Applying the holdings heretofore made such ballots should have been counted as follows. Total votes cast 53. Trustees for long term, John G. More, 53; William F. White, 33; W. D. Burns, 52; E. W. Harris, 14; R. C. Reed, 1. Trustee for short term, William M. Peck, 27; R. C. Reed, 26. It thus appears that John G.

More, W. D. Burns and William F. White were elected trustees for the full term of three years, and that W. M. Peck was elected trustee for the unexpired term, and I so decide.

The appeal herein is sustained.

It is hereby ordered, That so much of the proceedings of the annual election of union free school district no. 1, town of Walton, county of Delaware, held August 5, 1908, as declared the vote for the office of trustee in such district, to fill the vacancy caused by the resignation of J. A. Holley, to be a tie, is hereby set aside.

It is hereby further ordered, That William M. Peck who is hereby declared to have been elected at such election to fill such vacancy, on and after the filing of this decision as hereinafter directed, shall be a member of the board of education of such district for a term to expire at the time of the annual election in 1909, and that he shall perform the duties and have the powers imposed or conferred by law upon the members of such board.

5398

In the matter of the application of Lucy Loomis for an order directing the trustees etc. of union free school district no. 6, town of Hartford, Washington co. to provide conveyance for her children to school.

Transportation of children; duty of parents. An order compelling school authorities to provide transportation for children remotely situated from the school will not be made unless a clear case of hardship is shown. If the petitioner has horses, wagons and sleighs, used by him in his business as a farmer the district will not be compelled to furnish conveyance for his children. The law providing for transportation was not intended to relieve parents of their moral and legal obligations to provide their children with a suitable education.

Decided December 8, 1908.

J. B. McCormick, attorney for petitioner

W. W. Norton, attorney for respondent

The appellant, Lucy Loomis, complains of the refusal of the board of education of union free school district no. 6, town of Hartford, county of Washington, to provide conveyance for her two children to and from the union free school in such district. It appears from the papers that the petitioner and her husband are farmers living on their own farm about $2\frac{3}{10}$ miles from the school in the village of Hartford. Their farm is not large and they both state in their affidavits that they are too poor to hire others to carry their children

to and from the school. They have two horses and wagons and sleighs. But they assert that if their horses are used for conveying their children the business of their farm will be seriously inconvenienced and that a loss will be sustained which they can ill afford.

It is the theory of the law that where children of school age reside such a distance from the schoolhouse in the district that they are unable to walk and their parents are so poor that they can not take them to and from school, the district may, at a meeting of the qualified electors thereof, vote to provide such conveyance, to the end that children so situated shall not be deprived of school advantages. There is no doubt but that in a proper case an order may be granted directing a trustee or board of education of a district to take measures to provide for such conveyance. Such an order should not, however, be directed against a trustee or board except in a clear case of hardship. It will be presumed that the school authorities have dealt fairly with an application for such assistance.

It has been held that transportation will not be ordered where the petitioner has horses, wagons and sleighs used by him in his business as a farmer. In such a case he should provide conveyance for his children, even if by so doing he suffers financial loss. A claim that he needs his horses for farm work and that he can not spare the time from his farm work will not be considered. [Appeal of Turner, no. 5236, 1895] The law was not intended to relieve parents of their moral and legal obligation to provide their children with suitable education. This obligation is coexistent with the duty to provide support and maintenance. While public conveyance to children remotely situated from a school will be frequently afforded where relief would not be granted by poor officers yet it must be clearly shown that such children will be practically deprived of school advantages unless such conveyance be provided, before this Department will interfere. The petitioner herein has not made out such a case. She relies also upon the fact that the respondents are already providing conveyance for two children living a mile beyond her on the same road. She insists that the board shows malice against her in carrying these children without a similar provision for her own. It appears that the mother of the children carried is poor, supporting herself and family by days' labor, and that she lives over 3 miles from the school and has no means of conveyance of her own. This is a very reasonable exercise of discretion on the part of the board, and the petitioner may not be heard to complain thereof.

The petition is dismissed.

5399

In the matter of the dissolution of school district no. 2, town of Schroon, county of Essex.

Dissolution and annexation of school districts; opposition of electors of dissolved district. A school commissioner dissolved a district adjoining a union free school district and annexed the territory thereof to such union free school district. The action was taken by the school commissioner under § 9 of title 6 of the Consolidated School Law [Education Law, § 27] which did not require the consent of the trustee of the dissolved district. Nearly all the qualified electors of such district were opposed to the dissolution. The union free school district had just built a new schoolhouse and the district was bonded for \$6000. The dissolved district was strong enough numerically and financially to maintain a good common school. It was held that where the practically unanimous opposition of the electors of a dissolved district is presented, together with the extension of an existing bonded indebtedness of one district over the territory of the district dissolved, the order of dissolution will be set aside unless it is apparent that the educational advantages of the new district are overwhelmingly superior to those afforded by the district dissolved.

Decided December 29, 1908.

This is an appeal by Darius B. Squires, Leroy B. Crane and Henry Bohrman, taxpayers in school district no. 2, in the town of Schroon, Essex co. from an order made by Freeman C. Pond, school commissioner of the second commissioner district of Essex county, dissolving school district no. 2 of the town of Schroon and annexing a part thereof to school district no. 1 in such town and another part to school district no. 8 of said town. The order of dissolution was made by the commissioner by virtue of the authority vested in him under section 9 of title 6 of the Consolidated School Law.

The appellants are residents and taxpayers of that part of district no. 2 which is annexed to district no. 1. District no. 1 is a union free school district having a school of four departments. The order dissolving such district no. 2 and altering the boundaries of districts nos. 1 and 8 of such town of Schroon was duly signed by said Freeman C. Pond on June 30, 1908, and filed in the office of the town clerk of the town of Schroon July 10, 1908. The form of this order is not attacked by the appellants.

On the hearing before me the attorney for the appellants did not insist upon the objections raised in the petition to the sufficiency and regularity of the proceedings instituted by the school commissioner, and to the validity of the order entered in such proceedings. It only remains to be determined whether or not the commissioner was

justified in dissolving district no. 2, and annexing the territory embraced therein to districts nos. 1 and 8.

District no. 1 comprises the unincorporated village of Schroon Lake with a permanent population of about 450. The business and social interests of the community are centralized in this village. The principal roads leading to and from it are maintained in a passable condition at all times of the year. The assessed valuation of the real and personal property in this district is about \$102,000, with a tax rate of \$2.20 on the hundred.

Prior to the making of the order dissolving district no. 2, and annexing a part thereof to district no. 1, a new school building had been erected in the latter district, at a cost of about \$6000, for the payment of which bonds were issued payable in 12 equal annual instalments. One of these instalments has already been paid. The new school building was erected quite near the boundary line between districts nos. 1 and 2 apparently for the better accommodation of the inhabitants of the latter district should the consolidation of the two districts be effected.

District no. 2 has an assessed valuation according to the trustee's report for 1908, of \$40,294, over half of which is assessed to non-residents owning summer homes, cottages, hotels and boarding houses on or near the shore of Schroon lake. It would appear from the petition that nearly or quite all the qualified electors and taxpayers of district no. 2 are opposed to the consolidation. Forty-eight (48) of them, paying taxes on about 80% of the entire assessed valuation of the district, signed a protest against it. Sixteen of these are nonresidents, owning summer cottages and homes within the district. These nonresidents own property in the district having an assessed valuation of \$22,350.

The bonded indebtedness of district no. 1 was voted by the qualified electors thereof for the erection of a new school building without any special effort to ascertain whether the electors of district no. 2 would agree to join with them in sharing this burden. It seems to have been assumed that the consent of district no. 2 was immaterial. The order of dissolution and consolidation was subsequently issued. As a result the taxpayers in district no. 2 are made to assume an indebtedness without their consent. The school commissioner states that a number of taxpayers and residents in district no. 2 expressed their willingness to be taken into the new district. But there was no effectual effort made to secure an expression of the will of all the qualified electors and taxpayers of dis-

trict no. 2 either by the commissioner prior to the execution of his order or by the trustees of district no. 1 prior to the location and erection of the new schoolhouse in that district.

Two very weighty objections against the validity of this order are thus presented: (1) The practically unanimous opposition of the qualified electors and taxpayers, and (2) the extension of an existing bonded indebtedness of one district over another district without the consent of the latter. To overcome either of these objections it must clearly appear that the educational interests of district no. 2 are greatly advanced by the consolidation. Where both objections exist a merely comparative superiority of subsequent school facilities over those existing prior to the consolidation, would be insufficient. Such superiority must be overwhelming—so insuperably great as to make it the absolute duty of the school commissioner in the promotion of the educational advantages of the district affected, to make the order of consolidation. It may be assumed that the school in district no. 1 will afford better educational facilities than that in district no. 2. District no. 1 has a new building with modern furniture and apparatus; the school is graded and taught by four competent teachers. The school in district no. 2 is ungraded, with one teacher having an elementary license; nothing but elementary subjects are taught therein. The residents and taxpayers say they are willing to maintain a good common school and it is evident that the financial resources of the district are sufficient for the purpose.

I have held that where a district is sufficiently strong to maintain a good common school and the residents and taxpayers thereof are willing to contribute to its support, such district should not be dissolved and consolidated with another district against the wishes of a majority of such residents and taxpayers. [Appeal of Donel, no. 3904, August 1890; Appeal of Olenhouse, No. 4012, October 1891] In the case at hand the children of the district will be required to travel increased distances to reach the schoolhouse in district no. 1. These distances are not very considerable, and, but for the almost unanimous objection to consolidation on the part of the residents and taxpayers of the district, would not be material. In a case somewhat like this, decided by me as Superintendent of Public Instruction in 1891, I set aside a school commissioner's order, dissolving a district, upon evidence that a respectable portion of the patrons of the school demands a continuance of the school facilities which had been afforded them by the dissolved district. [Appeal of Gulick, no. 4018, November 1891] The fact that a district is relatively weak and that the school in the district to which it is to

be annexed is larger and more liberally equipped, is not of itself sufficient to justify its dissolution when the evidence tends to show that nearly all of the patrons of the school object to such dissolution. This principle has been laid down by me in the case of the appeal of Fogarty. [No. 3930, December 1890] Many other decisions of this Department might be cited supporting the proposition that dissolution is only favored where the district affected is weak either numerically or financially, and where the educational interests of the district would thus be greatly advanced. Where there is neither pronounced weakness nor any desire for dissolution and annexation on the part of the people of the district, the commissioner should not take such action unless the educational necessities of the district demand it. It can not be said that district no. 2 is weak in any sense. It has sufficient taxable property to properly maintain a good common school. The people of the district are willing to be taxed for this purpose.

