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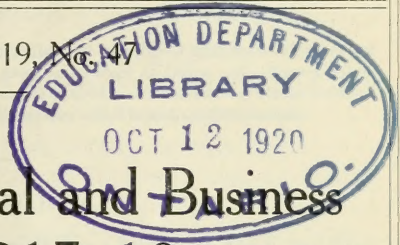
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DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

BULLETIN, 1919, No. 47



Private Commercial and Business Schools, 1917-18

PREPARED IN THE STATISTICAL DIVISION
OF THE BUREAU OF EDUCATION
UNDER THE SUPERVISION OF H. R. BONNER
COLLECTOR AND COMPILER OF STATISTICS

[Advance sheets from the Biennial Survey of Education
in the United States, 1916-1918]



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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BULLETIN 1919

Private Commercial
Schools, 1917-18

PREPARED BY THE STATISTICAL BRANCH
OF THE BUREAU OF EDUCATION
UNDER THE SUPERVISION OF A. S. WOODRUFF
CHIEF, STATISTICAL BRANCH

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PRIVATE COMMERCIAL AND BUSINESS SCHOOLS, 1917-18.

CONTENTS.—Biennial statistics—Schools included—Classification of schools—Graduates—Number of schools reporting—Size of schools—Enrollment—The moving average of index numbers—Average attendance in day and night schools—Enrollment by course of study—Instructors—Average number of students per instructor—Length of daily session—Tuition fees—Shorthand systems taught.

BIENNIAL STATISTICS.

Throughout the following report it will be observed that no historical statistics are given for the school year 1916-17. After the statistical report for the scholastic year 1915-16 had been compiled the Bureau of Education adopted the plan of collecting statistical reports biennially instead of annually as had been done the preceding years. The changes in the totals of corresponding items for consecutive years are very slight, and for most purposes biennial statistics will suffice.

SCHOOLS INCLUDED.

In corresponding preceding reports certain statistics of commercial departments of public high schools have been included in the chapter on private commercial and business schools. This year this chapter will be published before the high-school reports will have been tabulated. A report on the larger commercial departments in public and private high schools will appear in the chapter on "High Schools" in the Biennial Survey. Statistics on commercial departments in colleges and universities will be found in the chapter on "Colleges, universities, and professional schools" of the Biennial Survey.

CLASSIFICATION OF SCHOOLS.

This chapter contains statistics of two types of schools hitherto tabulated together in alphabetical order: First, the purely private commercial and business schools not connected or affiliated with any religious organization and, second, the Y. M. C. A. commercial departments and schools conducted by religious organizations. In the following pages the two types will be referred to for convenience as nondenominational and denominational schools, although it is well understood that the Y. M. C. A. schools are not "denominational" in the usual sense. The statistics of these two types of schools are so unlike that it is thought advisable to separate them and to make summary tables for each group. The historical graphs and the graphs on shorthand systems taught, as used herein, embrace both types of schools, while the graphs showing "students per

instructor," and "hours per day," and showing tuition rates include only nondenominational commercial schools. This classification, therefore, separates the schools which are conducted on a purely commercial basis from those having a religious or denominational trend and warrants certain deductions concerning the former which would be more or less vitiated if the latter had not been placed in a separate tabulation.

GRADUATES.

So unsatisfactory have been the returns designating the number of graduates that this inquiry was omitted from the statistical schedule for 1917-18. A large number of commercial school students leave school before they have finished the prescribed course or just as soon as they can qualify for a position. In many schools students are permitted to leave at any time and no regular graduation exercises are held. Consequently, it is difficult for commercial schools to keep accurate records on the number of graduates. Further, graduation from a 3-months' course is not equivalent to graduation from a 12-months' course, and the total number of graduates is without special significance.

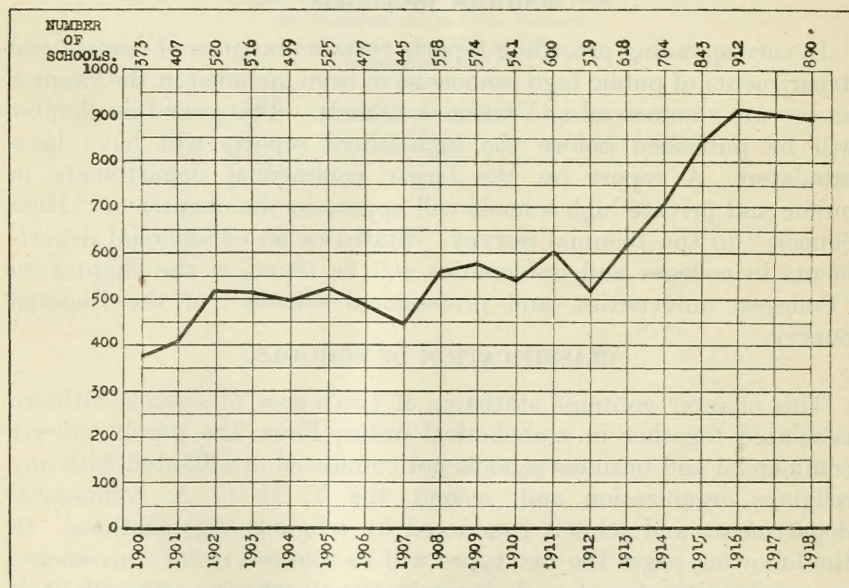


FIG. 1.—Number of private commercial and business schools reporting, 1900-1918.

NUMBER OF SCHOOLS REPORTING.

This year a slight decrease is shown in the number of private commercial and business schools reporting. In 1916, reports were received from 912 schools, while in 1918 only 890 schools submitted reports which could be used. This decrease may be due to the discontinuation of a number of smaller schools on account of war con-

ditions, but many schools this year either refused to report or submitted an inconsistent report which could not be included in the detailed tabulations. The Bureau of Education maintains a mailing list of private commercial and business schools which contains 1,329 schools, as indicated in columns 2 and 11 of Table 7. This list has been revised annually, and probably includes a large percentage of such schools in the United States. It can be seen, therefore, that this chapter is not a complete presentation of private commercial school statistics, but it is representative in that it contains 67 per cent of all schools listed.

TABLE 1.—*Summary of statistics of all private commercial and business schools reporting, 1900 to 1918.*

Schools and students.	1900	1901	1902	1903	1904	1905	1906	1907	1908
Schools reporting.....	373	407	520	516	499	525	477	445	558
Instructors:									
Men.....	1,413	1,596	1,996	1,979	1,898	2,016	1,825	1,720	1,979
Women.....	699	838	1,092	1,132	1,124	1,260	1,163	1,136	1,386
Total.....	2,112	2,434	3,088	3,111	3,022	3,276	2,988	2,856	3,365
Total students, day and night schools:									
Men.....	58,396	68,519	81,344	79,175	80,596	84,621	74,366	75,589	82,921
Women.....	33,153	41,512	55,903	58,804	57,767	61,465	55,719	61,775	72,042
Total.....	91,549	110,031	137,247	137,979	138,363	146,086	130,085	137,364	154,963
Total students in day schools.....	70,978	81,694	109,107	106,989	105,967	113,255	100,995	96,100	124,730
Total students in night schools.....	16,094	20,470	27,597	30,994	32,120	34,205	33,404	32,643	39,031
Average attendance, day schools.....			155,162	161,577	158,359	46,534	40,988	39,687	51,317
Average attendance, night schools.....						15,676	13,180	14,524	16,840
Total students in commercial or book-keeping course.....	50,382	68,280	72,953	68,980	67,654	72,804	71,488	57,271	62,075
Total students in stenographic or amanuensis course.....	34,505	39,070	58,734	62,748	61,923	65,370	64,857	53,991	58,479
Total students in combined course.....									19,217
Total students in telegraphy course (wire).....	1,319	1,974	4,227	2,577	2,934	3,923		3,083	3,724
Per cent of attendance, day school.....						41	40	41	41
Per cent of attendance, night school.....						45	40	43	42

Schools and students.	1909	1910	1911	1912	1913	1914	1915	1916	1918
Schools reporting.....	574	541	600	519	618	704	843	912	890
Instructors:									
Men.....	1,923	1,736	1,926	1,758	1,878	2,019	2,396	2,604	2,310
Women.....	1,377	1,200	1,379	1,262	1,505	1,731	1,913	1,987	2,930
Total.....	3,300	2,936	3,305	3,020	3,383	3,750	4,309	4,591	5,240
Total students, day and night schools:									
Men.....	78,652	72,887	82,775	72,258	82,775	85,432	94,870	99,134	96,449
Women.....	67,636	61,891	72,469	65,532	77,782	82,631	88,416	93,254	193,130
Total.....	146,288	134,778	155,244	137,790	160,557	168,063	183,286	192,388	289,579
Total students in day schools.....	112,522	100,746	115,565	102,407	117,881	119,572	130,431	128,736	182,614
Total students in night schools.....	34,160	34,032	39,679	35,383	42,676	48,491	52,855	63,652	106,965
Average attendance, day schools.....	49,186	44,290	52,008	43,451	52,697	56,396	60,894	56,992	79,675
Average attendance, night schools.....	14,550	14,593	16,343	15,714	18,274	20,579	22,670	26,530	43,013
Total students in commercial or book-keeping course.....	55,482	47,703	51,022	43,295	49,643	56,894	60,801	61,315	69,520
Total students in stenographic or amanuensis course.....	49,441	44,868	52,405	48,069	55,649	63,915	72,362	70,554	152,402
Total students in combined course.....	20,590	17,720	22,768	22,613	27,051	31,443	38,291	40,486	48,481
Total students in telegraphy course (wire).....	3,413	2,094	2,713	2,134	2,047	3,648	3,059	3,341	4,915
Per cent of attendance, day school.....	44	43	45	42	45	47	45	44	43
Per cent of attendance, night school.....	41	43	41	43	42	43	42	42	40

¹ Includes attendance in night schools.

The increase in the number of commercial schools reporting each year since 1900 is shown in Table 1 and in figure 1. A decided increase is shown since 1912. Previous to this date a certain irregularity in the curve exists, an abrupt rise being evident in 1901 and 1902 and a falling off in 1906 and 1907. Presumably in the past few years a more thorough method has been used in procuring reports than was used in the years immediately preceding, or possibly there has been a growing interest on the part of private commercial schools in submitting reports. The general rise in the curve can not be attributed wholly to these two factors, but chiefly to the rapid multiplication of schools of this type throughout the country.

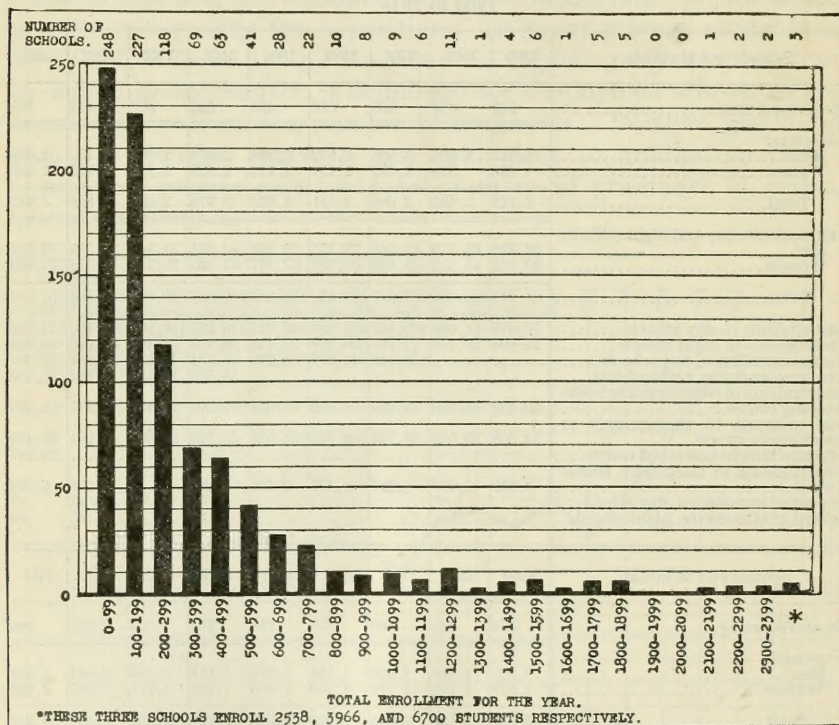


FIG. 2.—Distribution of 890 private commercial schools, according to enrollment, 1917-18.

SIZE OF SCHOOLS.

By reference to figure 2 it will be noted that many schools are very small, 248 having an enrollment of less than 100 for the year, and 227 having an enrollment of from 100 to 199, inclusive. Only three schools have an enrollment exceeding 2,500. The median enrollment of the 890 schools falls between 186 and 187. This means that 445 schools have an enrollment of 187 or over and 445 schools have an enrollment of 186 or less. The median, therefore, falls in the second bar in figure 2 in the group having an enrollment of be-

tween 100 and 199, inclusive. If the enrollment in all schools is arranged in order of magnitude, and the array is divided into four nearly equal groups of 222, 223, 222, and 223 schools, respectively, it is found that the first group contains schools having an enrollment of 90 students or fewer; the second an enrollment of from 90 to 186; the third an enrollment of between 187 and 400; and the highest group, an enrollment of 400 and over. In other words, half the commercial schools have an enrollment of between 90 and 400, inclusive. The average enrollment is 325 students.