The apparently almost unanimous desire of the residents and taxpayers of district no. 2 to continue their school in that district and their emphatic protest against the added burden of the bonded indebtedness of district no. 1, incurred without their consent and without reference to their wishes, leads me to doubt the advisability of dissolving district no. 2 and annexing any portion of it to district no. 1. The educational advantages derived from the consolidation are not sufficiently great to justify the issuance of the order and I can not therefore sustain it.

I come to this conclusion reluctantly for I am sure that the school commissioner issued the order complained of in entire good faith, believing that the educational interests of the community affected would be materially advanced thereby. He claims that he was influenced in his action by the suggestions of members of the Department staff. If this is to be mentioned it should also be said that the Law Division advised him that consolidation might be justified if provision were first made for the payment of the cost of the erection of the new building in district no. 1 by appropriation. However this may have been I can not allow my decision of this appeal to be so controlled. The Commissioner of Education acts judicially in the determination of appeals brought to him under the law and his decisions should not be affected by the acts and statements of his subordinates.

Owing to a misapprehension of the effect of the order appealed from, the residents of district no. 2 have maintained a school during the pendency of this appeal. No stay was asked for or granted.

The commissioner's order took effect from its entry, and from that date district no. 2 was dissolved and ceased to exist. The school maintained in that district subsequent to the date of the entry of the order was not legally a public school; but owing to the peculiar circumstances of this case I have deemed it advisable to legalize the action of the district in respect to such school.

The appeal herein is sustained.

It is hereby ordered, That the order of Freeman C. Pond, school commissioner of the second commissioner district of Essex county, dissolving district no. 2, town of Schroom, Essex county, and annexing portions thereof to districts nos. 1 and 8 of such town, filed in the town clerk's office of such town on July 10, 1908, shall be and the same is, hereby set aside and declared of no effect.

It is hereby further ordered, That all the actions and proceedings taken by district no. 2, and any of its officers, pertaining to the maintenance of a school in such district, from the date of the filing of such order, are hereby legalized, ratified and confirmed and declared to be of the same force and effect as though such order had not been made.

5401

In the matter of the appeal of Robert Thompson, school district no. 10, Depeyster, St Lawrence co.

Ballot for trustee. Where two ballots for trustee were declared a tie, and a third ballot for the office was announced, votes cast on such ballot which stated that they were for a certain person for the office of collector, should not be counted, and if all the other votes were for a person named as trustee, he should be declared elected.

Resolution to change site of schoolhouse. A resolution adopted at a special meeting which provided for a change of the "location of the schoolhouse to the center of the district," and did not describe the proposed site by metes and bounds, is fatally defective.

Decided March 1, 1909.

W. A. Stamp, attorney for appellant
Waterman & Waterman, attorney for respondent

This appeal is brought by Robert Thompson on a petition complaining of the proceedings of the annual meeting of school district no. 10, town of Depeyster, county of St Lawrence, held August 4, 1908, whereby Fred E. Hurlburt was declared elected trustee of such district. It is further alleged by the appellant that the said Hurlburt unlawfully moved the school building from its former site to a site across the highway therefrom. It appears that at a

special meeting called for the purpose it was voted to change the location of the school building to a point at the corner of the district. The petition is defective and inadequate to inform as to the relief desired. It contains no prayer for relief, and it is not easily understood therefrom as to what is required.

It is alleged that Fred E. Hurlburt was not legally elected as trustee; that he is unlawfully performing the duties of that office. The appellant and respondent were both candidates for the office. There were two ballots, both of which resulted in a tie. It is claimed that one of the voters for Hurlburt was not a qualified elector. It does not appear that she was challenged and obviously was permitted to vote without question or protest. It is now too late to raise any such objection. Hurlburt was chairman of the meeting and it is claimed by the appellant that he had no right to vote for himself. This position is untenable. A chairman of an annual school meeting may vote for himself as trustee. The two ballots were therefore legally declared a tie. Upon the third ballot for trustee it appeared that four votes were cast for Hurlburt for trustee and four votes for another person as collector. It is apparent that Hurlburt's opponents misunderstood the purpose of the ballot. The appellant and his wife insist in their affidavits that the ballot was announced as for collector. The respondent and his wife are equally insistent that the ballot was announced as a third ballot for trustee. There is nothing to show which man and his wife are telling the truth. If this ballot was announced as for trustee, the votes cast for persons named as candidates for collector were properly excluded, and therefore the election of Hurlburt was valid. It certainly was in order to proceed with the balloting for trustee before voting for a collector. The persons voting should have known this. I am of the opinion that under the circumstances the respondent should be permitted to continue in office until the expiration of his term.

The official acts of Hurlburt are valid so far as they are within the legal scope of his office. The appellant complains that the respondent disregarded the resolution adopted at the special meeting held August 15 which provided for the change of the "location of the schoolhouse to the center of the district." It does not appear that the resolution described the proposed site by metes and bounds as required by law. From what is contained in the record of this case I have no hesitation in concluding that the resolution adopted at this meeting is fatally defective and did not bind the trustee. He may have exceeded his authority in moving the school building to a site across the highway from the former site. But it appears that

the former site was leased to the district by Mary C. Thompson for a term of years; that it expired in June 1908 and that she refused to renew the lease. This condition may have justified the action of the trustee. It is unnecessary, however, to decide this question at this time. The schoolhouse should be permanently located on a site selected as required by law. The action of the special meeting in attempting to change the site was illegal. Another special meeting of the district should be called by the trustee at which a resolution should be voted upon describing definitely the location and boundaries of the site selected. A suitable site should be agreed upon. It should be located at a place as conveniently accessible as may be to the children of the district, having in view the accommodation of a majority of them. Swampy or badly drained places should be avoided even at the expense of accessibility.

The appeal herein is dismissed; but

It is hereby ordered, That Fred E. Hurlburt, trustee of district no. 10, town of Depeyster, county of St Lawrence, within 60 days after the filing of this decision as hereinafter directed, issue and cause to be served, as provided by law, a notice of a special meeting of the qualified electors of such district for the purpose of voting upon a resolution designating a site for the schoolhouse in such district.

5402

In the matter of the appeal of Frank Sherman for a branch school in district no. 1, town of Caroga, Fulton co.

Establishment of branch school. A trustee may establish a branch school whenever the conditions prescribed by the Education Law, section 196, subdivision 5, are found to exist without regard to the previous act of a district meeting. His determination as to the establishment of such school will not be disturbed on appeal unless it be shown by a fair preponderance of evidence that the prescribed conditions do actually exist.

Number of children to be accommodated. Unless a considerable number of children are to be accommodated by a branch school it should not be established, notwithstanding the remoteness of their residence and the hardships to be endured by them in reaching the main schoolhouse. A branch schoolhouse should not be established to accommodate the three children of a single taxpayer.

Decided March 4, 1909.

Dudley & Dennison, attorneys for appellant
N. H. Anibal, attorney for respondent

The petitioner herein complains of the action of Burtelle Foster, trustee of school district no. 1 of the town of Caroga, county of

Fulton, in refusing to establish a branch school in such district. It appears from the affidavits submitted that Frank Sherman, the petitioner, resides about 4 miles from the schoolhouse in such district. There is some conflict in the pleadings and affidavits as to the character of the road between the home of the petitioner and the schoolhouse. It is apparently an Adirondack road, comparatively little traveled, and 2 or 3 miles of it through the forests. In an ordinary Adirondack winter, a journey over it twice a day for a distance of 4 miles would tax the endurance of children of 7, 11 and 12 years, the ages of the children of the petitioner. In any event, there does not seem to be much question about the remoteness of the petitioner's location from the schoolhouse in his district. If this were the only question involved a decision might well be rendered in his favor.

This case must be decided, however, with a view of carrying out the purpose and intent of the law applicable thereto. By subdivision 5 of section 196 of the Education Law of 1909, (former Consolidated School Law, title 7 section 50) the trustee is clothed with full discretionary power to establish a branch school "whenever it shall be necessary for the due accommodation of the children of the district, by reason of any considerable number of said children residing in portions of said district remote from the schoolhouse in said district." This power may be exercised by him whenever the conditions prescribed are found to exist, without regard to the previous act of a district meeting. It is for the trustee to determine in the first instance whether such conditions exist. His determination is subject to review upon an appeal brought to the Commissioner of Education, but unless it be shown by a fair preponderance of evidence that the prescribed conditions do actually exist, and that he nevertheless refuses to establish a branch school his determination will not be disturbed. The petitioner has three children, all of compulsory school age. At the time the petition was filed another family resided in the same portion of the district with two children of less than 8 years of age. The father runs a summer hotel which is open from spring until fall; the remainder of the time the family is not in the district. The petitioner in effect asks, therefore, for a branch school for the sole accommodation of his own three children. The number of such children can not be said to be "considerable," within the meaning of the statute. It was not the purpose of the law to require a branch school with a separate teacher for so few children, especially when they all belong to the same family. Unless a considerable number of children are to be accommodated by the school it should not be established notwith-

standing the remoteness of the children and the hardships to be endured by them in reaching the main schoolhouse. The children of the petitioner are entitled to the benefits of the school in the district, but the trustee may not be compelled to take the school to their door. There is also a parental obligation resting upon the petitioner to give his children educational advantages. He should not be permitted to shift this burden upon his neighbors. If his business takes him into a remote district and his family goes with him, his children must either suffer the hardship of attending a school located a long distance from their home, or must be given equivalent instruction at home. When other families go into the same remote district where the petitioner now resides so that a considerable number of children would be accommodated by the establishment of a branch school, then the trustee may reasonably be required to establish such school. It is not necessary for a determination of this appeal to decide what number would be a "considerable number," within the meaning of the statute. Neither three nor five is sufficient.