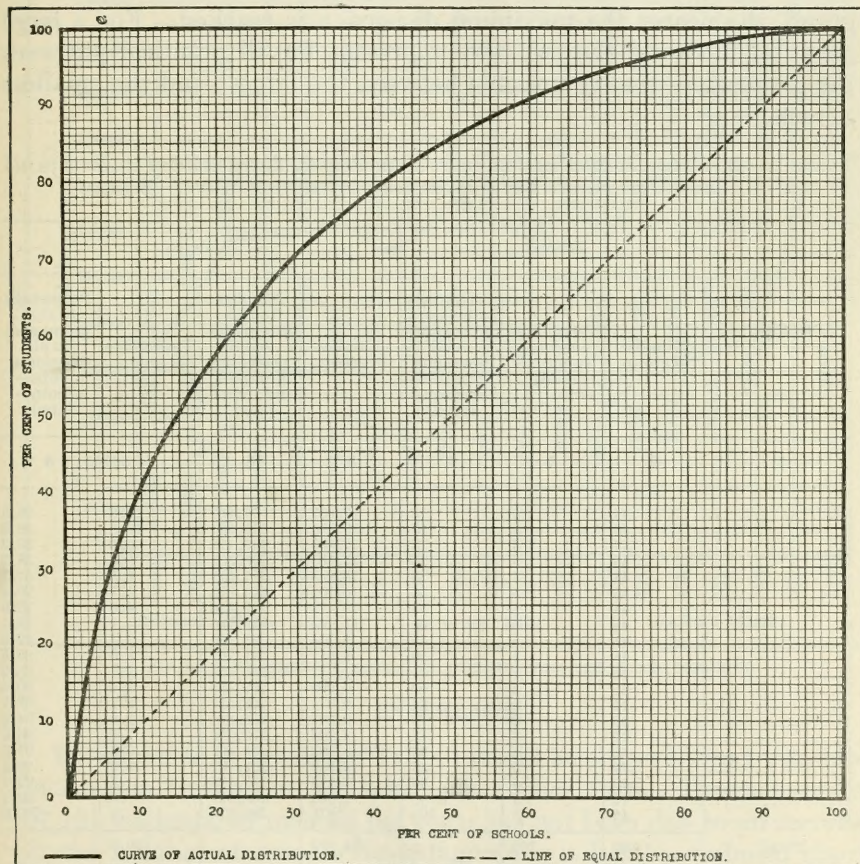


FIG. 3.—Distribution of students in private commercial schools, 1917-18.

The curve in figure 3 enables the reader to determine readily the percentage of students in any desired percentage of schools, or vice versa. Reading from the vertical scale, one will observe that 60 per cent of the students are enrolled in about 22 per cent of the schools, and 90 per cent of the students in about 59 per cent of the schools. Reading from the base line, one may see that 50 per cent of the schools enroll 85.5 per cent of the students, and 30 per cent of the

schools enroll 70.4 per cent of the students. If the enrollment were equally distributed in all schools, the curve would follow the "line of equal distribution" in such a way that 50 per cent of the schools would enroll 50 per cent of the students, and 70 per cent of the students would be enrolled in 70 per cent of the schools. The "bowing" of the curve away from the line of equal distribution indicates the degree of inequality in the distribution, or, in technical terms, the dispersion in the distribution. The further the curve recedes from the line of equal distribution the greater the dispersion. The nearer the curve comes to the vertical and horizontal axes of the graph, the nearer the maximum dispersion is reached. For a large group of measures the two axes represent for all practical purposes the greatest inequality possible between the largest and the smallest schools.

TABLE 2.—*Derivation of data, used in figure 3, showing the distribution of students in all private commercial and business schools reporting in 1917-18.*

Groups.	Schools.			Students.			
	Number in group.	Percentage in group (approximately).	Percentage in this group and in all preceding groups—accumulated.	Number in group.	Number in this group and in all preceding groups—accumulated.	Percentage in group.	Percentage in this group and in all preceding groups—accumulated.
1	2	3	4	5	6	7	8
1 ¹	44	5	5	77,607	77,607	26.8	26.8
2.....	45	5	10	39,976	117,583	13.8	40.6
3.....	44	5	15	27,895	145,478	9.6	50.2
4.....	45	5	20	23,085	168,563	8.0	58.2
5.....	44	5	25	18,948	187,511	6.5	64.7
6.....	45	5	30	16,504	204,015	5.7	70.4
7.....	44	5	35	13,411	217,426	4.6	75.0
8.....	45	5	40	11,760	229,186	4.1	79.1
9.....	44	5	45	9,764	238,950	3.4	82.5
10.....	45	5	50	8,817	247,767	3.0	85.5
11.....	44	5	55	7,717	255,484	2.7	88.2
12.....	45	5	60	6,999	262,483	2.4	90.6
13.....	44	5	65	6,034	268,517	2.1	92.7
14.....	45	5	70	5,347	273,864	1.8	94.5
15.....	44	5	75	4,305	278,169	1.5	96.0
16.....	45	5	80	3,692	281,861	1.3	97.3
17.....	44	5	85	2,936	284,797	1.0	98.3
18.....	45	5	90	2,328	287,125	.8	99.1
19.....	44	5	95	1,583	288,708	.6	99.7
20.....	45	5	100	871	289,579	.3	100.0
Total.....	890	100	.....	289,579	.....	100.0	.....

¹ The groups are arranged in order of magnitude, i. e., group 1 includes the 44 largest schools; group 2, the 45 next largest, etc.

Table 2 shows the method ascertaining the location of the curve just described. The 890 schools were divided into 20 groups, composed alternately of 44 and 45 schools, the total not admitting of an equal division. Group 1 includes the 44 largest schools, group 2 the 45 next largest schools, etc. Approximately 5 per cent of the schools are in each group. The number and percentage of students in each

group of schools are determined as shown in columns 5 and 7, and the corresponding accumulated totals in columns 6 and 8. The curve is then located at the points on each 5 per cent line indicated by the percentage of students enrolled in each group.

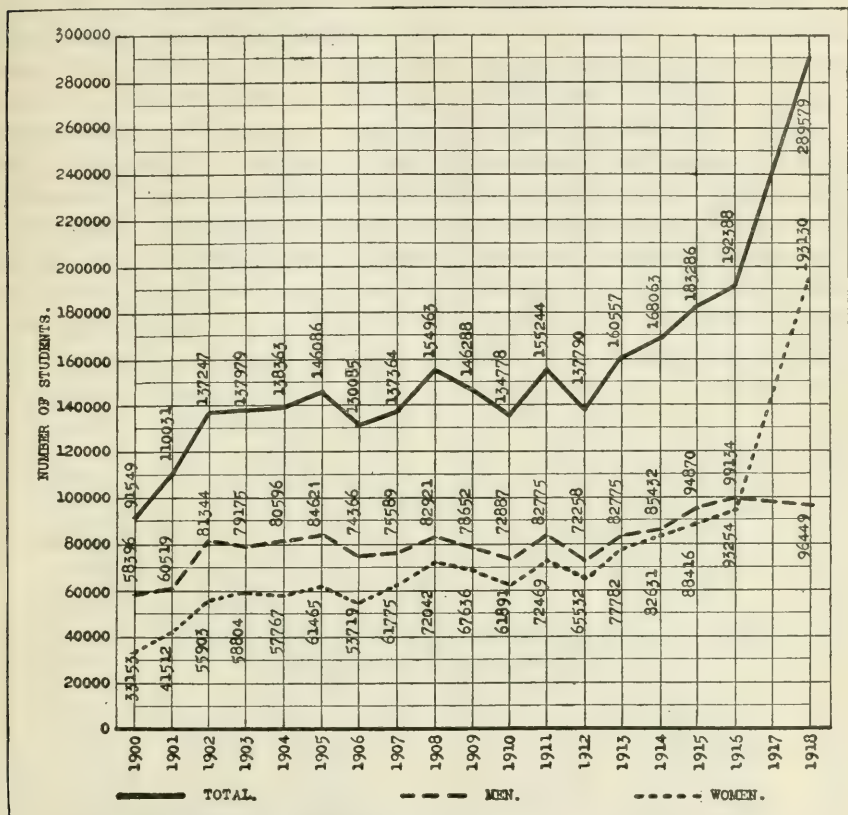


FIG. 4.—Total number of students in private commercial schools, 1900-1918.

ENROLLMENT.

By reference to figure 4 of Table 1 it will be observed that a decided increase in enrollment has taken place since 1916. This increase of 97,191 students, or over 50 per cent, has not been due to an increase in the number of schools reporting, since it has been shown above that there was an actual decrease of 22 schools reporting. Assuming that there are 1,329 private commercial schools in the United States, one can readily see that the 912 schools reporting in 1916 and the 890 reporting in 1918 constitute fair samples of the total number. It is unlikely, also, that larger schools reported in 1918 than did in 1916. The increase of 50 per cent in enrollment within the past two years has undoubtedly been due to war demands. The call for clerks, stenographers, bookkeepers, and telegraph operators has

caused many students to enter private commercial schools where the necessary training could be secured in the shortest time.

This conclusion is further warranted by the fact that the large increment in enrollment is due wholly to the increase in the number of women students. It will be noted that there has been a decrease of 2,685, or 27 per cent, in the number of men students enrolled and an increase of 99,876, or 107 per cent, in the number of women students enrolled. In other words, the enrollment of women students has more than doubled within the past two years. From the graph it will be observed that there has been a more rapid increase since 1900 in the number of women than in the number of men. The rate of increase, while gradual, does not become pronounced until 1918. The figures warrant, therefore, the further conclusion that an increasingly larger number of women than men are attending private commercial schools. The demand for stenographers, the large percentage

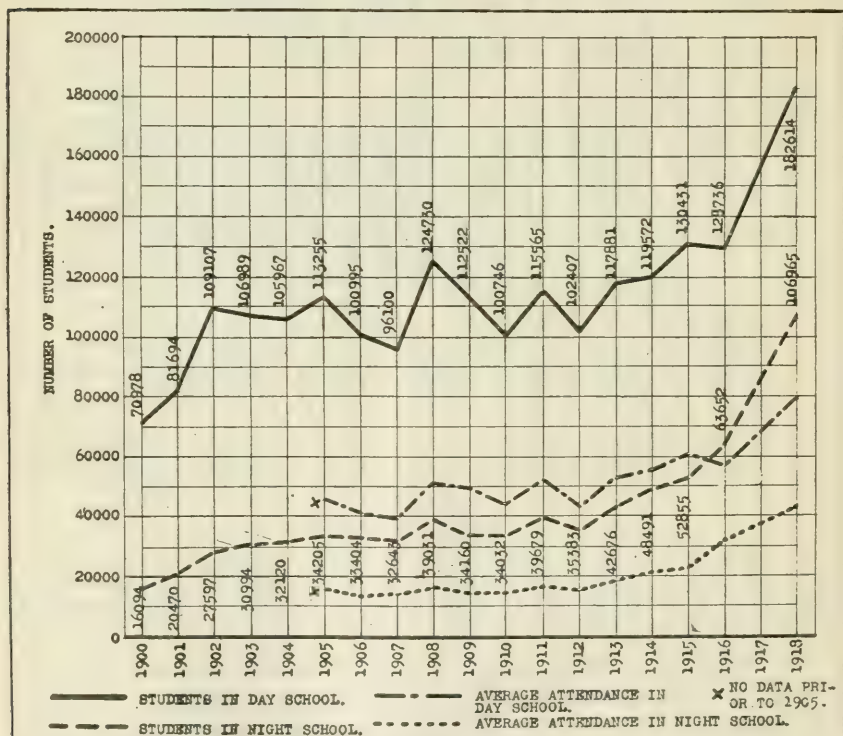


Fig. 5.—Students and average attendance in day and night courses in private commercial schools, 1900-1918.

of whom are women, may account for the rapid rise in the curve representing the enrollment of women. Eliminating from consideration the abnormal statistics for 1918, it is found that from 1900 to 1916 the number of women enrolled shows an increase of 60,101, or 181 per cent, while the number of men enrolled shows an increase of

only 40,738, or 70 per cent. All this indicates a shifting in the personnel of the student body. The slight irregularities in the curves are undoubtedly due to the fact that the Bureau of Education must depend entirely upon the good will of the presidents of commercial schools to submit a report, and consequently at no time do the statistics present the whole situation.

ENROLLMENT IN DAY AND IN NIGHT COURSES.

This year 716 private commercial schools reported night courses. This means that over 80 per cent of such schools maintained night courses. It is of interest to note the very rapid rise in enrollment in night courses as depicted in figure 5. The increase has been very pronounced since 1912, and especially so within the past two years. In the day courses there has been a corresponding increase for the same periods, but the rate of increase has not been so great. This fact can not be readily determined from the graph, but is very apparent in figure 6, in which the enrollment for each year has been reduced to index numbers.

TABLE 3.—Method of computing the index numbers and the moving averages used in figure 6.

Years.	Enrollment.		Index numbers ¹ for—		Total indices for 5-year periods.		Moving average of index numbers.	
	Day schools.	Night schools.	Day schools.	Night schools.	Day schools.	Night schools.	Day schools.	Night schools.
1	2	3	4	5	6	7	8	9
1900.....	70,978	16,094	63	40	² 359	² 237	² 72	² 47
1901.....	81,694	20,470	73	50	² 391	² 273	² 78	² 55
1902.....	109,107	27,597	97	67	² 422	² 312	² 84	² 62
1903.....	106,989	30,994	95	76	460	356	92	71
1904.....	105,967	32,120	94	79	477	388	95	78
1905.....	113,255	34,205	101	84	466	401	93	80
1906.....	100,995	33,404	90	82	482	421	96	84
1907.....	96,100	32,643	86	80	488	426	97	85
1908.....	124,730	39,031	111	96	477	426	95	85
1909.....	112,522	34,160	100	84	490	441	98	88
1910.....	100,746	34,032	90	84	495	448	99	89
1911.....	115,565	39,679	103	97	489	458	98	91
1912.....	102,407	35,383	91	87	496	494	99	99
1913.....	117,881	42,676	105	106	522	540	104	108
1914.....	119,572	48,491	107	120	534	600	107	120
1915.....	130,431	52,855	116	130	582	717	116	143
1916.....	128,736	63,652	115	157	640	862	128	172
1917.....	.....	.....	² 139	² 204	² 696	² 993	² 139	² 198
1918.....	182,614	106,965	163	251	² 743	² 1,114	² 148	² 223
Average....	112,239	40,247	.....	.....	.....	.....	.....	.....

¹ Obtained by dividing enrollment for each year by the average enrollment.

² Estimated.

³ This is the sum of the index numbers from 1900 to 1904, inclusive, etc.

⁴ Columns 6 and 7 divided by 5, respectively.

The method used in securing these index numbers is shown in Table 3. The enrollment for each year is divided by the average enrollment for the years under consideration, giving the index numbers shown in columns 4 and 5 for day and night courses, respec-

tively. By means of these index numbers the two curves are brought nearer each other in such a way that comparisons showing the rates of increase may be made. The relative steepness of the slopes of the two curves between any two consecutive points indicates the rate of change. Thus between 1916 and 1918 the curve for the night school enrollment shows a steeper slope than the curve for the day schools. Consequently a more rapid change in night school enrollment within this period has taken place.