The petition herein is dismissed.

5405

In the matter of the appeal of Anthony Swint from an order of the trustees of school district no. 11, town of Guilderland, county of Albany.

Pupils to attend branch school; duties of trustees. Where a branch school is established as provided by law, the trustees may set off a certain part of the district and insist that the pupils residing therein shall attend such school. The trustees should reasonably exercise such power with a view of carrying out the evident purpose, that is, the accommodation of those pupils who reside in portions of the district remote from the main schoolhouse. It is not reasonable to compel pupils to attend a branch school where it appears that they reside at a place more conveniently accessible to the main schoolhouse.

Decided May 3, 1909.

Stern & Hirschfeld, attorneys for appellant

The appellant appeals from an order given by the trustees of school district no 11, town of Guilderland, county of Albany, directing the appellant to send his children to the branch school instead of the main school in such district. The petitioner alleges that he has three sons of the ages of 8, 14 and 16, and one daughter of the age of 11. The branch school is on the other side of the Western turnpike from the residence of the appellant and is apparently

in an almost opposite part of the district. The road leading to such branch school from the residence of the appellant runs through the sand plain, sometimes through woods, and is at all times of the year a difficult road to travel, either on foot or in vehicles. The distance between the appellant's residence and the branch school is about 2 miles, and that between such residence and the main school is about $1\frac{2}{3}$ miles. The main school is upon the Western turnpike, about $\frac{4}{5}$ of a mile from the point of connection with the road leading to the residence of the appellant. The appellant lives about $\frac{4}{5}$ of a mile from this point. The Western turnpike is a main road leading into the city of Albany. It is frequently traveled and the appellant's business requires him to go over this road nearly every day.

From the facts stated it clearly appears that the attendance of appellant's children at the branch school, as directed by the trustees, is much more difficult than such attendance at the main school. Trustees may establish branch schools (1) for the accommodation of children residing in portions of the district remote from the schoolhouse therein; (2) where the room or rooms in such schoolhouse are overcrowded, or (3) where for any other sufficient reason the due accommodation of the children of the district can not be made in such schoolhouse. The branch school in this district was established for the first purpose above specified. There was a considerable number of children to be accommodated by such school all residing within a reasonable distance therefrom. From evidence on file in this Department it appears that there are 24 pupils registered as attending such school which is all that can be accommodated therein.

Where a branch school is established as provided by law, the trustees may set off a certain part of the district and insist that the pupils residing therein shall attend such schools. This discretionary power necessarily coexists with the power to establish the school. But it should be reasonably exercised with a view of carrying out the evident purpose of the law, that is, the accommodation of those pupils who reside in portions of the district remote from the main schoolhouse. It would not be a reasonable exercise of this power to compel pupils to attend a branch school where it appeared that they resided at a place more conveniently accessible to the main schoolhouse. This is especially so where both schoolhouses are overcrowded, as appears in this case.

The children of the appellant and the other pupils residing in his immediate neighborhood should be permitted to attend the main schoolhouse.

If such schoolhouse is inadequate to suitably accommodate all these children it is the duty of the district to increase its size, or to erect a new schoolhouse so as to afford reasonable school facilities. The qualified electors of the district should be given an opportunity to determine which of these courses should be followed and the trustees should immediately call a special meeting for such purpose.

The order of the trustees directing the children of the appellant to attend the branch school is unreasonable and should be set aside. I am informed that there are other children in the immediate neighborhood of the appellant who also have been directed to attend the branch school. The principles declared in this decision would apply to them, but the action of the trustees in respect to them not being at issue in this appeal I can not at this time make any formal order as to which school such pupils should attend. It is suggested however, that the trustees treat such pupils as though they were within the scope of this appeal, and permit them to attend at the main schoolhouse.

The appeal is sustained.

It is hereby ordered, That the notice or order of the trustees of school district no. 11, town of Guilderland, county of Albany, directing the children of Anthony Swint to attend at the branch school and not at the main schoolhouse in such district be set aside, and that the said trustees permit the children of the said Swint to attend at the main schoolhouse in such district.

5406

In the matter of the application of Truman Daniels for the annulment of the certificate of Percy C. Lance.

Revocation of teacher's certificate on ground of cruelty. A teacher's certificate will not be revoked on the ground of brutal punishment of a pupil unless it clearly appears by a preponderance of evidence that the teacher has been brutal in his treatment of pupils. A single case of undue severity in the treatment of a pupil who was disobedient and resisting the teacher in the exercise of his proper authority is not sufficient to justify revocation.

Decided May 6, 1909.

Herbert C. Teepell, attorney for the petitioner
Floyd L. Carlisle, attorney for the respondent

The petitioner, Truman Daniels, presents charges against Percy C. Lance a teacher in the public school at Glen Park, county of Jefferson, and asks that the certificate of the said Lance be annulled.

He alleges that Lance was guilty of brutally treating his son Pearl Daniels; that the said Lance choked, kicked and struck his son without just cause. It appears that the son had been operated upon for appendicitis some time before, and that the punishment he received at the hands of the respondent aggravated this difficulty. It does not appear anywhere that the respondent knew of the pupil's condition when he punished him. The respondent denies specifically the alleged brutality and explains how it became necessary to use force in disciplining the petitioner's son. It is apparently agreed that the pupil resisted the respondent when he attempted to take him from his seat. The evidence adduced clearly shows that the pupil hung to his seat and that the force used by the respondent was for the purpose of compelling the pupil to leave his seat as directed by the respondent.

It does not clearly appear that the respondent has been guilty of unreasonable force in punishing other pupils. One of the pupils makes two affidavits in one of which he states that he was punished by the respondent very severely, while in another he states that he never saw any brutal treatment by the respondent. These affidavits are not worthy of consideration. The respondent's associates in the school say that in their belief the respondent has not been brutal in his treatment of the pupils under him. The president of the board of education expresses his satisfaction with the work of the respondent as principal of the school; the matter was evidently brought before the board but no indication of any adverse criticism of the respondent for his treatment of the petitioner's son is shown.

There is nothing in this case to show that the respondent has been habitually brutal in his treatment of pupils. The petitioner has not been able to establish by a preponderance of evidence, the fact that the respondent has been brutal in his treatment of pupils in the Glen Park school. The respondent may have been unduly severe in his treatment of the petitioner's son. But the son was disobedient and resisting the teacher in the exercise of his proper authority. The discipline of the school would have suffered had such resistance been successful. The respondent may have unnecessarily injured the respondent's son in overcoming such resistance; but it can not properly be said that such conduct was so brutal as to justify the annulment of the respondent's certificate to teach.

Undue force in the punishment of a pupil will not be upheld by me. But it is not every case of such force by a teacher which will result in an annulment of his certificate. It has not been shown

to my satisfaction that the power conferred upon me by section 336 of the Education Law, to annul a teacher's certificate, should be exercised in this case, and I therefore dismiss the petition.

Petition dismissed.

5407

In the matter of the appeal of William Barss, Seymour Knickerbocker, George Owens, William Higgins, Mrs Fannie Persons, Mrs William Higgins, Nelson West et al. as inhabitants and electors of alleged school district, no. 8, in the town of Chester, Warren co.

Order establishing school district out of portion of dissolved district.

An order of a school commissioner which establishes a new school district out of a portion of a district which has been dissolved, which does not dispose of the remaining territory of the dissolved district nor show the alteration of the boundaries of the other districts to which it is assumed such remaining territory has been annexed, is defective and must be set aside.

Disorderly meeting; resolution legalizing act of trustee. A meeting is not necessarily illegal because disorderly. If a fair vote was taken upon a resolution, and the contending parties were equally blameable for the disorder, the action of the meeting will be sustained. A resolution accepting the act of a trustee in building a schoolhouse and authorizing the raising by tax of a sufficient sum to pay the cost thereof, legalizes the act of the trustee.

Decided May 17, 1909.

John H. Cunningham, attorney for appellants

L. L. Davis, attorney for respondent

This is an appeal from an alleged order of James L. Fuller, school commissioner of the second school commissioner district of the county of Warren, in establishing the boundaries of school district no. 6, town of Chester, county of Warren, and from the acts of a certain special meeting held in such district for the purpose of ratifying the acts of the trustee of such district in selecting a site and erecting a new school building thereon. The appellants also complain of the acts of the trustee in arbitrarily selecting a site and proceeding with the erection of a school building thereon. A number of other acts are complained of, but the disposition of the case will depend upon the legality of the school commissioner's act in establishing the boundaries of the district and of the act of the district meeting in ratifying the selection of the site and erection of a schoolhouse thereon by the former trustee.

The papers on appeal do not clearly show material facts. There is much repetition, and constant jumbling of irrelevant assertions with material and essential allegations, so that it is exceedingly difficult to determine the rights of the respective parties. No maps are filed, or facts alleged showing how the appellants are injuriously affected by the order of the school commissioner in setting off into the several districts the parts of the original district. The appellants rely on the general allegation that the order was "against the best interests of the district and the promotion of education therein." They do show that the district was already weak and was further weakened by the order, while the other district was stronger and was further strengthened thereby. But this does not necessarily establish the illegality of the order. The appellants do not state how the respondent came to organize school district no. 6. The school commissioner in his answer alleges that his district was formerly part of joint district no. 6, towns of Chester and Minerva, counties of Warren and Essex, and that he and School Commissioner Pond dissolved this joint district by an order dated December 3, 1907. It would appear that soon after January 1, 1908, the respondent Fuller made an order wherein he attempted to create out of a portion of such dissolved joint district a new district no. 6 in the town of Chester. This order was not filed in the town clerk's office until September 22, 1908, and of course did not take effect until that time. Prior to that time, on January 18, 1908, under the direction of the respondent Fuller a meeting of the district was held and the district was organized by the election of district officers. It would seem to follow from the crude and confusing allegations contained in the petition and the respondent's failure to controvert them, that this meeting was open to all qualified voters residing within that portion of the dissolved joint district situated in the town of Chester. It also appears that persons were elected officers of the district at the annual meeting who were residents of that portion of the district set off by the commissioner's order filed September 22. It would seem that those people residing in that part of the dissolved joint district situated in the town of Chester assumed that the school commissioner had established such part of such district as a new school district. There is nothing in the papers on this appeal indicating just what disposition was made of this part of the former district. The order filed September 22, 1908, does not show on its face the disposition of this territory. It is entirely inadequate as an order establishing the boundaries of school district no. 6, town of Chester, and does not

conform to the requirements of the law relating to the alteration of the boundaries of the North Creek union free school district, or of school district no. 10, town of Chester. This order must be set aside and a new order entered which shall distinctly set forth the boundaries of these three districts, and if necessary a survey must be made defining such boundaries.

The only other question worthy of decision is the legality of the resolutions adopted by the special meeting of the district held October 9, 1908. One of these resolutions accepted the act of a former trustee in erecting a school building on a site selected by him, and authorized the raising by tax of a sufficient sum to pay the cost of such building. Another resolution designated the site selected by the said trustee as the schoolhouse site for the district, duly describing such site by metes and bounds as provided by law. The papers show that this meeting was disorderly; that the voters present were many of them the givers and takers of severe blows. It does not sufficiently appear whether the appellants herein were the aggressors or the aggrieved. Both sides were probably equally guilty. In any event a fair vote seems to have been ultimately taken and the resolutions were adopted. All of these appellants, except Owens and Mrs Persons, were permitted to vote. Some of them resided outside of the district as established by the respondent's order of September 22, and it may be questioned whether they were legal voters at that meeting. Such order was in force at the time this meeting was held, and until set aside on an appeal duly brought, controlled the residence of persons at such meeting and their qualifications as voters based thereon. I therefore decide that these resolutions were legally passed at such meeting and that they are sufficient to establish the site described as the schoolhouse site of the district, and to legalize the acts of the former trustee in selecting such site and in proceeding with the erection of a school building thereon.

The appellants have not successfully attacked the order of School Commissioners Fuller and Pond in dissolving joint school district no. 6, towns of Chester and Minerva. School Commissioner Fuller should have concurrently entered an order disposing of that portion of the dissolved joint district in the town of Chester by creating a new district or annexing it to other districts in such town or by doing both. He attempted to do this but his order was invalid and ineffective. It would be unjust to the district to hold that the invalidity of this order rendered void all acts of the district; the

qualified electors in the district had no means of knowing that the school commissioner had not performed his full duty.

The appeal herein is dismissed except so far as it relates to the sufficiency of the order creating new district no. 6, town of Chester and annexing a portion of dissolved joint district no. 6, towns of Chester and Minerva, to North Creek union free school district and to district no. 10, town of Chester. As to such order the appeal is sustained.

It is hereby ordered, That the order of School Commissioner Fuller forming new school district no. 6, town of Chester, and annexing portions of the dissolved joint district no. 6, towns of Chester and Minerva, to other districts, dated January 2, 1908 and filed in the office of the town clerk of the town of Chester be set aside; and

It is hereby further ordered, That the present school commissioner of the second school commissioner district, county of Warren, shall forthwith enter in the town clerk's office of the town of Chester, a new order clearly defining as required by law the boundaries of the new district attempted to be established by the order hereby set aside, and also the boundaries of those districts to which portions of that part of dissolved joint district no. 6, towns of Chester and Minerva, were attempted to be annexed by the said order hereby set aside, and that the said new order so entered shall take effect as of the date of the original order.

Title X

LIST OF DEPARTMENT PUBLICATIONS

Books, bulletins, pamphlets and handbooks August 1, 1908-July 31, 1909

COMMISSIONER'S OFFICE

Fifth Annual Report of the Education Department

Education Law 1909

Regents Revised Rules

Journals of Meetings of the Regents of the University

Addresses and Papers by the Commissioner, 1908-9

The Rational Limits of Academic Freedom

Desirable Uniformity and Diversity in American Education

From Manual Training to Technical and Trades Schools

The Democratic Advance in American Universities

The Adaptation of the Schools to Industry and Efficiency

The School Needs of a City

Suggestions to the Staff

Agriculture and its Educational Needs

Conserving Childhood

Introduction to the Lincoln Centenary Brochure

What Makes Lincoln Great

The Moral Advances in Lincoln's Political Career

Commissioner's Presentation Address at the Exercises in Honor of
the Sixty-second Birthday of Rear-Admiral Robley D. Evans,
August 18, 1908

46th University Convocation Program

- Proceedings of the 46th Annual Convocation of the State of New York, October 22-24, 1908
- Arbor Day Annual 1909
- Lincoln Centenary, February 12, 1909
- Lake Champlain Tercentenary, July 4-10, 1909
- Hudson-Fulton Celebration
- Organization and Institutions 1908 (Handbook 24)
- Trades Schools Announcement
- Trades Schools: Definitions etc.
- General Industrial and Trades Schools
- Evening Industrial Improvement Schools
- Description of Rochester Factory Schools
- Compulsory Education Law
- Explanations and Forms under the Compulsory Education Law
- Compulsory Education Code
- Compulsory Education of Indian Children
- School Census Law
- How to Conduct School Meetings
- Catalogue of Lantern Slides: Painting — Italian Schools; Zoology — Birds; Zoology — Mammals
- Catalogue of Lantern Slides and Photographs: Geography and Travel — Hawaiian Islands; Philippine Islands
- General Department Publications (Handbook 6, pt 1)

ELEMENTARY EDUCATION

- Program for the 53d Annual Meeting of the New York State Association of School Commissioners and Superintendents, January 12-14, 1909
- Proceedings of the 53d Annual Meeting of the New York State Association of School Commissioners and Superintendents, January 12-14, 1909
- Teachers Examination Papers 1907-8
- Course of Study and Syllabus for Elementary Schools, edition 8
- The Course in Nature Study and Agriculture for Elementary Schools 1909-10 (Outline)
- Syllabus for Teachers Institutes 1909-10
- Suggested Program for Rural Schools
- List of Books Suggested in the Course of Study and Syllabus for Elementary Schools for the Use of Teachers and Pupils (Handbook 25)
- Teachers Training Classes (Handbook 29)

SECONDARY EDUCATION

- Proceedings of the 23d Annual Meeting of the Associated Academic Principals, December 26-28, 1907
- Proceedings of the 12th Annual Meeting of the New York State Science Teachers Association, December 27-28, 1907
- Academic Examination Papers 1907-8
- Syllabus for Secondary Schools 1905, edition 4
- Syllabus for Secondary Schools: History and Social Science, editions 6, 7; Drawing, edition 6; English, edition 7; Physical Geography, edition 7
- Minutes of the Third Annual Meeting of the State Examinations Board, December 12, 1908
- Rules for Conducting Regents Examinations
- Examinations 1905-10 (Handbook 3)
- Directions for Performing the Laboratory Experiments Contained in the Syllabus for Chemistry (Handbook 21)
- Qualifying Certificates (Handbook 23)
- Directions for Performing the Laboratory Exercises Contained in the Syllabus for Physical Geography (Handbook 26)

HIGHER EDUCATION

- Professional Examination Papers 1907-8
- Course of Study and Syllabus for the College Graduate Professional Certificate and for the Renewal of the College Graduate Certificate Limited, edition 6
- Course of Study and Syllabus for the Guidance of Nurse Training Schools, editions 1, 2
- Examination for State Scholarships in Cornell University
- Optometry Law
- Medicine (Handbook 9)
- Dentistry (Handbook 10)
- Pharmacy (Handbook 11)
- Veterinary Medicine and Surgery (Handbook 12)
- Registration of Nurses (Handbook 13)
- Certified Public Accountants (Handbook 14)
- Law (Handbook 27)
- Optometry (Handbook 28)

STATE LIBRARY

- 90th Annual Report 1907, 3 v.
- New York Libraries October 1908, January, April, July 1909
- Van Rensselaer Bowier Manuscripts
- Yearbook of Legislation 1907
- Index of Legislation 1907

Digest of Governors Messages 1908
 Best Books of 1907
 Tentative Selection from Best Books of 1908
 Selected National Bibliographies
 A Bibliography of Ophthalmic and Cutaneous Tuberculin Reaction
 22d Annual Report of the New York State Library School 1908
 Circular of Information concerning the New York State Library
 School 1908-9
 Library Handwriting
 Library School Itinerary 1909
 Directions for the Librarian of a Small Library
 Traveling Library Finding Lists: 2, 11, 19, 20, 31, 35, 36, 42, 45,
 47, 49, 53, 65
 Educational Extension (Handbook 8, pt a)
 Free Libraries (Handbook 8, pt f)

STATE MUSEUM

61st Annual Report 1907, 3 v.
 Fourth Report of the Director 1907
 23d Report of the State Entomologist on Injurious and Other In-
 sects of the State of New York 1907
 Report of the State Botanist 1907
 Report of the State Botanist 1908
 The Mining and Quarry Industry of New York State 1908
 Iron Ores of the Clinton Formation in New York State
 Glacial Waters in Central New York
 Geology of the Remsen Quadrangle
 Geology of the Geneva-Ovid Quadrangles
 Control of Household Insects
 Osteology of Birds
 Myths and Legends of the New York State Iroquois
 Insecticides and Fungicides (Handbook 18)
 List of Museum Publications

SUMMARY

	BLANK FORMS NOT INCLUDING STATIONERY		CIRCULARS		BOOKS AND BULLETINS		PAMPHLETS AND HANDBOOKS		TOTAL	
	No.	Copies	No.	Copies	No.	Copies	No.	Copies	No.	Copies
Commissioner's office.....	24	48 035	8	6 900	4	26 909	20	265 425	56	347 299
Elementary education.....	66	71 962	13	58 010	1	1 000	5	9 700	85	140 672
Secondary education.....	..	.....	2	4 000	2	3 300	10	30 100	15	37 400
Higher education.....	67	61 384	7	9 500	1	1 500	10	41 300	85	113 684
Library.....	63	118 965	9	6 725	10	17 600	9	18 500	91	161 790
Museum.....	12	18 750	4	232	15	26 766	8	3 250	39	48 998
Administration.....	30	62 300	3	2 600	..	.....	..	.....	33	64 900
Compulsory attendance.....	7	36 800	5	46 000	..	.....	3	50 000	15	132 800
Educational extension.....	20	43 300	7	25 550	..	.....	14	28 200	41	97 050
Examinations.....	92	1 707 308	a544	a2 899 975	..	.....	6	55 500	642	4 662 783
Inspections.....	18	27 150	9	3 600	..	.....	..	.....	27	30 750
Law.....	3	4 500	..	.....	..	.....	1	12 000	4	16 500
School libraries.....	4	11 800	1	300	..	.....	..	.....	5	12 100
Statistics.....	35	72 742	..	.....	..	.....	..	.....	35	72 742
Trade schools.....	1	1 000	4	2 800	..	.....	3	14 500	8	18 300
Visual instruction.....	20	25 700	4	3 500	..	.....	5	9 000	29	38 200
Total.....	462	2 311 696	621	3 049 692	33	77 075	94	537 475	1 210	5 995 938

a Including examination question papers printed at this office.