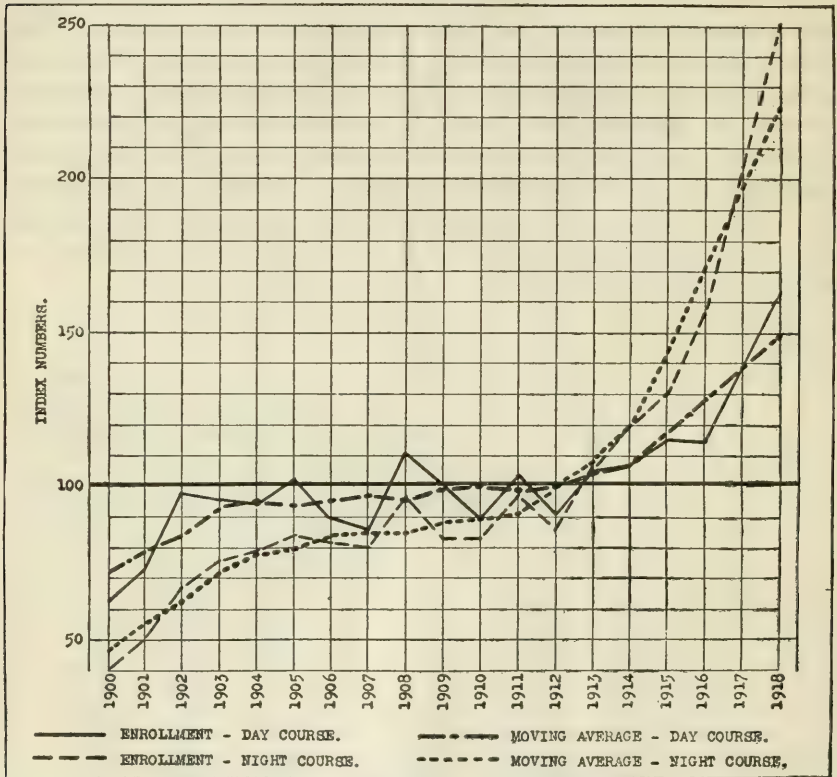


FIG. 6.—Index curves showing the rates of change in enrollment in day and night courses in private commercial schools, 1900-1918.

THE MOVING AVERAGE OF INDEX NUMBERS.

In both curves certain irregularities will be observed. Undoubtedly these low points are due more to the failure of commercial schools to submit reports than to any other factor. If all schools had reported each year presumably a more gradual rise would have appeared in the curves. To eliminate these fluctuations in the index curves, moving averages have been applied. The method employed in securing the points used in locating these moving averages is shown in Table 3. For example, to secure the point

for the day school moving average in 1910 the corresponding index numbers for 1908 to 1912, inclusive, are added. In other words, 111, 100, 90, 103, and 91 are added to give the corresponding total for 1910 in column 6. This total of 495 is divided by 5, since 5 consecutive numbers have been used in securing it. The quotient, 99, is placed in column 8 and is used in locating the moving average for the day school in 1910. In a similar manner the other points are determined. It is necessary in computing the first two and the last two points in the series to repeat the index numbers at each end a sufficient number of times to secure the interval of 5 years. The two points on each curve at either end may be fictitious, therefore, since the data beyond the limits of the period under consideration have not been or could not be secured. It is assumed that the terminal numbers are repeated. By reference again to figure 6, it will be noted that the moving averages have only slight fluctuations and that the one for the night school rises more rapidly throughout the period under discussion than does the moving average for the day school. This means that the enrollment in night schools is increasing much more rapidly than enrollment in day schools. In fact, the enrollment in night schools since 1900 has increased 560 per cent, while the enrollment in day schools has increased only 157 per cent. Without doubt these percentages would not have been so large had not the war demands for commercial school graduates been so great.

AVERAGE ATTENDANCE IN DAY AND NIGHT SCHOOLS.

In figure 5 it is difficult to ascertain whether the per cent of average attendance is greater in day or night schools. To answer this question the per cent of average attendance for each year since 1905 has been computed for both day and night schools and the results inserted in Table 1. By reference to this table it will be found that the average attendance in the day schools varies from 40 per cent in 1906 to 47 per cent in 1914. Since the latter date a gradual decrease is shown. These percentages are significant, yet likely to be misconstrued. They do *not* mean that each student attends only 47 per cent of the time while he is in school. Of course, absence while in attendance cuts down the percentage, but it is doubtful if such absence amounts to as much as 10 per cent. On the other hand, these small percentages mean that in the "average" private commercial school the time required to complete the course is very short, even less than 6 months. Assuming that the capacity of an "average" commercial school is 200 students and an average attendance of 200 is reported and the total enrollment for the year is 400, evidently the "turnover" in the school during the year is 100 per cent. In other words, the student body must change once during

the year. Consequently the "average" student would remain only 6 months in the institution. Allowing for absence while students are actually enrolled, the percentages given in Table 1 would undoubtedly be less than 50 per cent, and consequently the "average" student in private commercial schools does not remain longer than 6 months. The fact that some students are enrolled for a part of two consecutive years does not modify this conclusion, since consecutive reports show approximately the same percentages of "turnover" and since "leftovers" will be counted both in enrollment and average attendance. It is true that some students enter commercial schools but do not complete the course. This tendency makes the "turnover" greater than if all should remain to graduate. A sufficient allowance has probably already been made to compensate for withdrawals. A casual glance at columns 22, 23, and 25 in Table 20 will convince the reader that this conclusion is sound. An inspection of the graphs herein on tuition rates for all courses except the combined will reveal a central tendency in the bars representing $3\frac{1}{2}$ to 6 months or $6\frac{1}{2}$ to 9 months. These will be discussed later in this chapter. It is gratifying to note that in general there was a gradual increase in the percentage of average attendance from 1905 to 1914. After this date a decrease is evident.

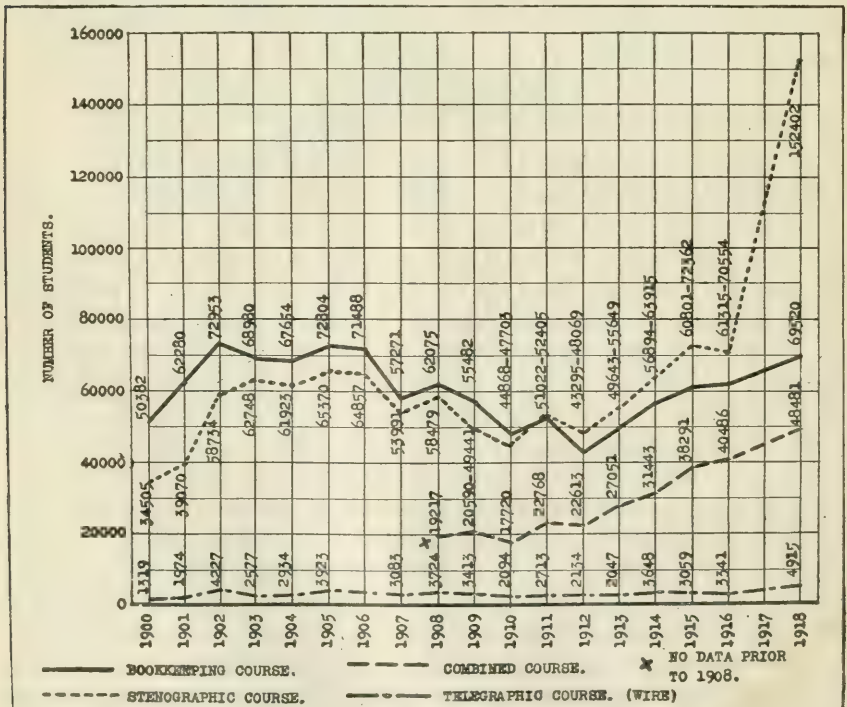


FIG. 7.—Enrollment in the leading courses of study offered by private commercial schools, 1900-1918.

In night schools no pronounced tendency is evident in the percentages of attendance given in Table 1. In 1918 the percentage is smaller than it has been since 1906. Few schools reported the time required for graduation from the night course; consequently, these items have not been tabulated in this report. From a casual inspection of the reports submitted, it appears that it takes about twice as long to complete the night course as the day course. Therefore, the percentages given for the night course in Table 1 show the "turnover" but afford no index as to the average time required to complete the night course.

ENROLLMENT BY COURSE OF STUDY.

It will be observed in figure 7 that a decided increase in the number of students enrolled in stenographic courses is shown in 1918. The number increased from 70,554 in 1916 to 152,402 in 1918, or 116 per

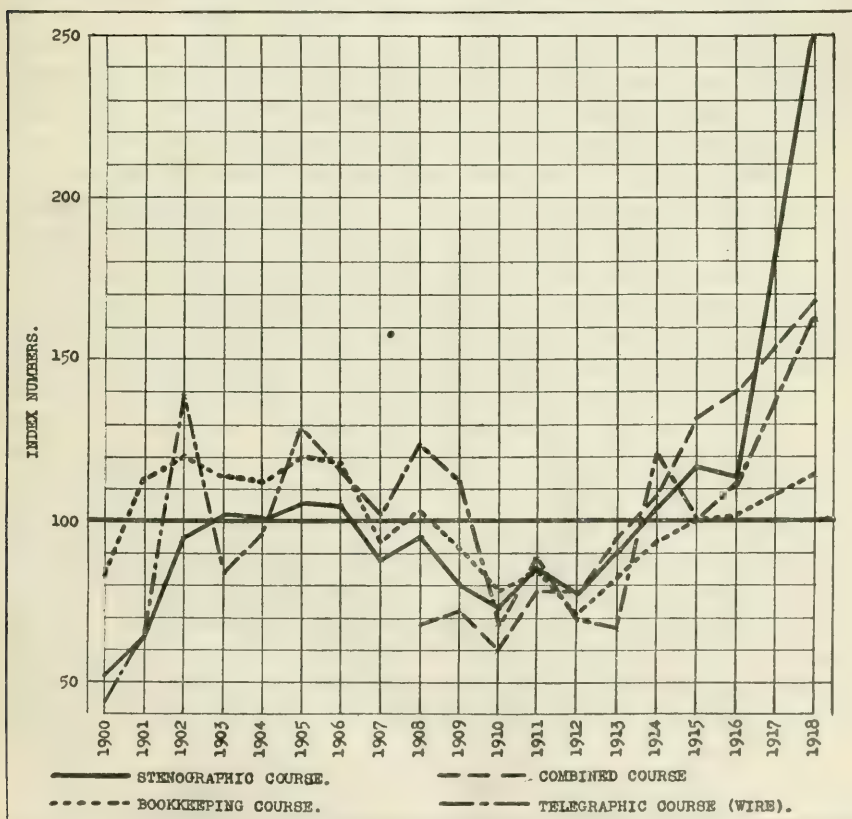


FIG. 8.—Index curves showing the rates of change in enrollment in the leading courses of study offered by private commercial schools, 1900-1918.

cent. This abnormal increase has presumably been caused by the demand for stenographers on account of the war. The enrollment in the combined course which includes a study of shorthand also

shows a gradual rise since 1910, but no very pronounced increase is evident in 1918. Evidently the demand for stenographers in 1918 was so insistent that few students would resist it long enough to complete both a stenographic and a bookkeeping course. The bookkeeping or commercial course shows in general a decrease from 1902 to 1912, and a gradual increase since that time. This course evidently did not receive a very great impetus on account of war conditions. The bookkeeping course in 1900 apparently was more popular than the other courses offered in private commercial schools. It continued to lead until 1911. Since 1911 the stenographic course has been decidedly the most popular.

Since the curves in figure 7 are so far apart, it is difficult to compare the increases in enrollment in the various courses offered. For example, was the increase in enrollment in the course in telegraphy (wire), from 1916 to 1918, proportionally as great as the corresponding increase in the combined or in the bookkeeping course? To answer such questions the enrollments given in figure 7 have been reduced to index numbers which are plotted in figure 8. From this graph it will be noted that the slope of the curve for the course in telegraphy (wire) is steeper between 1916 and 1918 than either of the curves for the bookkeeping or the combined course. The relative rate of increase has, therefore, been greater. However, for the same interval the curve for the stenographic course is steeper even than that for the course in telegraphy (wire). In the rate of increase in enrollment, therefore, between 1916 and 1918, the stenographic ranks first; the telegraphic, second; the combined, third; and the bookkeeping, fourth. Similar comparisons might be made between any other two consecutive intervals. It must be borne in mind that the relative positions of the curves do not indicate rates of increase. Only the slope or steepness of the curves shows the rate of increase. For example, between 1916 and 1918 the curve for the combined course stands above the "telegraphic" curve, but the latter shows the greater increase during this period. By means of index curves inconspicuous fluctuations in original curves running near the base of the graph are magnified in such a way as to make them comparable with the corresponding fluctuations in the original curves more centrally located in the graph of the absolute data. In other words, index curves facilitate comparisons which could not be made from the original graph.

TABLE 4.—Method of computing the index numbers and the moving averages used in figure 8.

Year.	Enrollment, by courses.				Index numbers for— ¹			
	Commer- cial.	Steno- graphic.	Com- bined.	Tele- graphy (wire).	Commer- cial course.	Steno- graphic course.	Com- bined course.	Tele- graphy (wire) course.
1	2	3	4	5	6	7	8	9
1900.....	50,382	34,505		1,319	83	52		44
1901.....	68,280	39,070		1,974	113	64		65
1902.....	72,953	58,734		4,227	120	95		139
1903.....	68,980	62,748		2,577	114	102		84
1904.....	67,654	61,923		2,934	112	100		96
1905.....	72,804	65,370		3,923	120	106		129
1906.....	71,488	64,857			118	105		² 116
1907.....	57,271	53,991		3,083	94	88		102
1908.....	62,075	58,479	19,217	3,724	103	95	68	123
1909.....	55,482	49,441	20,590	3,413	91	80	72	112
1910.....	47,703	44,868	17,720	2,094	78	73	60	69
1911.....	51,022	52,405	22,768	2,713	84	85	78	89
1912.....	43,295	48,069	22,613	2,134	71	78	78	70
1913.....	49,643	55,649	27,051	2,047	82	90	95	67
1914.....	56,894	63,915	31,443	3,648	94	104	108	120
1915.....	60,801	72,362	38,291	3,059	100	117	132	100
1916.....	61,315	70,554	40,486	3,341	101	114	140	111
1917.....					² 108	² 182	² 154	² 137
1918.....	69,520	152,402	48,481	4,915	114	250	168	162
Average.....	60,420	61,630	28,866	3,007				

¹ Obtained by dividing enrollment for each year by the average enrollment.² Estimated.

The method used in computing the index numbers used in figure 8 is shown in Table 4. The enrollment for each year is divided by the average enrollment in each course since 1900. The quotients obtained in this way are called "index" numbers and are used in locating the curves in the "index" graph. This method of showing rates of change has come into general use.