Title XI

NEW YORK COLLEGES AND THE STATE SYSTEM OF EDUCATION

It is time to initiate, if possible, a serious discussion of the relations which our colleges, using the term freely for convenience and referring to all of the higher institutions of learning, do sustain and ought to sustain to each other, to the people of the State, and to the State system of education. There should be a freer opportunity to go to college; and the college influence should reach down into the secondary and the elementary schools, and into all the affairs of the people, more freely and unselfishly than it does. Even though this general statement is commonly admitted, as very likely it will be, it is necessary not only to examine the present situation somewhat in detail, but also to look into the history out of which the situation has been evolved, in order to realize what is needed and how much it is needed, and in order to discuss the steps which may possibly attain the desired ends. And it may as well be said at the outset that I have not come, and do not expect in this paper to come, to any definite or unalterable conclusions as to particular policies which the State ought to adopt. There are so many great interests involved, there are so many strong men and women concerned, and new steps are so very difficult and may be so far-reaching, that nothing more can be expected than that I shall open the subject, point out some of the facts, and try to adduce some of the reasoning which bears upon it, and ask that it may

have unprejudiced consideration by the State Board of Regents, by the college officers and boards and faculties and graduates, and by the educational associations, the more popular assemblages, and the newspaper press of the State. Then public opinion ought to take form, and more liberal and positive and fruitful educational policies, which will push their way into the future history of the State, ought to result.

It is not too much to say that of all the original 13 states, New York tried at least as hard as any other to erect a collegiate system which would extend liberal learning and work to the advantage of its intellectual affairs. But while the system or organization created was framed by the leading men in the early history of the State, who were also statesmen of the very first rank in the Nation, and while the organization they created has never been logically attacked, it must be admitted that the outworking of the scheme has been marked by much controversy so far as colleges have been concerned. For many years, certainly for more than half a century of the early history of the State, the State Board of Regents, set to represent the State in the upbuilding of its colleges, did not get on well with the separate colleges which the State had created. It might quite as well be put the other way and said that the colleges did not get on well with the Board of Regents. Nor is it too much to add that this purpose to have the college influence permeate the lower schools and all the affairs of the State has been in a very considerable measure thwarted by the unfortunate separateness in the administration of the State's educational activities and by the prejudiced discussion of the State's educational policies which began immediately after the creation of the "University of the State of New York" by the Legislature, or as soon as the Board of Regents was sharply resisted when it moved to develop, under its auspices, a State system of elementary schools. It continued until the educational unification act of 1904. That act has been accepted generally and cordially, and with the elimination of the separateness in educational administration it is not too much to hope that the persistent prejudice or one-sided point of view in the discussion of educational policy may disappear.

It may or it may not be profitable to discuss old controversies. That depends upon the spirit and the purpose. In this case it is necessary if we are to have any intelligent discussion at all. To ignore them is to admit that there is a skeleton in one of our old closets which we dare not investigate. The Board of Regents and

the University of the State of New York have become fixed in the Constitution of the State and are here to stay. They were incorporated in the Constitution by the convention and by the people after 110 years of trial. It is not for any one of us to say that this fundamental situation was not wisely arranged. It is for us to accept the situation. Accepting it without cavil or reservation, we are bound to know what it was that put a strain upon the relations of this Board with the colleges of the State, which has continued even to our time, and what it is that has caused such a break between the State and its colleges and also between the colleges and the lower schools. Knowing what the cause is, we are bound to remove it. We are old enough and strong enough to go about it without vituperation or continuing prejudice. And we ought to see that while every interest of the State is involved the college interests have at least as much at stake as any other interests.

The only college in the State established by royal charter broke down with the Revolution. It broke down not only because New York was the seat of war, but because the royal aims that had entered into it were frustrated by independence. The act reviving it was passed at the first session of the Legislature after the war. It not only revived King's College and changed its name to Columbia, but it created "The Regents of the University of the State of New York." This Board was charged with the administration of the resurrected college. The men who petitioned for the new charter were all prominent men and many of them were prominent officers of the State. The governor, secretary of state, treasurer, and attorney general were among them. They represented to the Legislature that many parts of the old charter "are inconsistent with that liberality and that civil and religious freedom which our present happy Constitution points out," and prayed for an enlargement of the privileges of the college "so as to render it the mother of an university to be established within this State." The Legislature responded to the spirit and purpose of the petition. The intent to create a university, not for the city, nor for any exclusive class, but *of the State*, is too clear to be mistaken. The members of the Board were representative of the several sections of the State. The expectation was to have a considerable number of both schools and colleges created and bound together in a State university, and the Board of Regents was empowered to found such colleges "in such parts of the State as may seem expedient to them," and to do what was necessary to maintain and administer them.

Such schools and colleges were "at all times to be deemed a part of the University." The "University" was the "University of the State of New York" and invested with full powers over Columbia College and also all authority to establish both colleges and academies and to develop and maintain the "University of the State of New York," which was to be comprised of all the colleges and academies of the State. And it should be borne in mind that at a time when there were few elementary schools, either public or private, and no public high schools, the "schools" here referred to were academies which would feed the colleges. The "schools" were to be pushed down from the colleges, not to spring from the ground up to them. Democracy had then made but little headway in education.

This scheme failed almost at once so far as the government of Columbia College was concerned, because the Regents lived too far from the college. There may have been other reasons to make it unworkable. But the failure should not obscure our vision as to the thought of the founders of the State. They were clearly trying to accomplish an organization of colleges and academies in the State. It was to be an organization authorized, aided, and controlled by the State. The governor of the State was made chancellor, and the lieutenant governor, vice chancellor, of this first Board, and so of Columbia College. Ecclesiastical differences were attempted to be harmonized by inviting each of the religious denominations to elect one Regent. The organization was to be all-inclusive. The "fellows, professors, or tutors" of each college were constituted Regents to the extent of being authorized to vote upon the affairs of their respective colleges. That part of the scheme was primitive and inexperienced, but the central thought is plain enough and the general plan was excellent. Democracy was taking its early, unsteady steps in New York education, but it had a goal, was getting some confidence, and was moving towards the realization of a splendid purpose, as no other state undertook to move.

Even in six months another act had to be passed. It moved in the wrong direction: it sought to assure the transaction of business by reducing the number required for a quorum to eight and by creating 33 more Regents: the Board was coming to be something like a general assembly of the State if all the members attended, and the business to be managed was of a kind which an assembly can not handle. But whatever else this act did, it brought

into the Board John Jay and Alexander Hamilton. In passing it is interesting to note that the name of Aaron Burr appeared in the first draft of the bill, but that before the bill was matured the name of Morgan Lewis was substituted for that of Burr. It was provided that the annual meetings of the Board should be held "at the time and place where the Legislature shall first be convened after the first Monday of July in every year, and that at every such meeting the acts and proceedings of the Regents of said University shall be reported and examined."

This second act provided for an advance of 2552 pounds sterling to Columbia College, for which "the Regents shall be accountable out of the funds of Columbia College." It is both pathetic and amusing to read the regrets of the Regents on April 4th of the next year that "the regency" was without funds available to Columbia College which would enable them "to offer such a salary as will be an inducement to a respectable character to accept the office of president," and it is gratifying to know that the difficulty was not to be an everlasting one.

The second act of the Legislature went no further than the first to make a workable plan, except that it did bring into the Board of Regents the men who could make such a plan. That certainly was much. In January 1787, in the face of a breakdown, the Board of Regents appointed a committee "to consider measures necessary to carry into effect the views of the Legislature with respect to the University and particularly with respect to Columbia College." Jay and Hamilton were both members of this committee, and there is sufficient reason for thinking that Hamilton drew the report. After noting objections to certain matters of form in the legislative acts and excusing them on account of "the multiplicity of business which employed the attention of the Legislature during the first session after the peace," the report proceeds to matters of substance. Indeed, the following two paragraphs of this report are exceedingly substantial:

"But your committee are of opinion that to render the University beneficial according to the liberal views of the Legislature, alterations will also be necessary in the substance of its Constitution. At present, the Regents are the only body corporate for literary purposes. In them are not only the funds, but the government and direction of every college are exclusively vested, while from their dispersed situation, it must be out of their power to bestow all the care and attention which are peculiarly necessary for the well being and prosperity of such institutions. Experience has already shown

that Regents living remote from each other can not with any convenience form a board for business. The remedy adopted by the second act was to reduce the quorum to a small number; but thus placing the rights of every college in the hands of a few individuals, your committee have reason to believe, excited jealousy and dissatisfaction, when the interests of literature require that all should be united. These reasons, without entering into a more full discussion, your committee conceive to ground their opinion that each respective college ought to be intrusted to a distinct corporation, with competent powers and privileges, under such subordination to the Regents as shall be thought wise and salutary."

"Your committee are of opinion that liberal protection and encouragement ought to be given to academies for the instruction of youth in the languages and useful knowledge; these academies, though under the grade of colleges, are highly beneficial, but owing their establishment to private benevolences, labor under disadvantages which ought to be removed; their property can only be effectually preserved and secured by vesting them in incorporated trustees. This act of justice to the benefactors and to the county town wherein any such institution may have taken place, by fixing a permanent superintendence, would greatly contribute to the introduction of able teachers and the preservation of the morals of the students as well as their progress in learning. Your committee also conceive that privileges may be granted to such academies, which will render them more respectable, and be a strong incitement to emulation and diligence both in the teachers and scholars."

In view of the fact that the leading men in the Board of Regents were almost without exception leading men in the Legislature, it is not strange that as soon as this report was adopted by the Regents it was quickly put into statutory form and enacted by the Legislature. This act made a board of 21 Regents — the governor and lieutenant governor, and 19 elected by the Legislature. It is the carefully and ably framed original and general law constituting the Board of Regents the supreme authority upon higher education in New York from the State's point of view, and except as the progress of events and the changes in circumstances have made some of its provisions obsolete, and, except as the educational unification act of 1904 wrought some modifications in the interest of educational solidarity, it has never been impaired and is the law today. It created a separate board of trustees for the "College of the Province of New York," and directed that it should thence be called "Columbia College," and it provided for a similar board in the case of all colleges and schools thereafter established. It also named the separate board of trustees of Columbia College and trans-

ferred Hamilton from the Board of Regents to the college board. It divested the Board of Regents of the direct charge of all institutions. But is established the "University of the State of New York" upon a firmer footing than before, and it renewed and confirmed and enlarged the powers of the Board of Regents of that University. It empowered that Board to grant educational charters, and directed all citizens desiring to form an educational institution to apply to the Regents for incorporation. And while the Legislature has occasionally since then ignored this act and given charters direct, it must be said that such instances have been few and exceptional, and in recent years have ceased altogether. The settled practice now is to deal with no such matters in the Legislature, and manifestly that is the only sound practice. This act of 1787 conferred upon the Regents of the University not only the power to create educational corporations but also large supervisory powers over all incorporated educational institutions. They were required to visit and inspect them, and report to the Legislature as to their state and progress. They were authorized to hold property, and administer funds, and make rules, and do whatever might need to be done to make institutions efficient and to advance sound learning throughout the State. And this "University of the State of New York" and this "Board of Regents" of such University have been repeatedly broadened and strengthened by legislation, and in 1894 were incorporated and established in the State Constitution.

The writer was not embarrassed by any old notions or any former expressions, and he was not in need of acquiring any new or enlarged regard for this scheme or this Board when, in addition to other duties, he became charged with executing its decrees as the executive officer of the University of the State of New York in 1904. He has nothing but veneration for an educational scheme conceived as this one was, and which has endured since "the first session after the peace." He has always thought the scheme an admirable one. He has long had a keen appreciation of the significance and importance of the lay influence in education; he has realized its vital relation to American education; and for many years he has cherished the good opinion of the eminent men of New York who have constituted this most dignified and influential board of public education in the country.

It is true there has been some confusion of mind over the title "The University of the State of New York" in view of the very common use to which the term "university" has been put since

the State of New York laid hands upon it. Doubtless our use of it has prejudiced the organization which bears it in the minds of people who are accustomed to associate the term exclusively with teaching or investigating institutions. Probably some have even assumed that New York used the term in a false or misleading, or at least in an overambitious and unwarranted way. There has been no sufficient reason for any of this, and no ground whatever for the most of it. The title was thoughtfully and logically chosen, and with pride we may always point to the fact that no state has stood out against and prohibited by law the use of high sounding educational names for low grade institutions as New York has from the very beginning. Indeed, that purpose was one of the large factors which entered into the creation of the "University of the State of New York" and that purpose has been exemplified by that "University" from "the first session after the peace" until now.

In 1784 there was not an institution in the United States with the spirit, the philosophic basis, or the faculties of a university, as the term was understood then or now. It can hardly be said that there was one that claimed the name, and if there was one that did it had no good right to it. The plan that reestablished the one college of the State of New York, which had been laid low by the fierce fires of the Revolution; that provided for establishing other colleges and academies of every kind and in all parts of the State; and that bound them all together in a supervisory university, was the bold, strong conception of very great men. It requires not a little assumption to contend that George Clinton, James Duane, the Livingstons, John Jay, Alexander Hamilton, Richard Morris, Philip Schuyler, Robert Harpur, Richard Varrick, and their like, acted heedlessly in creating the University of the State of New York. They proceeded thoughtfully in an effort to take time by the forelock. It was the first movement in America to organize the educational work of a State upon a nonpolitical, nonsectarian, and every way nonexclusive basis which would bring the sovereign authority and the financial aid of the State to the practical support of education that should be unlimited and free. It is not too much to say that it was the first really strong educational conception in America, and that it was by a group of men than which there has not been a greater in the land.

The plan at first provided that the Board of Regents should be legally possessed of all the properties and should exercise the powers

of appointment and all the other governing powers over all colleges and schools. But it was immediately seen that this would not work, and a reform was initiated in the Board itself. This reform provided for separate and local boards of trustees in all the institutions, with all of the powers over property, courses, appointments, and administration. The "University" was to be a supervisory university. The State began at once to aid Columbia College, and expected not only to continue to do so, but also to give its financial support and its supervisory helpfulness to all colleges and schools which should be created. The idea was to bind all together, and bind all to the State, to the end that the newer and the weaker institutions might have the fraternal aid of the older and the stronger ones, and that all the people and every part of the State might have the uplifting influence of this general organization of the more advanced institutions of learning in the State. In other words, New York was setting up a State organization supervisory of her higher learning. She was expecting to support and she was bound to advise. Nor was that all she had to do. These colleges and academies, organized and to be organized, required incorporation by the State so that they might hold property and make contracts and do all the acts incidental to institutional life. And when the State exercised its authority to endow institutions with the power to hold property and do business, it was bound to see to it that each institution followed paths and did its work in ways which would comport with the character and promote the greatness of the State. It would have defeated the very ends of the plan to have left all this to the mere filing of papers of incorporation in the office of the secretary of state. That would have established no bond of union between one institution and another, or between the institutions and the State. Only rivalry and no mutuality of good will would have resulted. It would have been manifestly unwise to retain the ordinary exercise of the power of incorporation and educationally impossible to keep the powers of supervision in the Legislature itself. The only logical or even possible thing to do was done when the Board of Regents was created to grant, amend, and annul charters, to distribute the money of the State to institutions, and to assure grades and kinds of work which would accomplish the ends which the founders of the State had in view.

It has been said that the plan of the University of the State of New York was taken from France. It is probable that the University of the State of New York and the University of France sprang from similar situations and common sympathies. The

French influence was particularly strong in America for the dozen years following the Revolution, and until Washington settled it that we were not going to have any foreign entanglements. The French troops and the French fleets had hardly left our shores after helping us to win independence, when this University was created. We were not drawing our plans of organization from England just then, although nothing could prevent or should have prevented the new individual colleges from having the largest interest in the studies that were common in the higher schools of England and Scotland, from which nearly all of the highly educated men of the United States had come. In view of all we have heard in recent years, it is amusing to read that Columbia College established a professorship in agriculture in 1793. We did send an agent to France immediately after the organization of the University to beg for financial aid, and it is more than likely that the framework of our plan was suggested by the educational organization of our ally and aid in the war from which we had just emerged battle-stained and poor, yet triumphant, with moral courage unabated, and with new found educational ambition.

It must be admitted, I think, that this plan has not worked very satisfactorily so far as the unity of the colleges of the State and cooperation between the colleges and the State have been concerned. The famous report made to the Board of Regents in 1787 made decisive allusion to the desirability of State aid to and supervision over academies as well as colleges, and this was speedily provided for in the act perfecting the University and in legislation which followed. And it must be said that so far as the academies and the high schools have been concerned, the plan has worked very smoothly and probably produced all in the way of harmony in relations and efficiency in operations that could have been expected. But it has not been so with the colleges, and, without implying personal animosities or any thing more disagreeable than is clearly said, it seems to me best to plainly avow it in the hope of curing it. With every effort and desire to see the matter in its true light, I am convinced that any difficulties which may have hindered that cooperation of effort between the State and her colleges standing in truly fraternal relations to each other, which the University of the State was organized to promote, have arisen from officialism, from standing for prerogative, perhaps from the inevitable weaknesses and uncertainties of first steps, rather than from inherent or structural defects in the legal and educational scheme.

The strain upon the ship came early, and first in connection with Columbia, the college which derived its corporate existence, rights and powers in the new State from the very act creating the University of the State of New York. It would be profitless to search out the details. It is enough to know that the Board of Regents and the board of trustees of Columbia differed over prerogative, and that this difference matured into dispute with inflammatory embellishments, into the discontinuance of the State's financial support, and, probably worse than all else, into a practical severance of reciprocal relations. It defeated for generations, if not forever, the purpose of the founders of the State to make Columbia a State college and the mother of many colleges and schools which should together constitute a real State university. It was doubtless inevitable, and probably necessary, but surely it was a heavy penalty, both upon the State and the college, for the inability of a few men to adjust their official powers so as to make a workable and effective educational organization.

The same thing happened, in even more aggravated form, with the first new college chartered by the Board of Regents. Refusing many applications for many years on the ground of insufficient property and endowment, the Board finally yielded to long continued importunity and chartered "Union College" in 1795. It was to express not only educational, but also religious and political, "union." It was agreed that the board of trustees should never have a majority of any one religious denomination, and that the president or a professor being a clergyman should not have the pastoral charge of a church. It was a college upon a new plane, for its charter rigidly excluded partisanship and guaranteed all educational freedom. It differed from all of the 12 colleges which had preceded it in America in that it was not to be private, local or exclusive. All were welcome and all had equal rights. The State was even providing for the support of poor students. Democracy was taking a new step in education. In a word, it came as near becoming a State college as could be in that day. In the first 20 years of its life the State gave it, in lands and funds, more than \$350,000. Then in the succeeding 10 years the question of prerogative broke out in heroic proportions. The Board of Regents and the President and the Board of Trustees each had their partisans. The atmosphere was surcharged with invective and legal learning. It was just after the Dartmouth College case and the lawyers relished the discussion. The controversy lasted long years and resulted, like the Dartmouth case, in breaking the relations between the col-

lege and the State. It was determined in the end that the Regents had no control over courses and instruction, at least until such manifest educational fraud should be perpetrated as to call for a revocation of the charter for cause. The State naturally made no more appropriations to Union College, and Union naturally became more concerned about its own life than about the intellectual progress of the commonwealth. There were losses all around but they were doubtless necessary, for college individuality and freedom had to be.