INSTRUCTORS.

As would naturally be anticipated, the curve representing the teaching staff as shown in figure 9 takes roughly the same general trend as the curve representing the student body shown in a previous graph. After 1912 a rapid rise is evident in each. In 1918, however, the increase in enrollment is much more pronounced than the increase in the teaching force, the former being approximately 50 per cent and the latter only 14 per cent. These percentages would indicate that private commercial schools in 1918 had an unusually large number of students enrolled, to each instructor employed. Evidently the teaching staff had a heavy "load" in 1917-18.

Another similarity exists between the "enrollment" curves and the "instructor" curves, viz, the curve representing the women gradually approaches the one representing the men, the former crossing the latter in the interval 1916 to 1918, in both curves. This condition

means that a larger and larger percentage of instructors in private commercial schools are women. Undoubtedly the curves would not have crossed in 1918 had not the war called so many men into the Army. However, it is evident that there is a decided tendency for

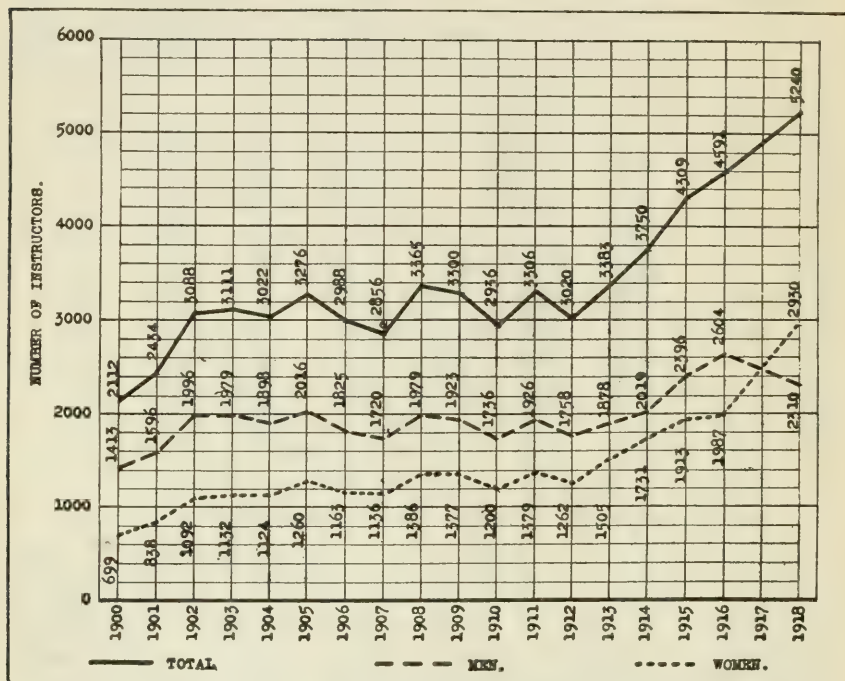


FIG. 9.—Number of instructors in private commercial schools, 1900-1918.

them to interchange positions, and unless some unforeseen counteracting influence appears they may retain in the future the relative positions now occupied. The slight exception to this tendency in 1915 and 1916 may be due to incomplete reports. Barring from consideration the unusual statistics for 1918, it is significant that there has been an increase of 184 per cent in the number of women teachers since 1900, but an increase of only 84 per cent in the number of men teachers.

AVERAGE NUMBER OF STUDENTS PER INSTRUCTOR.

In order to show the number of students per instructor in private commercial schools the data given in figure 10 have been computed and arranged. The total number of students enrolled during the year was not used in ascertaining this distribution as the total enrollment for the year is usually more than twice the number actually present each day. To ascertain a fair average for the distribution, the average daily attendance in each school reporting such attendance was divided by the total number of instructors in corresponding

schools. The quotients obtained were then arranged as shown in the figure. The result is what is known as a "skewed" distribution; that is, there are more measures on the right than on the left of the central tendency. The most common number of students to each instructor is from 16 to 20, inclusive. In all, 143 schools have this "load." Almost an equal number of schools (138) fall in the next higher group with a load varying from 21 to 25, inclusive. It is of interest to note that 476 schools, or 69 per cent of the total number of 690 schools reporting the data used in the construction of this distribution table, have from 11 to 30 students per instructor. While

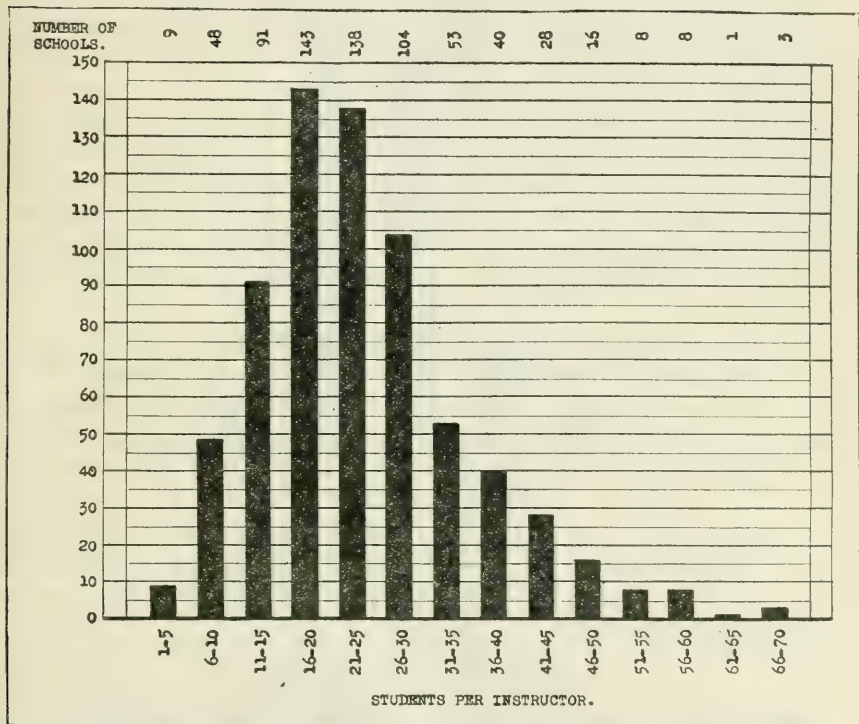


Fig. 10.—Average number of students per instructor in 690 private commercial schools, 1917-18.

no attempt has been made to ascertain the exact range of the "middle half" of the distribution, it may be safely said the four bars included between the limits 11 and 30, inclusive, represent the "safety zone." Schools having a load of 10 or fewer students per instructor, or more than 30, may be in "danger zones." Possibly in certain types of commercial schools it may not be discreditable to fall in the extremes of the distribution. It may be added, however, that this graph does not include Y. M. C. A. schools, in which the enrollment per instructor is usually very large, nor denominational schools, in which the load is very small. Only purely nondenomina-

tional private commercial and business schools have been used in the construction of the curve.

Several private commercial schools refused to report this year on the ground that other commercial schools exaggerated their enrollment in submitting a report. The skewed distribution shown in this graph seems to uphold the criticism offered by the few schools declining to report. If several schools reported an exaggerated attendance but the actual number of instructors, an asymmetrical distribution would result such as that shown in the bar diagram. At any rate, the lack of symmetry shows that there is a larger number of schools reporting an unusually large average number of students to an instructor than a small one. It may be added, further, that it is doubtful whether the most efficient instruction can be given when the average exceeds 45 students to an instructor.

It should be noted that the number of students per instructor is not the same as the average size of classes. If a school had 400 students in attendance each day and 20 instructors employed, each teacher would be charged with instructing an equivalent of 20 students daily in all subjects pursued by them. If each student had 5 recitations daily and each instructor 4 classes the size of each class would be 25.

The average daily attendance used in compiling this graph includes the average attendance in both day and night classes. Possibly some teachers give instruction to students in both kinds of classes. If such condition exists in any school, the fact still remains that the load for the instructors is the same as represented above. It would be advantageous for each school to ascertain its own location in the graph from the statistics incorporated in the following detailed tables. If it falls in the "danger zone" it should be able to justify its position both to the instructors employed and to the students taught.

LENGTH OF DAILY SESSION.

From figure 11 it will be noted that the most common length of the daily session is 5 hours or more, but less than 6 hours. A total of 355 schools fall in this group. The next group, almost as large, consisting of 253 schools, maintains a daily session of 6 hours or more, but less than 7 hours. Out of the 751 nondenominational private commercial and business schools reporting the length of the daily session, 608 hold a session of 5 or 6 hours. In other words, 81 per cent of such schools fall within the two long bars in the graph. The lack of symmetry of this distribution—not so pronounced, however, as that shown for the teaching load in the preceding graph—may partly nullify the assumption that a few schools reported an exaggerated enrollment, since with a heavy load teachers might be

obliged to work "long" hours and not necessarily have large classes at any one time.

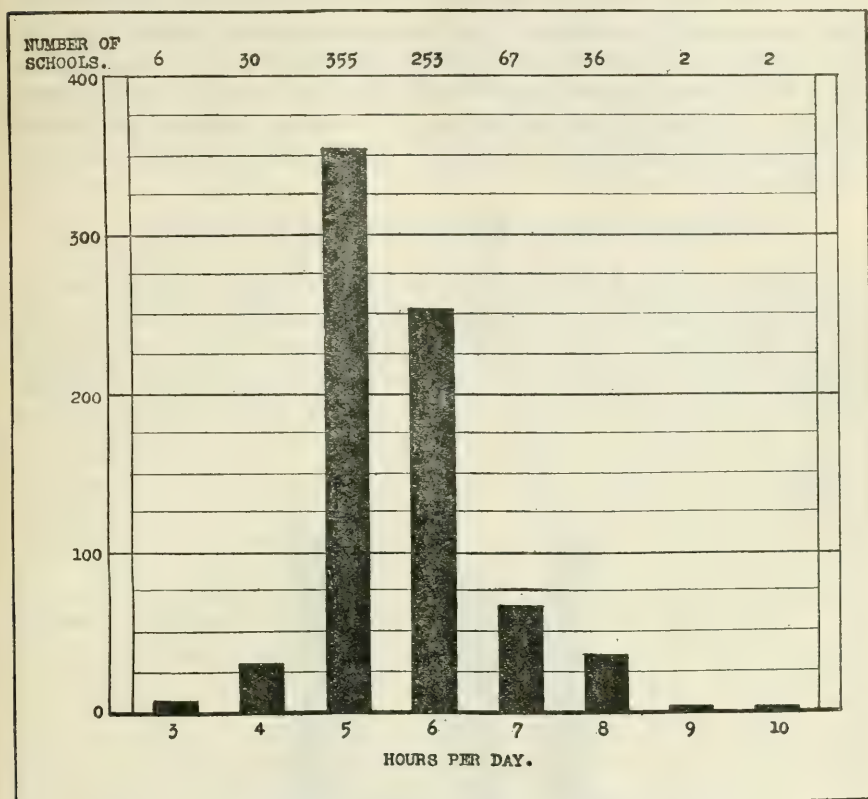


FIG. 11.—Length of the daily session in 751 private commercial schools, 1917-18.

This graph does not include the length of daily session in the night school. By reference to the detailed tables at the end of this chapter it will be observed that night classes are usually held for 2 or 2½ hours. In the schedule used in collecting information for this report no attempt was made to ascertain whether the students were obliged to remain for the entire day session, it being assumed that schools generally require attendance for the entire day. The assumption evidently is erroneous for schools holding a daily session of 8 hours or more.

TUITION FEES.

In the following pages an attempt has been made to study the tuition rates charged by private commercial schools. These rates vary with the nature of the course taken, and higher rates are charged for day than for night courses. Again, some schools charge a tuition rate by the month, and others require payment for the entire course. In most schools the student may pay either by the month or purchase

a scholarship good for the entire course. In general, the cost of taking a course and paying by the month is greater than the cost of a scholarship, unless the student completes the course in a much shorter time than is ordinarily required. The data on which the following graphs are based are all tabulated in Table 20. This study of tuition rates does not include rates charged in Y. M. C. A. and denominational schools. In the following figures the integral number of dollars includes also any fractional part of the integer as well. Thus \$9 includes \$9 up to \$9.99.

TUITION FEES IN THE DAY COURSE PER MONTH.

As will be noted from figure 12, the usual charge by the month for tuition for either the stenographic, the bookkeeping, the combined, or the telegraphic (wire) course varies from \$9 to \$16. The charge is usually \$10, \$12, or \$15. A comparatively small number of schools charge a monthly tuition rate of \$13, or \$14, or fraction thereof, as

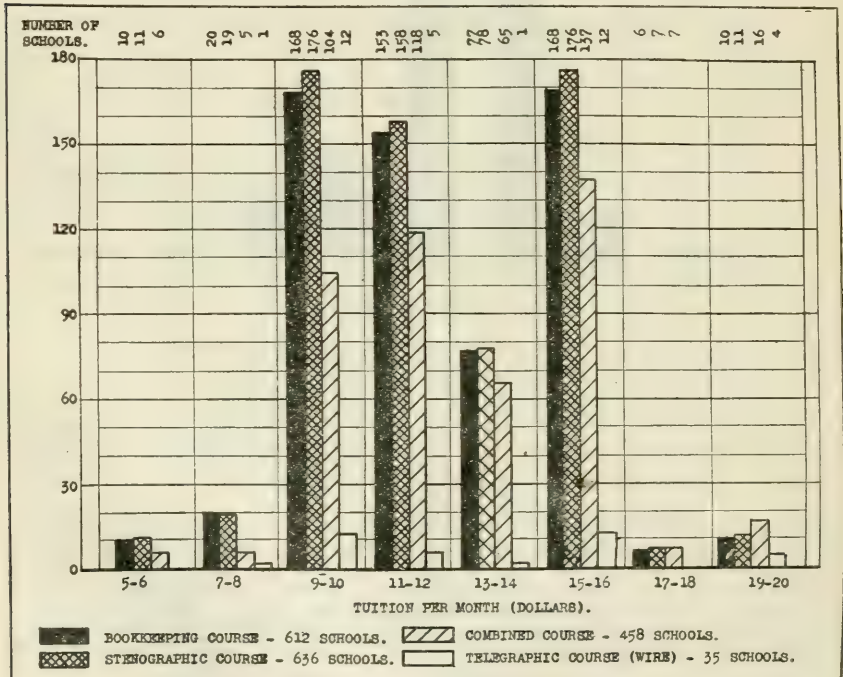


FIG. 12.—Tuition fee per month in the day course in private commercial schools, 1917-18.

indicated in the figure. Any school charging tuition rates designated by the two groups of bars on the extreme right of the graph must either offer a very high grade of instruction, maintain very long daily sessions, or else charge an unusually high rate of tuition. Conversely, schools charging only \$5 to \$8, inclusive, either offer an

inexpensive grade of instruction, maintain very short daily sessions, or charge unduly low tuition rates. This graph probably represents accurately the tuition rates charged by private commercial schools, since in it are given the tuition rates charged by 612 schools offering the commercial course, by 636 schools offering the stenographic course, by 458 schools offering the combined courses, and by 35 schools teaching wire telegraphy. It would be difficult, indeed, to assemble a more representative list of schools than has been included in this graph.