Hamilton, the fine, small, classical college on the hill at Clinton, was chartered by the Regents in 1812 after being required to secure \$50,000 in addition to investments in grounds and buildings. The State gave it in 30 years \$120,000, and it has well deserved more. But with all that had occurred in connection with Columbia and Union it was easy to stop State aid, and, with the feeling that had become rife, that brought relations and sympathies to an end.

About the same thing happened, in ways perhaps less marked, as to the University of the City of New York and several other institutions.

Then came the National Land Grant Act of 1862, giving to each state the right to 30,000 acres of national lands for each representative in Congress to aid a state college or university which would accentuate the industrial arts. Other large federal grants have followed it. Aside from the advantage of the direct grants, this national policy has incited most of the states to give very much more than the national grants to their state universities, and it is not too much to say that half of the great universities of the country have grown out of it. New York would doubtless have absolutely lost her large interests in this but for Andrew D. White and Ezra Cornell. But through them Cornell University was founded by a legislative charter, and given the avails of the national grant on condition that the University would establish a free scholarship each year for each assembly district of the State. For nearly 20 years not much came of this arrangement about scholarships. When I became State Superintendent of Public Instruction in 1886, not more than one third of these scholarships was occupied. In the majority of cases there was no one in the assembly district who was qualified for it and wanted it. I started a bill in the Legislature amending the charter so as to allow the Superintendent to fill vacant scholarships from surplus candidates in other districts, and that started a real paroxysm in the university. A joint hearing was arranged, and ex-President White, President Adams, and Judge

Douglas Boardman came and forcefully urged divers arguments to show that the Legislature had no legal power to do it, would commit a moral wrong if it attempted it, and would ruin the university if it could accomplish such a thing. The Superintendent spoke his feeble word and the committee went into executive session. As we withdrew ex-President White put his strong educational arm through my frail one and said, "Young man! Almost thou persuadest me to be a Christian." He and other Cornellians must have been altogether persuaded since then. As we talked on he even expressed apprehension lest the university officers might have said too much and the committee might do something wrong, but I was able to give him some comfort upon that point, and very soon the committee voted unanimously to report the bill and it became a law. It filled up the State scholarships at Cornell through a system of competition and appointment which brought the State and the university into workable and somewhat reciprocal relations. The university has made the most of those relations and in turn has acquired a little of the feeling and a few of the attributes of a State university. The university occupies a situation peculiar to itself. It seems no nearer being a real State university than other colleges of the State have been at some time in their history. True, the number of free scholars it has trained form something of a factor in our population and rather an influential factor in our professional and political life. Aside from the scholarships, the State has only moral claims upon it. There is no sense of public ownership in it. Such relations as subsist between the State and the university seem commercial rather than educational, businesslike rather than inspirational. And it is more than likely that neither the people of the State, the other higher institutions of learning in the State, nor the weight of opinion and feeling in Cornell University would be disposed to go far enough to make Cornell a real State university.

In the meantime several good and a few strong institutions have developed. Vassar is one of the few excellent and strong women's colleges of the country. Colgate is a mature, small, growing, good institution. St Lawrence is doing considerable for large rural sections where the college influence is much needed. The same may be said of Alfred. Several colleges under the auspices of the Roman Catholic church are pushing ahead with commendable vigor, while their relations with all the rest become more and more agreeable. The University of Rochester has long been an excellent institution, never more capably led than now. Syracuse University has surprised not only the State, but the country, by its phenomena.

advances in property, in the number of instructors and offerings and students, and in the virile fashion in which it welcomes the spirit of democracy and strives to push its way up the steep hills of higher learning.

It is not practicable to even mention the professional or technical colleges and schools associated with or independent of universities. Some of them are of the first rank, some are honestly and perseveringly moving up to that rank, and some are so ambitious and yet so dependent upon tuition fees that they delude themselves into thinking that they are better than they are. And, unhappily, when schools do that, most of the people in their neighborhood or under their influence think what the schools claim must be so.

But there have developed three tax-supported institutions which it would be inexcusable not to mention. Quite possibly they may be the advance guard of others of their kind. One is the State Normal College at Albany, the outgrowth of the first State normal school, which is now being raised to college grade and set to training superintendents of schools and teachers for the secondary schools. The second is the Normal College of the City of New York, an old and large and cherished institution for the training of women teachers for the city schools. And the third is the College of the City of New York, an old institution, which has just been provided by the municipality with beautiful and elaborate buildings, and put in the way of being a great college or even of becoming a real university, and which happily seems to be coming to realize its great opportunities.

But none of the higher institutions of the State, save these three, are free to students, and it would seem as though it must be said that the very largeness of many of them and the very greatness of some of them, and particularly the efforts which they are all making to be strong and great, must, while on the basis of privately endowed institutions, work against oneness of educational spirit and get in the way of inspirational helpfulness to the educational system of the State. At least it seems as though it had been so, and must continue to be so in the absence of special and concentrated effort to avoid it. And this implies no imputation that the men and women of these colleges and universities are disposed to have it so. It is said, with knowledge, that they wish not to have it so, and that many of them are very ready to go to the limits of time and strength to prevent it being so. But it is said in the hope that by some possibility it may initiate a movement which will swing college doors more freely to the youth of the State who may wish

to enter them, or whom it is to the interest of the State to have enter them; and which will also bring a more generous, a less self-interested, college influence into the middle and lower schools and into all the educational activities of the State.

The writer is bound to be careful lest his long association with the philosophy and the feelings of a tax-supported state university of the Middle West befog his reasoning about the educational policies of the Empire State, but on the other hand he is bound to try to give to his State anything growing out of that association which may be of advantage to her.

I do not believe that it is desirable that all people should go to college. It would be quite as well if some who do go should do something else. But it ought to be fundamental, and it is going to be, in this country that all who really want to go and are prepared to go, shall not be prevented from going by reason of tuition charges which they dare not assume. So much is already well settled in most of the states of the Union. The causes which have produced a great state university in nearly every state, which have produced as great universities in 40 years as those that have been two or three hundred years in the making, ought to be realized and reckoned with in the State of New York. It shows that democracy is quite as much interested in and quite as able to endow colleges and universities as is aristocracy. And that only means that each will accomplish the most when they work in cooperation. It does not meet the question to say that there are innumerable scholarships in established institutions, and that the managers of universities are amiable and benevolent people. It is a question of fundamental right in this land of universal opportunity; and the democracy of every state will in time decree that every one shall have the utmost of educational opportunity which he seeks and is qualified to enter upon, without encountering the hazards of a single examination set by strangers who know nothing of his character, earnestness or intellectual power, and without depending upon the favor of a faculty or a board of trustees.

Moreover, there is occasion enough to expect, in the interest of all the schools, that the colleges and universities will relax their admission requirements in the interests of all around intellectual power to do their work, and of general earnestness and assiduity. and stop imposing upon those seeking admission just so much of this, that, and the other particular study as may result from the concessions, and courtesies, and refined log rolling of faculty conferences. In other words, the aristocratic view of intellectual worth

as well as the aristocratic view of property values, will have to give way, half way at least, to the democratic, in America. Let us not deceive ourselves or let the knights of the old order mislead us. There is infinitely less danger to education from political influence in tax-supported universities than there is from the money influence and the social influence in the universities that live upon gifts and reason that only an exclusive and favored class deserve their ministrations. This is not saying that the old manner of institutions should give way, but only that they should modify some of their thinking as much and as fast as they can. It is saying that the intellectual power, and therefore the industrial and commercial as well as the professional power, of the country is to be reinforced overwhelmingly from the plain people, and that therefore the advantages of the colleges and universities ought to be hedged about by no conditions which defeat the open chance for every one, and should be governed by no motive which tends to warp or thwart the educational policies of the schools below them. And it is saying that the college men of the State should find ways for doing something of this and for helping all the ambitious youths of the State to have what the genius of their country accords to them, and for enabling the public opinion of the State to acquire what it is reaching for without having very clear ideas about how to get it.

It is very imperative to the physical, moral, and political health of our leading State that all the sciences shall be carried down with more exactness from the very top to the very bottom of the educational system, and distributed more surely and more freely among all the people. For example, there has been found in the last quarter of a century a new scientific basis for medical practice. New York is certainly doing no less than any other state to protect and promote the health of the people, and she is leading decisively in guarding admissions to the medical profession. Yet there are medical colleges turning out scores or even hundreds of young people with the degree of "doctor of medicine" without training them in 25 per cent of the well ascertained scientific knowledge that is *fundamental* in the medical profession. This can only be corrected by the outspoken and even indignant protest of the men in charge of the great chemical, physiological, and bacteriological laboratories of the leading universities, acting together or through some authoritative means of expression. For example, again, there is no less need of associated and not antagonistic expression of scientific opinion upon the economic interests and the business and political

policies of the State, than upon matters of physical health. All this and more can come only through more unity among our higher institutions of learning, and closer relations between them and all the schools and all the people of the State, and through some authoritative and disinterested expression that is able to command public attention and popular confidence. In a word, it is exceedingly desirable that the colleges and universities of New York be more decisively effective in the affairs of the State, and assuredly it is no less desirable that the popular opinion of the State be more concerned about and have more respect for the college and university influences in our affairs.