TUITION FEES IN THE NIGHT COURSE PER MONTH.

It will be observed in figure 13 that the usual tuition rates charged for the night course are lower than the corresponding rates for the day course, as shown in the preceding figure. In no case does the rate for the night course exceed \$10 per month. The usual charge is \$5, as shown in the graph. About half as many schools charge \$6, or some fraction thereof, and a still smaller group charge only \$4.

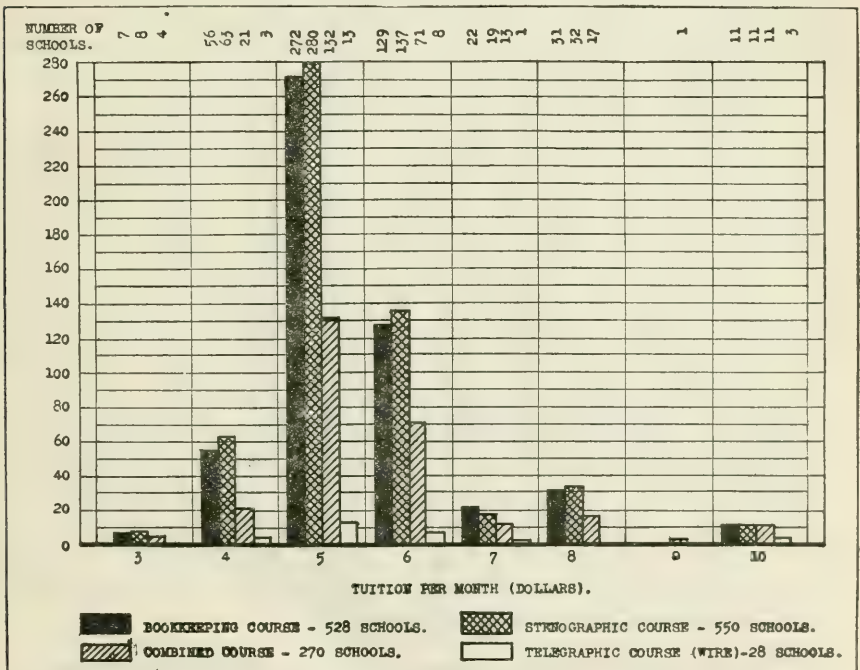


FIG. 13.—Tuition fee per month in the night course in private commercial schools, 1917-18.

A number of schools charge \$7 to \$10 for each course. It is of interest to note that the longest black bar, cross-hatched bar, and single-hatched bar, which represent the commercial, stenographic, and combined courses, respectively, fall in the same group of bars, viz, in the \$5 group. One must conclude, therefore, that in general the

same monthly charge is made for each of these three courses. The same conclusion might be made for the "telegraphic" bars, but as only 28 schools offer a night course in wire telegraphy, any deduction made might be subject to question. Any school charging tuition rates of \$3, \$7, \$8, \$9, or \$10 falls in a "danger zone" in the graph.

TUITION RATES FOR ENTIRE DAY COURSES.

It was found more difficult to show graphically the tuition rates charged students for the entire course in the day school than it was to show the rate by the month, since the time required to complete the entire course varies in different schools and with the course pursued. For example, in one school it takes 12 months to complete the stenographic course, while in another it takes only 3 months. Evidently the former school will make the higher charge for tuition. To evade difficulties like these, the schools offering each course were divided into 5 groups. Group 1 includes all schools in which it was estimated that the course could be completed in 3 months or less; group 2, from 3½ to 6 months, inclusive; group 3, from 6½ to 9 months; group 4, from 9½ to 12 months; and group 5, from 12½ to 15 months. This grouping has not been done arbitrarily, as the schools seem to fall readily into this classification. For example, many schools estimate that 6 months are necessary for the completion of the course, others 6 to 8 months or 6 to 9 months. Where two limiting numbers have been reported, the average of the two has been used in locating the school in the graph. It will be noticed in the figures which follow that the majority of the schools fall in groups 2 and 3, the former group including the larger number for the commercial, the stenographic, and the telegraphic (wire) courses, and the latter leading in the combined course, as would naturally be anticipated. These facts verify the deduction drawn above that the average time required to complete a course in a private commercial school does not exceed 6 months. In this connection it must be remembered that a school does not always fall in the same group in each graph. A school might fall in group 3 when the tuition charge for the entire stenographic course is considered, but in group 5 when the charge for the combined course is considered.

TUITION RATES FOR THE ENTIRE COMMERCIAL OR BOOKKEEPING DAY COURSE.

A remarkable symmetry is evident in figure 14 in groups 2 and 3, showing that almost as large a proportion of schools charge a tuition rate in excess of the usual charge as charge a lower rate. A slight irregularity toward the right of the graph, in group 3, is apparent.

If lines were drawn joining the tops of corresponding bars, two almost perfect curves would be seen, each possessing remarkable symmetry. The slight rise at the right in the curve for group 3 shows that a few schools charge unusually high rates. The curve is slightly skewed in this direction. The highest curve represents the number of schools which offer a course requiring from 3½ to 6 months for completion and charge the tuition rates inserted just below the base line. This means that the largest number of schools (217) are included in group 2, and that the most customary charge for the entire bookkeeping course, covering a period from 3½ to 6 months, is from \$60 to \$69, inclusive. Schools charging higher or lower rates can not justify their charge on the ground that they offer a longer or a shorter course. In a similar way it is evident that the most usual charge made for this course by schools offering

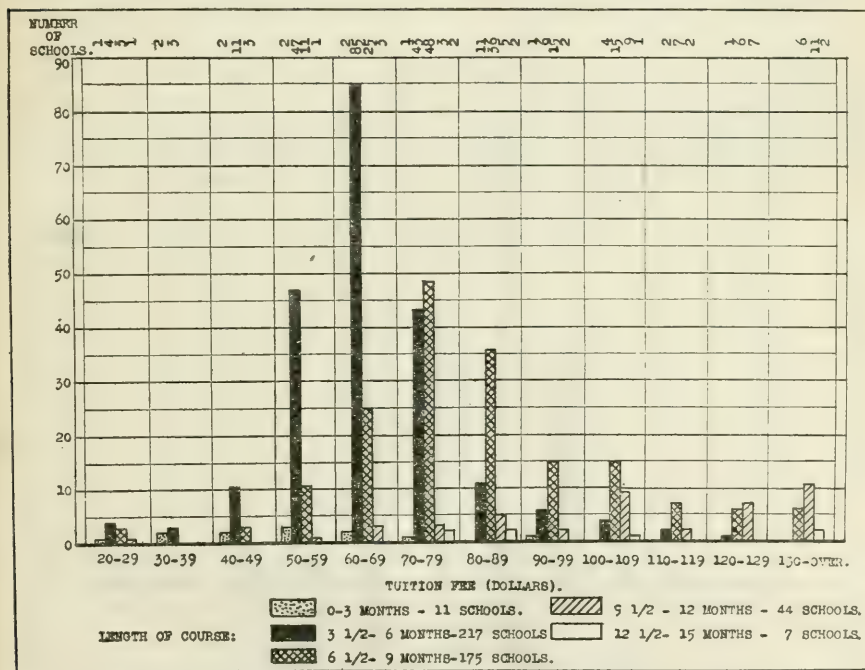


Fig. 14.—Tuition fee for the entire commercial or bookkeeping course in private commercial schools for the day course, 1917-18.

a course covering a period from 6½ to 9 months, inclusive, is from \$70 to \$79, inclusive. No central tendency is evident for schools falling in either groups 1, 4, or 5. The small number of schools in each group, viz, 11, 44, and 7, respectively, does not justify any deductions. It is evident, however, that several schools charge unusually high rates; 11 schools charging \$130 or more for the course.

Altogether, 454 schools reported the tuition rate charged for the commercial or bookkeeping course. Of this number, 217 schools, or 48 per cent, offer a course extending from 3½ to 6 months; and 85 of these, or 39 per cent, charge a fee ranging from \$60 to \$69. Again, 175 schools, or 39 per cent of the total number reporting, maintain a 6½ to 9 months' course; and 48 of these, or 27 per cent, charge a fee of \$70 to \$79. Only 44 schools, or less than 10 per cent of the total number, offer a 9½ to 12 months' course, and the charge for tuition in most instances is over \$100.

TUITION RATES FOR THE ENTIRE STENOGRAPHIC DAY COURSE.

Figure 15 contains two very symmetrical distributions similar to the corresponding ones in figure 14. In other words, groups 2 and 3 in this graph have almost the same number of schools charging lower or higher tuition fees than the rate indicated by the longest bar in

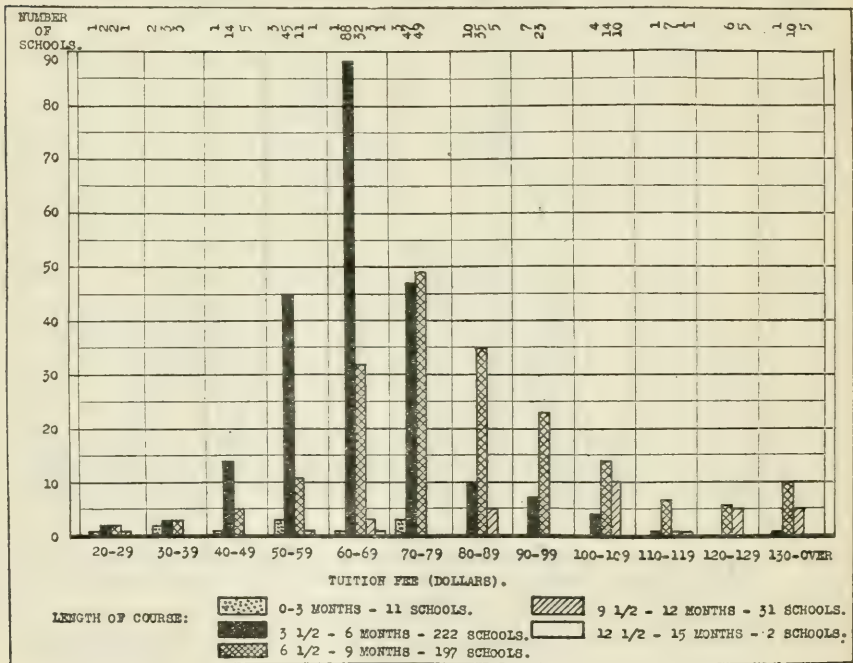


FIG. 15.—Tuition fee for the entire stenographic course in private commercial schools for the day course, 1917-18.

the group. In the 3½ to 6 months' group the most common rate is \$60 to \$69, 88 schools charging this fee. In all, 64 schools charge a lower and 70 schools a higher rate than this. In the 6½ to 9 months' group 49 schools charge a tuition fee of from \$70 to \$79. Altogether, in this group 53 schools charge a lower and 95 a higher rate than this. Greater variation from the central tendency is shown in this group than in group 2. In other words, the distribution is slightly skewed

in the direction of higher tuition rates. Any school falling in this group and charging \$110 or more for the course should be able to justify its action. The single-hatched bars representing group 4 in this graph show the same irregularity as the corresponding bars did in the next preceding graph. Likewise, groups 1 and 5 are small and consequently show no marked central tendency.

Altogether the tuition rates for the stenographic course in 463 schools are represented in this figure. Of this total, 222 schools, or 48 per cent, offer courses requiring from 3½ to 6 months for completion; and 197 schools, or 43 per cent, offer courses requiring from 6½ to 9 months for completion. In other words, 91 per cent of the schools represented in this graph fall in these two groups. This tendency to centralize around a 6 months' course further supports the statement made above that the "average" graduate from a private commercial school has had only six months of training.

TUITION RATES FOR THE ENTIRE COMBINED DAY COURSE.

As it takes about twice as long to complete the combined course as either the bookkeeping or the stenographic course, a higher scholarship fee is necessarily charged. In figure 16 it will be observed that

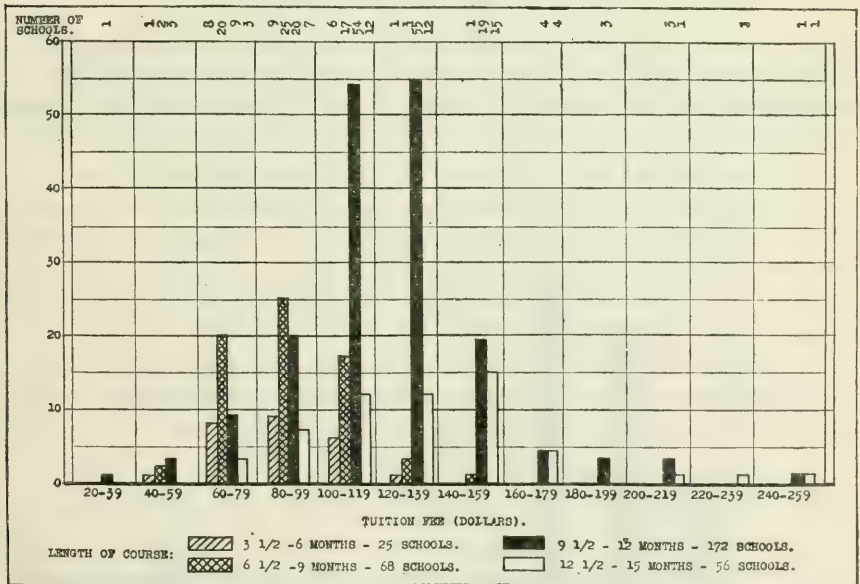


FIG. 16.—Tuition fee for the entire combined course in private commercial schools for the day course, 1917-18.

no schools undertake to give this course in three months or less, consequently, group 1 is not represented. There are relatively fewer schools in groups 2 and 3 than in the two graphs next preceding. The majority of the schools are found in group 4; that is they require

from 9½ to 12 months for the completion of the course. Altogether, 321 schools reported the scholarship fee charged for the combined course. Of this number, 172 schools, or 54 per cent, fall in group 4. The customary fee charged students in schools of this type for this course is from \$100 to \$139, inclusive. Only 30 schools charge a higher rate, while 33 charge a lower rate. In the schools in group 5, that is in schools offering a course requiring from 12½ to 15 months for completion, the largest group of schools charge from \$140 to \$149. Two other groups almost as large, consisting of 12 schools each, charge \$100 to \$119 and \$120 to \$139, respectively. It will be noticed that remarkable symmetry is evident for the single-hatched, double-hatched, and black bars. A tendency for a few schools to charge an unusually high fee is shown in the isolated bars at the right.

In addition to the schools listed in figure 16, 12 schools offer a combined course extending from 16 to 42 months and charge tuition fees varying from \$60 in one school to \$270 in another. Only 3 schools have a course longer than 18 months, and 5 offer an 18 months' course. The usual charge for the course ranges from \$110 to \$180.

TUITION FEE CHARGED FOR THE ENTIRE DAY COURSE IN WIRE TELEGRAPHY.

As will be noted in figure 17, only 25 schools reported the scholarship fee charged for the entire day course in wire telegraphy. No schools appear in groups 1, 4, or 5. In all, 19 schools offer a course requiring from 3½ to 6 months to complete it, and 6 schools give a

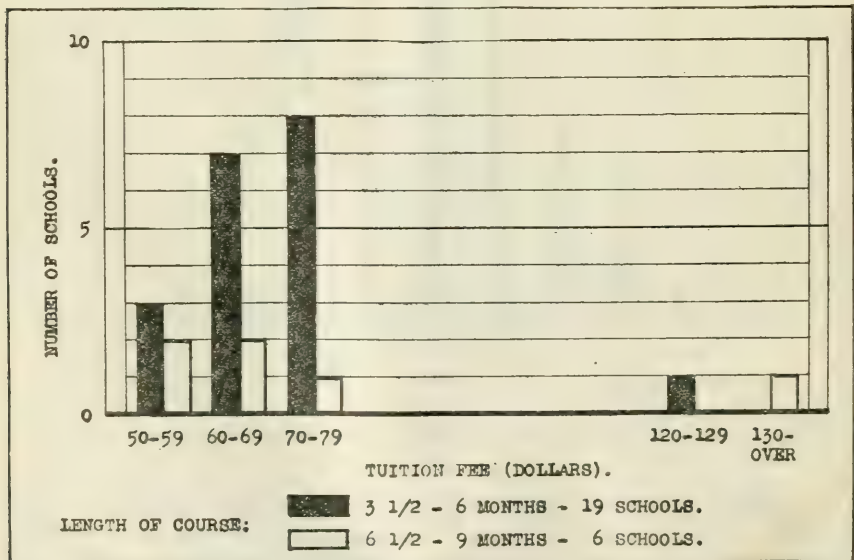


FIG. 17.—Tuition fee for the entire telegraphic (wire) course in private commercial schools for the day course, 1917-18.

6½ to 9 months' course. In the former group 3 schools charge from \$50 to \$59; 7 schools, \$60 to \$69; 8 schools, \$70 to \$79; and 1 school, \$120 to \$129. The most usual fee is from \$60 to \$79. The fee charged for the longer courses varies from \$50 to \$130 and over, no central tendency or customary fee being evident.

TUITION FEES CHARGED FOR OTHER COURSES.

By reference to detailed Tables 14, 15, 16, and 17, the tuition fees charged by individual schools for courses in wireless telegraphy, accountancy, secretarial course, and course in salesmanship, respectively, will be found. Since these groups are small, nothing would be gained by presenting the data graphically. In these tables the tuition fee charged is shown for both day and night courses by the month and for the entire day course. The number of months usually required for completing the entire day course is given in these respective tables. A casual inspection of these detailed tables shows that there is no customary charge for the entire day course and no usual time required for completing it. In fact, these courses have not become generally standardized, and time required for completing them may be either long or short and the tuition rate low, high, or even exorbitant. Frequently no data have been submitted.

SHORTHAND SYSTEMS TAUGHT.

On the schedule used in collecting data for this report the following question was asked, "What systems of shorthand do you teach?" On the blank the schools also reported the total number of students taking the stenographic course. From the replies to these two questions and from the published tabulation of the replies to the first question in 1916, Table 5 has been made and the following graphs have been constructed and conclusions drawn therefrom. Table 5 represents a mass of data which is very difficult to comprehend without the use of the graphic presentations following.

In 1918, 53 different systems of shorthand were reported. Fourteen systems which were reported in 1916 were not reported in 1918, and 11 new systems were reported in 1918. It may be added that this study of shorthand systems taught includes all schools reporting, both nondenominational and denominational.

As it is impossible to ascertain from the blank used in collecting the data just how many students are taking each system of shorthand in all schools reporting it is thought advisable to consider in the following pages the schools teaching one system only as well as those teaching one or more systems. From the one-system schools the number of students enrolled in each system can be ascertained, while this information is not available for the different systems in schools teaching more than one system. Figure 18 enables the reader to ascertain at a glance the relative number of schools included in each classification.

TABLE 5.—*Shorthand systems taught and students in stenographic courses in 840 private commercial and business schools in 1917-18.*

Systems taught.	Statistics of schools teaching only the one system mentioned in column 1.										Statistics of schools teaching only the system mentioned, or that system and one or more other systems.							
	Num-ber of schools.	Per-cent of total.	Num-ber in 1916.	Per-cent of total in 1916.	Num-ber reporting students in stenographic course.	Students in stenographic course.		Average enrollment in stenographic course.	Num-ber of schools.	Num-ber reporting students in stenographic courses.	Num-ber of schools reporting in 1916.	Per-cent of the schools reporting systems taught in 1916.	Num-ber reporting students in stenographic courses.	Stu-dents in stenographic courses with oppor-tunity to stenographic take system named.	Per-cent of total stu-dents in (149,124) stenographic courses.			
						Num-ber.	Per-cent total.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Aristos or Jaynes Shadeless.....	2	0.4	.....	.....	2	472	0.56	236	0	0	0	2	0.2	.....	.....	2	472	0.32
Barnes-Pitman*.....	8	1.4	11	2.3	8	892	1.06	112	6	6	1,687	14	1.7	15	2.1	14	2,579	1.73
Benedict.....	0	0	.....	.....	0	0	0.00	0	1	1	67	1	1.1	.....	.....	1	67	.04
Boyd Syllabic.....	8	1.4	7	1.5	6	991	1.18	165	1	1	65	9	1.1	8	1.1	1	1,056	.71
Burnz Phonetic*.....	1	.2	.....	.....	1	225	.27	225	2	2	0	1	1.1	.....	.....	1	225	1.15
Byrne Simplified.....	8	1.4	4	.9	8	1,410	1.70	176	2	2	83	10	1.2	5	.7	10	1,493	1.00
Byrne Stenotypewriting.....	0	0	0	0	0	0	0.00	0	1	1	179	1	1.1	.....	.....	1	179	1.12
Chandler.....	2	.4	1	.2	2	45	.05	23	0	0	0	2	.2	.....	.....	2	45	.03
Churchhill (Simplis).....	2	.4	1	.2	2	54	.05	27	0	0	0	2	.2	.....	.....	2	54	.03
Creager*.....	1	.2	1	.2	1	149	.18	149	0	0	0	1	1.1	.....	.....	1	149	.10
Dement's Aristography*.....	2	.4	1	.2	2	258	.31	129	0	0	0	2	.2	.....	.....	2	258	.17
Dement-Pitman*.....	4	.7	2	.4	3	544	.65	181	2	2	605	6	.7	5	.7	5	1,149	.77
Diagram Method (Improved Pitman)*.....	1	.2	1	.2	1	24	.03	24	0	0	0	1	1.1	.....	.....	1	24	.02
Davidson's Graphic.....	1	.2	1	.2	1	102	.12	102	0	0	0	1	1.1	.....	.....	1	102	.07
Day-Graham*.....	1	.2	1	.2	1	10	.01	10	0	0	0	1	1.1	2	.3	1	10	.01
Dougherty*.....	1	.2	.....	.....	1	249	.29	249	0	0	0	1	1.1	.....	.....	1	249	.17
Eclectic (Cross or Chartier)*.....	4	.7	7	1.5	4	80	.09	20	5	4	448	9	1.1	14	2.0	8	528	.35
Georgia-Alabama Business Short-hand.....	1	.2	.....	.....	1	230	.27	230	0	0	0	1	1	.....	.....	1	230	.15
Graham*.....	31	5.7	32	6.7	28	4,473	5.36	160	43	41	11,519	74	9.2	72	10.3	69	15,992	11.24
Graham-Pitman*.....	11	2.0	8	1.7	11	2,411	2.89	219	10	10	5,471	21	2.6	14	2.0	21	7,882	5.28

	291	53.2	202	42.1	273	44,856	53.80	164	229	217	61,227	520	64.4	384	54.8	490	106,083	71.14
Gregg.....	1	.2	1	.2	1	166	.20	166	0	0	0	1	.1	1	.1	1	166	.11
Havens*.....	1	.2	1	.2	1	166	.01	166	0	0	0	1	.1	1	.1	1	166	.01
Heyenga.....	1	.2	1	.2	1	87	.10	87	0	0	0	1	.1	1	.1	1	87	.06
Improved Pitmanic*.....	1	.2	1	.2	1	16	.00	16	0	0	0	1	.1	1	.1	0	16	.01
Kimball.....	0	.0	0	.0	0	16	.19	16	0	0	0	1	.1	1	.1	0	16	.06
I n d s l e y s T a k i g r a p h y.....	1	.2	1	.2	1	90	.10	90	0	0	0	1	.1	1	.1	1	90	.01
McEwan*.....	1	.2	1	.2	1	4	.....	4	0	0	0	1	.1	1	.1	1	4	.06
Modern Pitmanic*.....	2	.4	1	.2	2	382	.39	166	1	1	1,151	2	.2	2	.3	2	1,155	.72
Mosher.....	13	2.4	22	4.6	13	2,244	2.69	173	27	26	8,084	3	.4	1	.1	39	10,328	.45
National Shorthand Machine.....	0	.0	0	.0	0	0	.00	0	15	15	4,619	15	1.9	42	6.0	15	4,619	3.09
Osgoodby-Pitmanic*.....	2	.2	1	.2	1	65	.07	65	0	0	0	1	.1	1	.1	1	65	.04
Paragon.....	3	.5	0	.0	2	327	.39	164	1	1	57	4	.5	1	.1	3	384	.26
Perrin (Progressive).....	12	2.2	6	1.1	5	301	.35	60	1	1	441	8	1.0	8	1.1	3	742	.50
Pitman (text not stated).....	5	0.9	11	2.3	10	1,140	1.33	114	64	60	13,456	76	9.4	68	9.7	70	14,506	9.78
Pitman, Benn*.....	46	8.4	66	12.5	43	6,003	7.92	154	34	34	10,219	80	9.9	85	12.1	77	16,822	11.37
Pitman-Harrell*.....	1	.2	1	.2	1	202	.24	202	0	0	0	1	.1	1	.1	1	202	.14
Pitman-Howard*.....	17	1.2	12	2.5	6	712	.85	119	10	10	991	17	2.1	22	3.1	16	1,703	1.14
Pitman-Isaac*.....	45	8.2	39	8.1	39	10,941	13.10	281	40	39	7,744	85	10.5	65	9.3	78	18,685	12.53
Pitman-Schoch*.....	0	.0	0	.0	0	0	.00	0	1	1	1,107	1	.1	1	.1	1	1,107	.74
Porter's Stem-vowel*.....	0	.0	0	.0	0	0	.00	0	0	0	0	0	.0	0	.0	0	0	.00
Rowe (Mc Kee's New Rapid)*.....	1	.2	1	.2	4	276	.32	69	4	4	601	8	1.3	11	1.6	8	877	.60
Scientific*.....	4	.7	4	.8	4	276	.32	69	4	4	601	8	1.3	11	1.6	8	877	.60
Simplified Pitman*.....	1	.2	1	.2	1	99	.11	99	1	1	20	2	.2	1	.1	1	132	.08
Sloan-Duployan.....	2	.4	1	.2	1	132	.15	132	0	0	0	1	.1	1	.1	1	132	.09
Speedwa (Chartier).....	0	.0	0	.0	0	0	.00	0	0	1	698	9	1.1	2	.3	8	698	.47
Spencerian.....	2	.4	0	.0	2	120	.14	60	17	6	1,466	9	1.1	2	.3	8	1,586	1.06
Spencerian-Chartier.....	9	1.6	12	2.5	9	585	.64	59	14	13	1,750	23	2.8	22	3.1	22	2,283	1.53
Stein (Improved Pitman)*.....	3	.5	4	.8	3	383	.45	128	0	0	0	3	.4	4	.6	3	383	.26
Stenotype.....	1	.2	1	.2	1	33	.00	33	0	0	0	1	.1	1	.1	1	33	.02
Success*.....	4	.7	8	1.7	4	1,113	1.33	278	6	53	13,094	54	6.7	72	10.3	53	13,094	8.78
Underhill*.....	0	.0	0	.0	0	0	.00	0	0	6	2,678	10	1.2	11	1.6	10	3,791	2.58
Universal*.....	0	.0	0	.0	0	0	.00	0	1	1	100	1	.1	1	.1	1	100	.07
Other systems, 1916 only.....	0	.0	11	2.3	0	0	.00	0	1	1	94	1	.1	1	.1	1	94	.06
Totals and averages.....	547	100.0	480	100.0	509	83,412	100.00	164	2,587	2,562	2150,061	3,134	.....	4,975	.....	1,071	233,473	.....

*Considered as Pitman systems in the following discussion and graphs.
 114 shorthand systems reported in 1916 were not reported as being taught in 1918. This table includes 12 shorthand systems not reported in 1916. Several duplicates listed in 1916 have been avoided in this table.
 2 Only 262 schools reported two or more systems of shorthand, hence the 587 includes 325 duplicates. Of the 262 schools, 250 reported a total enrollment of 65,712 students in the stenographic courses. The totals (562 and 150,061) above include, therefore, duplicates of 312 and 84,349, respectively.
 3 See footnote (2) for explanation of the duplication involved in these grand totals. In addition to the 1,134 schools, 31 other schools reported shorthand classes but did not name the systems taught. Of these 31 schools, 30 reported 5,615 students enrolled in stenographic courses not included in the grand total of 233,473. Only 50 schools did not report a stenographic course or shorthand system taught.
 4 This total includes 274 duplicates.