How is it to be brought about? Of course, there is the rub, but we ought to try to meet it. I can not assume to say how. Of course, I do not know. If given a clean sheet of paper and asked to sketch out a plan, I could not do it. I can only try to initiate a serious discussion in the hope that many wise heads will get together, put the interests of all above the interests of some, and evolve a plan that will command the public support.

It is more than likely that a teaching and investigating state university, like those at Ann Arbor and Madison and Champaign, is out of the question. It is not at all certain that it would be wise to try to establish one here and now. It could probably come only through the conversion of Cornell University into a real state university, and, as already suggested, that is not practicable because the people, the other institutions, and Cornell itself, would not unite upon the advisability of it. It is not practicable to found another because our educational system is so far matured and has so many high grade institutions, as well as because Cornell is entitled to the avails of the federal grants.

Do not the conditions point to the wisdom of a series of free municipal universities stretching across the State? The city of New York has already established such an institution, in the College of the City of New York, and, as already said, given it a costly home and an elaborate equipment. There are a quarter of a million people within practical trolley distances at the junction of the Hudson and the Mohawk, and among them is old "Union College," with several professional schools loosely affiliated into Union University. That institution and every one of its schools stand seriously in need of, and richly deserve, financial assistance; and the people about them no less seriously need to have some ownership in them to the end that they may have some rights in those schools and get more benefits out of them. The cities of Albany, Troy, Schenec-

tady, Cohoes, Rensselaer and Watervliet might, it would seem wisely, put money into Union University and get the larger advantages which it might give to their children and their municipal affairs. Syracuse and Rochester practically have municipal universities now, for they have each put their money into institutions, made excellent ones of them, and received and assured better returns than they have ever gained upon any other investment. Buffalo, strong, prosperous and wealthy, the second city of the State, has a good nucleus of a municipal university, and ought not to hesitate a moment about putting into it the millions which would make it worthy of the city whose name it bears. And this policy could be acted upon in every part of the State where there are people enough and the wealth sufficient to justify it. And the great State itself might very properly and with compensating advantages to itself aid such enterprises from its treasury.

Why can not the "University of the State of New York" be made the active agency of the State for coordinating such institutions with the endowed institutions, for giving all in some way the aid of the State, and for making all more potent in the affairs of the State? The University of the State is here, it is old, and it is to stay. After more than a hundred years of life it was established in the State constitution. True, it has not fulfilled the expectations of the founders of the State so far as the colleges have been concerned, although it may be truly said that it has done much more than that as to the academies and high schools. If the difficulty as to the colleges was not inherent in the law, was it not temporary as well as temperamental? Have we not all got truer bearings about official powers, and have we not lived long enough to know that there is small excuse for haggling among educational men over official prerogative? Are we not able to see by this time that the "University of the State of New York" is dependent upon the colleges of the State for substance and for influence? The mere powers to grant and amend charters are perfunctory and mechanical ones. Any rational public officer could do that. More, much more, than that is needed. It is nothing less than the entering of the colleges and universities into a plan which will give a state organization of advanced schools the vitality that will warm the blood of the weakest and bring the stimulating help of all to the moral and intellectual support of every great interest of the people of the State. There is no occasion whatever for exactions by the State upon reputable educational institutions of the State. Of course the

State is entitled to, and bound to, have annual statements of the essential business affairs of every corporation to which it has given corporate life; and of course the Education Department of the State government is bound to have an annual statement of the salient features of the educational work of every institution which exists by the authority of the State, shares in the munificence of the State, and bears some part of the responsibility for doing the educational work of the State. So much is as necessary to prevent fraud and imposition as it is necessary to an understanding of what is being done. Beyond this I am sure the State has nothing to impose, at least upon institutions that are well up to the top of the system or institutions that are doing the best they can. It asks their help and offers them such assistance as it can. It makes no disguise of its thought that it is quite as dependent, probably more dependent, upon them than they are upon it. And it puts away all suggestion of any course which might be obnoxious to any successful institution of the higher learning. Then, as this instrumentality is here and to stay, and even though its name may have seemed confusing to some, and notwithstanding that there were some old disputes over prerogative, and as there is no other open way in sight, why can not the colleges and universities of the State really join with us in the "University of the State of New York" and use it to their own good, while they make of it what they may for the promotion of all the high interests to which the lives of their people and their corporate existence have been dedicated?

There is reason enough for saying that this will increase the willingness of the State to practically aid the higher learning. The State is strong and rich so far as money goes, and it ought to do that much more liberally and somewhat more rationally than it has done to the end that it may be strong and rich intellectually. Universities and colleges are quite as important in the affairs of a state as are canals or highways, or even tariffs or the control of railroads and commercial trusts. The great soul of the people of the State of New York is right and will respond, as it has always responded, warmly to any rational scheme for the promotion of the higher scientific interests as well as the common intelligence of the State. But the State can not move in any large matter with any confidence until those who ought to agree do agree, not only upon the desirability of a movement, but also upon the plan of procedure.

It is not for the writer to have, and to try to enforce, a plan, for it will have to be the plan of many. Some features have been

advanced here and there. It has been suggested that the State create a fund for the aid of all deserving institutions upon some mutually equitable basis; that the State increase the scholarships in different institutions; that the State pay the tuition of certain students in the colleges in something like the manner it now pays the tuition of nonresident pupils in the high schools; it has even been proposed that the State in some way reimburse certain or all institutions for tuition fees of graduates of the secondary schools who wish to go to the colleges of the State. It has been proposed to found a distinct State university; to seek to make Cornell into a State university; to develop the State Normal College into a State university; to expand the scientific work of the Science Division of the State Education Department; to encourage the evolution of municipal universities by new legislation and with some measure of State aid; and to take many other steps in the direction of freer opportunities for the youth of the State in the colleges, and the larger influence of the colleges upon the schools and the affairs of the State. No one of these suggestions has been much considered, and to none of them do I now give approval or express disapproval.

The first thing effected should be a college and university organization in the State which would be strong enough, tall enough, and courageous enough to look above the getting of money and students for one institution, and strive to quicken all the educational activities of the State. If we will do that, the ways will open to us. Frankly, it seems as though if we are to do this at all, we will have to do it through the "University of the State of New York." It is at our hand, and it is the only instrument likely to be at our hand. I have come to believe that if it did not exist we could not create a better. It was the work of the founders of the State. Their sons did not do very well with it, but their grandsons did a little better, and their great-grandsons ought to do a great deal better. The scheme needs money and a great deal of it. But when we show that we have oneness of spirit and will be safe and sane administrators of it, we are quite likely to have it. The State will perhaps give it to us; and it is not difficult to believe that wealthy residents of the State would be glad to find confidence in an organization which was really representative of all the higher educational interests of the State and would surely and safely execute their bequests for the equitable and rational promotion of all the interests of all the people.

Title XII

CONCLUSION

Coming to the end of this general résumé of the educational activities of the State for the year 1908-9, the statistical summaries are as follows:

ATTENDANCE AT SCHOOLS	
Common elementary schools.....	1 284 729
Special elementary schools.....	1 329
Common high schools.....	101 983
Special high schools.....	2 541
Academies.....	42 802
Normal schools.....	6 494
Teachers training classes and schools.....	3 579
Universities, colleges and professional schools.....	36 287
Special higher institutions.....	2 885
Private schools of all grades, exclusive of academies as enumerated above, as shown by reports and best available information.....	
.....(estimated)	225 000
Indian schools.....(estimated)	870
Evening schools.....	132 410
Total.....	<hr/> <hr/> 1 840 900 <hr/> <hr/>

NUMBER OF TEACHERS

Common elementary schools.....	37 152
Special elementary schools.....	63
Common high schools.....	4 079
Special high schools.....	103
Academies.....	1 810
Normal schools.....	284
Teachers training classes and schools.....	211
Universities, colleges and professional schools.	4 231
Special higher institutions.....	101
Indian schools.....	35
Evening schools.....	2 719
	<hr/>
Total.....	50 788
	<hr/> <hr/>

GRADUATES OF SECONDARY SCHOOLS AND NUMBER RECEIVING DEGREES FROM SCHOOLS INCLUDING GRADUATE DEPARTMENTS OF UNIVERSITIES

High schools.....	8 837
Academies.....	1 935
Normal schools.....	867
Training classes and schools.....	1 680
Universities and colleges (arts course)..	1 790
Theology.....	54
Law.....	626
Education.....	161
Medicine.....	430
Dentistry.....	130
Veterinary surgery.....	30
Pharmacy.....	206
Engineering and technology.....	619
All other higher institutions (including graduate departments of universities).	666
	<hr/>
	4 712
	<hr/>
Total.....	18 031
	<hr/> <hr/>

NET VALUE OF PROPERTY

Common elementary schools.....	\$157 811 999
Special elementary schools.....	2 335 824

NET VALUE OF PROPERTY (Concluded)

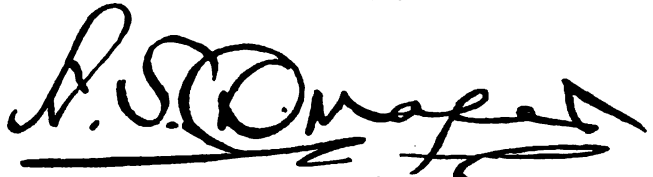
Common high schools.....	\$26 146 619
Special high schools.....	1 093 314
Academies.....	20 933 828
Normal schools.....	2 656 685
Universities, colleges and professional schools.....	112 990 676
Special higher institutions.....	5 538 646
Indian schools.....	26 400
Total.....	<u>\$329 533 991</u>

TOTAL EXPENDITURES FOR YEAR 1908-9

Common elementary schools.....	\$47 146 722 93
Special elementary schools.....	433 756 63
Common high schools.....	6 816 160 48
Special high schools.....	244 154 24
Academies.....	3 580 110 87
Universities, colleges & professional schools...	16 456 213 43
Special higher institutions.....	312 135 38
Normal schools.....	471 438 89
Training classes and schools.....	385 058 73
Indian schools.....	19 537 06
Evening schools.....	830 928 74
Total.....	<u>\$76 696 217 38</u>

With great respect

Very sincerely yours



Commissioner of Education

Albany, N. Y., January 24, 1910.

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