NUMBER OF SHORTHAND SYSTEMS TAUGHT IN EACH SCHOOL.

By reference to this figure it will be noted that 50 schools reporting did not teach shorthand in 1918; 547 taught only one system; 202, two systems; 38, three systems; 11, four systems; 2, five systems; 1, six systems; 8 replies were indeterminate; and 31 schools did not report the names of the systems taught, although they offered shorthand courses. Eliminating from consideration all schools not reporting the exact number of systems taught or not offering stenographic courses, it is found that 68 per cent of the 801 schools reporting such information offered only one system of shorthand. In

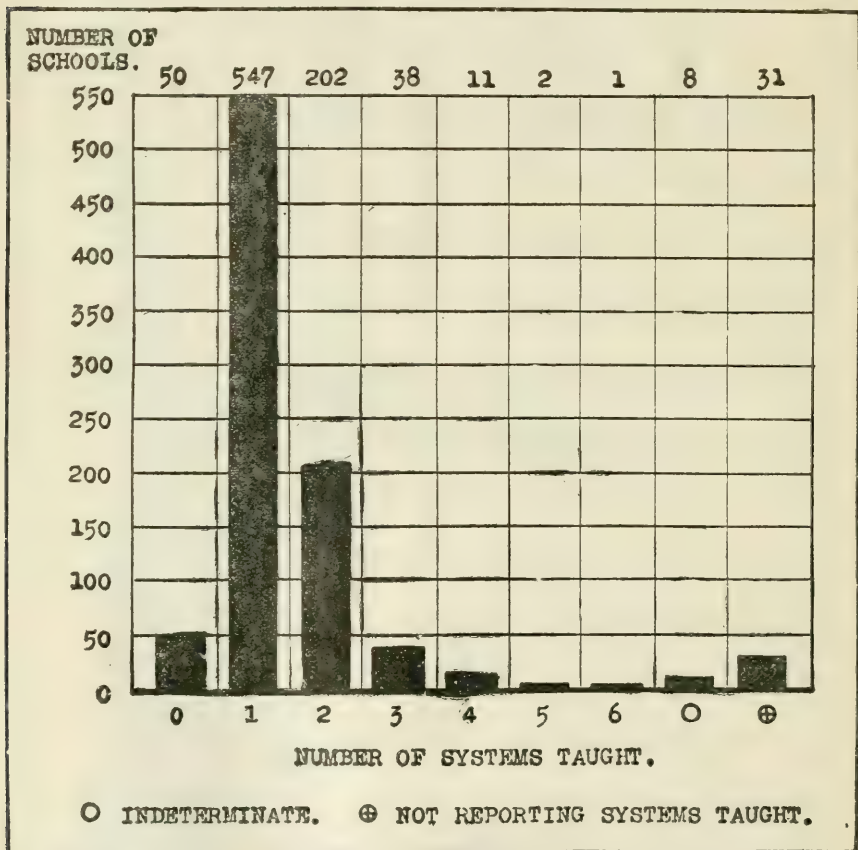


FIG. 18.—Number of systems of shorthand taught in 890 private commercial schools, 1917-18.

1916, out of a total of 701 schools reporting corresponding data, 480 schools, or 68 per cent, taught only one system. Apparently, therefore, there has been no change since 1916 in the relative number of schools teaching only one system of shorthand. Eliminating the 50 schools not teaching shorthand, the 8 schools whose replies were indefinite, and the 31 schools not reporting the systems taught, it is

found that 93 per cent, or practically all commercial schools in 1918, teach only one or two systems of shorthand.

WHAT SYSTEMS THE LARGEST SCHOOLS TEACH.

It is of special interest to know what systems of shorthand the largest schools teach. To answer this question figure 19 has been prepared. It was found that 76 schools enrolled 500 students or more in the stenographic course and these schools were arbitrarily chosen for the construction of this figure. Of the 76 schools, 44 taught only one system, and 32, two or more systems of shorthand. It should be remembered, however, that the number (500) is about twice as large as the number actually present at any one time in the schools chosen for this graph, since the student body in the stenographic course usually changes twice during the year. Consequently,

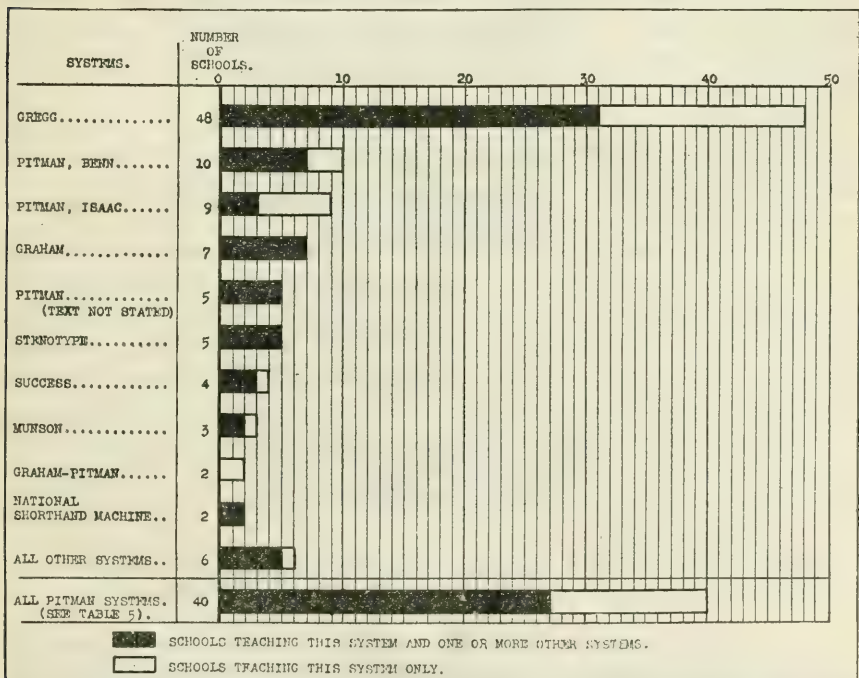


FIG. 19.—The systems of shorthand taught by the 76 private commercial schools enrolling 500 students or more in the stenographic course, 1917-18.

all private commercial schools enrolling approximately 250 students or more at any one time in the stenographic course have been included. The black section of the bars contain many duplicates, since a school may teach the Gregg, one or more of the Pitman systems, and possibly a machine system. This statement applies only to the schools represented by the black section of the bars, which

indicates schools teaching this system and one or more other systems. Thus, the 31 schools teaching the Gregg, shown by the black bar, are duplicated in the other systems specifically indicated and many of them also in the bar, "All Pitman Systems." The bar, both black and white, representing "All Pitman Systems," is wholly duplicated in the Pitman systems definitely named above it or in the "catch-all" phrase, "All other systems." The white section of the bars represents schools teaching only one system of shorthand and contains no duplication except in the second bar from the top as just explained.

The Gregg is taught in the largest number of large schools; viz., 48 schools. If all duplicates are eliminated from the systems considered as Pitmanic, as indicated in Table 5, it is found that 40 different schools teach a Pitman system or a system based on Pitman. Among the Pitman systems the Benn Pitman and the Isaac Pitman lead with 10 and 9 schools respectively.

In all, 17 schools teach the Gregg exclusively and 13 others a Pitman system.

It is found that the machine shorthand systems are also represented here, 5 schools teaching the stenotype and 2 schools the National shorthand machine. The machine method is not used exclusively in any school reporting.

All systems which are taught in 2 or more of these large schools have been named specifically in the graph. Six schools grouped together in the last bar teach one system each, viz, the Barnes-Pitman, Dement-Pitmanic, Pitman-Schoch, the Modern Pitmanic, and Sloan-Duployan, each of which is taught in connection with some other system, and the Byrne Simplified which is taught exclusively in one large school. The first four systems just named and considered herein as Pitman have been included also in the second bar, "All Pitman Systems."

AVERAGE ENROLLMENT IN THE STENOGRAPHIC COURSE IN SCHOOLS TEACHING ONE SYSTEM OF SHORTHAND.

It is not sufficient to show the number of large schools teaching each system, since only the exceptional schools are considered. To show the average size of classes in shorthand for the 12 leading systems, figure 20 has been prepared. It should be remembered, however, that these averages are almost twice as large as the average enrollment in shorthand courses at any one time, since the student body changes approximately twice during the year.

In Table 5, column 9, the average enrollment in stenographic courses offered in one-system schools is shown. These averages are obtained by dividing the total enrollment in such courses by the corresponding number of schools teaching each system. It is almost

impossible and not very desirable to show graphically the average enrollment in stenographic courses for all the different systems of shorthand taught. Consequently, the 12 systems most generally taught by all private commercial and business schools have been selected for study. These 12 systems are the only ones taught in 1 or more than 1 per cent of the schools teaching one system only as shown in Table 5, column 2. It is found, as will be observed in figure 20, that the Isaac Pitman system ranks highest in this score, with an average enrollment of 281 students in shorthand courses in one-system schools.

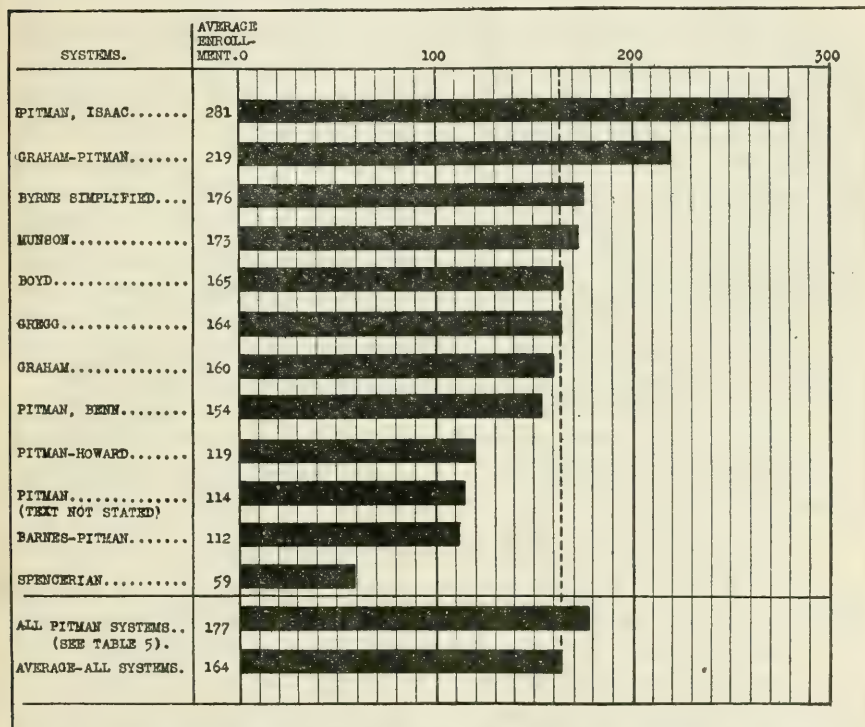


FIG. 20.—Average enrollment in the stenographic course in private commercial schools teaching only one system of shorthand—for the 12 systems most frequently given, 1917-18.

The Graham-Pitman shows an average of 219; the Munson, an average of 173; and the Gregg, an average of 164. The average for all Pitman systems is 177, and for all systems is 164, the same as that for the Gregg. Undoubtedly, the average is determined very largely by the Gregg, as 53.8 per cent of all students in stenographic courses in one-system schools are taking the Gregg system of shorthand.

From column 1, Table 5, it is found that the averages used in this graph have been secured by using the total number of one-system schools reporting. In the case of the Pitman-Howard, only 7 schools reported one system of shorthand. It is possible that the average

used for this system is not representative. Similarly, the averages for the Barnes-Pitman, the Boyd, the Byrne Simplified, and the Spencerian may not be accurate, since only 8, 8, 8, and 9 schools, respectively, reported these systems only. In securing all other averages at least 11 schools were used. In each case, however, the total number of schools reporting enrollment in one system only was used, and, consequently, it is doubtful if more representative averages could be secured.

AVERAGE ENROLLMENT FOR THE YEAR IN STENOGRAPHIC COURSES.

It has been remarked above that the average enrollment for the year in stenographic courses in one-system schools is 164. It is of interest to compare this average with that of two-or-more-system schools. If the total enrollment in the stenographic courses in such schools, 66,712, is divided by the number of such schools (262) a quotient of 255 is obtained. It is seen, therefore, that the average enrollment in the stenographic course in two-or-more-system schools is 55 per cent higher than the corresponding enrollment in one-system schools. The average for all schools teaching shorthand is 184 students (149,124 students divided by 809 schools). In general, it is shown in the following pages that any conclusion drawn from the data on either type of school applies also to the other.

PERCENTAGE OF STUDENTS TAKING AND OF ONE-SYSTEM SCHOOLS TEACHING THE 12 SYSTEMS OF SHORTHAND MOST GENERALLY TAUGHT IN 1918.

The black bars in figure 21 show the percentage of schools teaching each of the 12 leading systems of shorthand in schools offering only one system in 1918. Altogether, 547 schools teach only one system of shorthand. It is found in Table 5, column 2, that 53.2 per cent of these schools teach the Gregg system; 37.7 per cent, some Pitman system; 8.4 per cent the Benn Pitman; 8.2 per cent, the Isaac Pitman; and so on as shown in the graph. In all, 83,412 students in stenographic courses were reported by these 547 schools teaching only one system of shorthand. Of this number 53.8 per cent were taking the Gregg; 39.72 per cent, some Pitman system; 13.10 per cent, the Isaac Pitman; 7.92 per cent, the Benn Pitman, etc. It will be observed that the 12 systems are ranked in the order of magnitude of the black bars representing the number of schools. It is preferable to have the percentage of schools rather than the percentage of students determine the order of precedence since in figure 23, where only the number of schools is used, the same order will be maintained and the same systems represented. It is remarkable that the black and the open bars show so much similarity in their relative lengths.

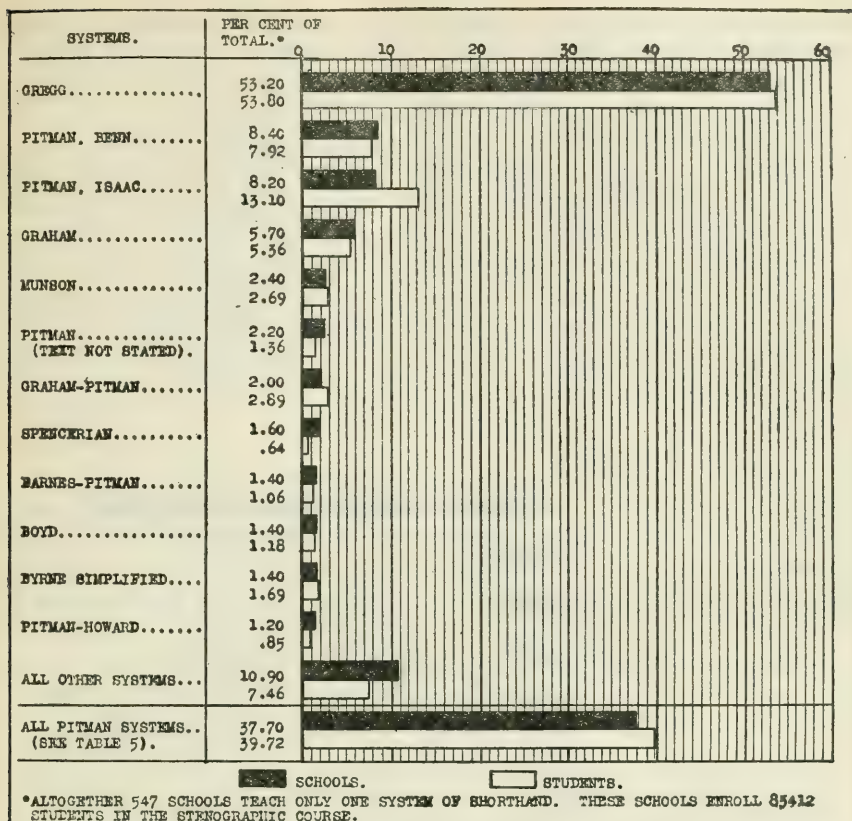


FIG. 21.—Percentage of private commercial schools teaching and of students taking the systems of shorthand most generally taught in schools offering only one system, 1917-18.

TABLE 6.—Comparison of the 10 systems of shorthand most widely taught in private, commercial and business schools in 1917-18.¹

Systems of shorthand.	All schools teaching this system.			Schools teaching this system only.		
	Percentage of all schools reporting systems taught.		Per cent of increase (+) or decrease (-).	Percentage of all schools teaching one system only.		Per cent of increase (+) or decrease (-).
	In 1916.	In 1918.		In 1916.	In 1918.	
1	2	3	4	5	6	7
Graham.....	10.3	9.2	-10.7	6.7	5.7	-14.9
Graham-Pitman.....	2.0	2.6	+30.0	1.7	2.0	+17.6
Gregg.....	54.8	64.4	+17.5	42.1	53.2	+26.4
Munson.....	6.0	5.0	-16.7	4.6	2.4	-47.9
Pitman (text not stated).....	8.7	8.5	-2.3	2.3	2.2	-4.4
Pitman, Benn.....	12.1	9.9	-19.0	12.5	8.4	-32.8
Pitman-Howard.....	3.1	2.1	-32.2	2.5	1.2	-52.0
Pitman, Isaac.....	9.3	10.5	+12.9	8.1	8.2	+1.2
Spencerian.....	3.1	2.8	-9.7	2.5	1.6	-36.0
Stenotype.....	10.3	6.7	-34.9	.0	.0	.....
All Pitman systems.....				47.3	37.7	-20.3

¹ Each system is taught in at least 17 schools, or in 2 per cent of all schools reporting the systems taught.

INCREASE OR DECREASE SINCE 1916 IN THE PERCENTAGE OF ONE-SYSTEM SCHOOLS TEACHING THE 12 SYSTEMS MOST GENERALLY TAUGHT IN 1918.

In 1916 no statistics were published showing the number of students taking each system of shorthand offered in one-system schools. It is more desirable to show whether each system has gained or lost students since 1916 than to show whether there has been an increase or decrease in the percentage of schools offering each of the 12 leading systems. The former condition can not be shown, as comparative data are not available. In the preceding paragraph, however, it was pointed out that a great similarity exists between the percentage of schools offering and of students taking each system.

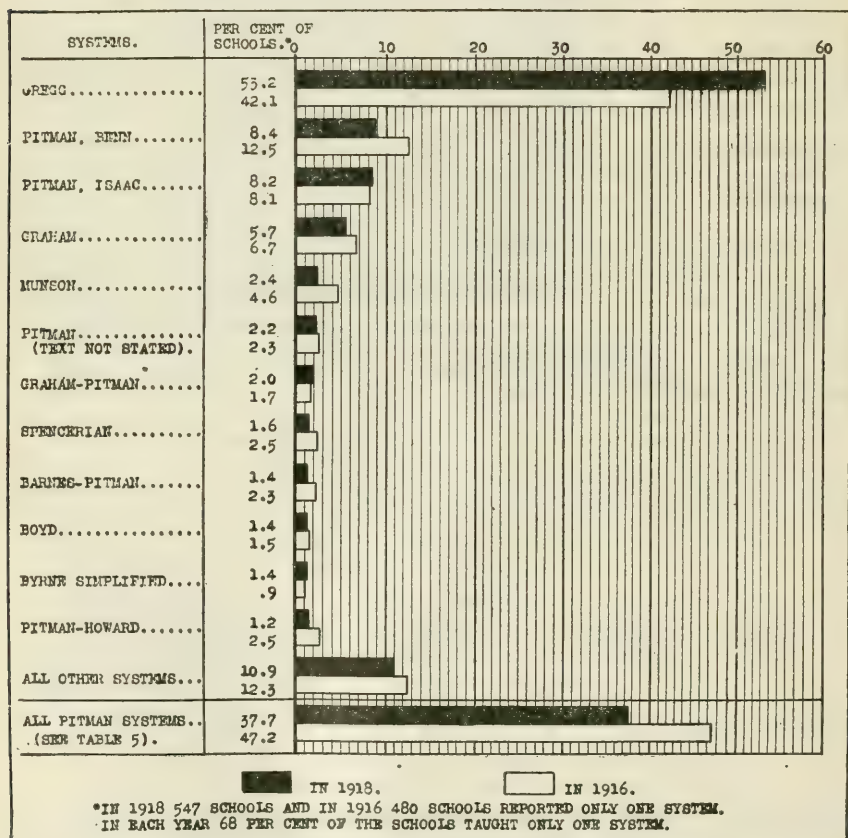


FIG. 22.—Percentage of private commercial schools (teaching only one system) which teach the systems of shorthand most generally offered, 1917-18.

As comparative data in the number of schools offering only one system of shorthand for the consecutive biennial reports, 1916 and 1918, are available, this information has been used in the construc-

tion of figures 22, 23, and 24. In figure 22 it will be observed that the Gregg system in 1918 (black bars) was taught in 53.2 per cent of the 547 schools teaching only one system and in 1916 (open bars) in 42.1 per cent of the 480 one-system schools reporting at that time. The Gregg has gained the difference between 53.2 per cent and 42.1 per cent, or 11.1 per cent, in the number of one-system schools. This means an increase of 11.1 per cent on 42.1 per cent, or a gain of 26.4 per cent. This increase is shown by the open bar in figure 24. During this interval a decrease of 20.3 per cent is shown for all Pitman systems. It will be observed in figure 22 that the black bar is longer than the white one in only four instances, viz, Byrne Simplified, Graham-Pitman, Gregg, and Isaac Pitman. The other 8 systems show a decrease in the percentage of schools teaching each exclusively.

It will be observed that the percentage of schools rather than the total number of schools teaching each system exclusively has been used and the percentage of increase or decrease computed therefrom. A different but erroneous result would be obtained by computing the percentage of increase or decrease from the total number of schools reporting, since, in 1916, only 77 per cent of the schools (701 schools out of a total of 912 reporting) indicated the systems of shorthand taught, whereas in 1918, 90 per cent (801 out of 890 reporting) indicated the systems taught. In other words, this year replies were received from 100 more schools than reported the systems of shorthand taught two years ago. It should be noted also that 22 more schools reported in 1916 than did in 1918. Undoubtedly, these 100 schools taught shorthand in 1916 but did not name the systems taught, since the question, "What system of shorthand do you teach?" was asked for the first time two years ago. Presumably, 68 of these 100 schools, in 1916, taught one system only and 32, two or more systems, if the ratio between one-system and more-than-one-system schools holds as indicated in figure 18. It would be erroneous, therefore, to count such schools, not reporting in 1916 but reporting in 1918, as increases in the number of schools teaching the respective systems of shorthand, either for one-system schools or for more-than-one-system schools. The reliability of this percentage method of computing rates of change is based on the assumption that the same relative percentage of schools taught each system in 1916 as in 1918.

INCREASE OR DECREASE SINCE 1916 IN THE TOTAL NUMBER OF SCHOOLS TEACHING EACH OF THE 10 SYSTEMS OF SHORTHAND MOST GENERALLY TAUGHT IN 1918.

In considering the total number of schools teaching each system of shorthand the 10 leading systems, as indicated in Table 5, column 13, have been chosen for comparison. It will be observed that each of

these 10 systems is taught in 17 schools or more, or in at least 2 per cent of all schools reporting shorthand courses. The Barnes-Pitman, Boyd, and Byrne Simplified systems do not appear, therefore, in figures 23, 24, and 25, while the Stenotype, which does not appear in the discussion of one-system schools, has been added. If the three systems dropped from consideration had been included it would have been necessary to add the Eclectic, which is taught in 9 schools.

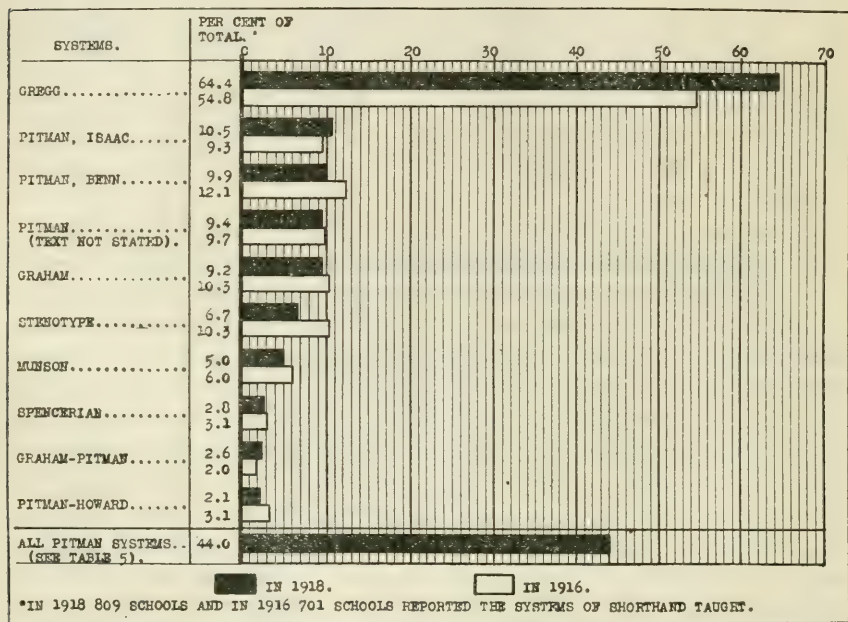


FIG. 23.—Percentage of all private commercial schools which teach the systems most generally given, 1917-18.

In 1918, altogether 809 schools reported the system or systems of shorthand taught. As shown in figure 23, 64.4 per cent of these schools offered the Gregg; 10.5 per cent, the Isaac Pitman, etc. In 1918, 381 different schools, or 44 per cent of the total number reporting, offered a Pitmanic system, but in 1916 this information was not tabulated, so that the percentage of increase or decrease for all Pitman systems since 1916 in all schools can not be ascertained from the data at hand. In 1916, 701 schools named the system or systems taught. Figure 23 shows that 54.8 per cent offered the Gregg; 9.3 per cent the Isaac Pitman, etc. The same condition prevails as was pointed out in the preceding graph, viz, that the Gregg, Graham-Pitman, and the Isaac Pitman in 1918 show an increase over 1916 in the percentage of all schools teaching these systems. The other 7 systems show a decrease. The method used in computing the change in percentage is the same as that used for schools teaching only one system of shorthand. For example, the Munson was

taught in 1916 in 6 per cent of the schools and in 1918 in only 5 per cent of the schools. The decrease is, therefore, 1 per cent on a base of 6 per cent, or 16.7 per cent as shown in figure 24.

CHANGE SINCE 1916 IN THE PERCENTAGE OF PRIVATE COMMERCIAL SCHOOLS TEACHING EACH OF THE TEN SYSTEMS OF SHORTHAND MOST GENERALLY TAUGHT IN 1918.

As explained above, figure 24 shows whether a system of shorthand has "gained" or "lost" schools within the past two years. The Graham-Pitman system has gained the largest percentage of schools, showing an increase of 30 per cent in the relative percentage of schools teaching this system. This does not mean that this system is being learned by 30 per cent more students than studied it in 1916. It shows only the increase in the percentage of schools teaching this system. The Gregg system shows the greatest gain in the number of schools teaching one system exclusively, while the Graham-Pitman ranks second. The Stenotype shows the greatest loss in the total number of schools teaching this system, and the Pitman-Howard the greatest loss in one-system schools. It must be remembered that the other systems not chosen for study, and, therefore, not included in the graphs, also show increases or decreases. In fact, the systems not taught in 1916 but reporting only a few schools in 1918 would show infinite gains. Likewise discontinued systems show loss of 100 per cent. The percentages of increase or decrease similar to those shown in figure 24 can be readily ascertained for other systems of shorthand from Table 5, columns 3, 5, 14, and 16. The exact method used in computing the length of the bars used in figure 24 is given in Table 6. It should be added that since 1916 the Barnes-Pitman and the Boyd Syllabic have decreased 39 per cent and 7 per cent, respectively, while the Byrne Simplified has increased 56 per cent in the percentage of schools teaching each system. As the number of schools reporting each system is small, these percentages may not be authentic and consequently have not been inserted in figure 24.

OPPORTUNITY OF STUDENTS TO ELECT THE TEN LEADING SYSTEMS OF SHORTHAND.

It is unfortunate that the total number of students taking each system of shorthand offered in all private commercial schools is not known. Fairly accurate deductions have been drawn already from schools teaching only one system. It is of interest to note the opportunity which students have to elect the different systems taught. In other words, how many students are "exposed" to each system? The richness of a curriculum is determined by the opportunity afforded students to choose among a variety of subjects.

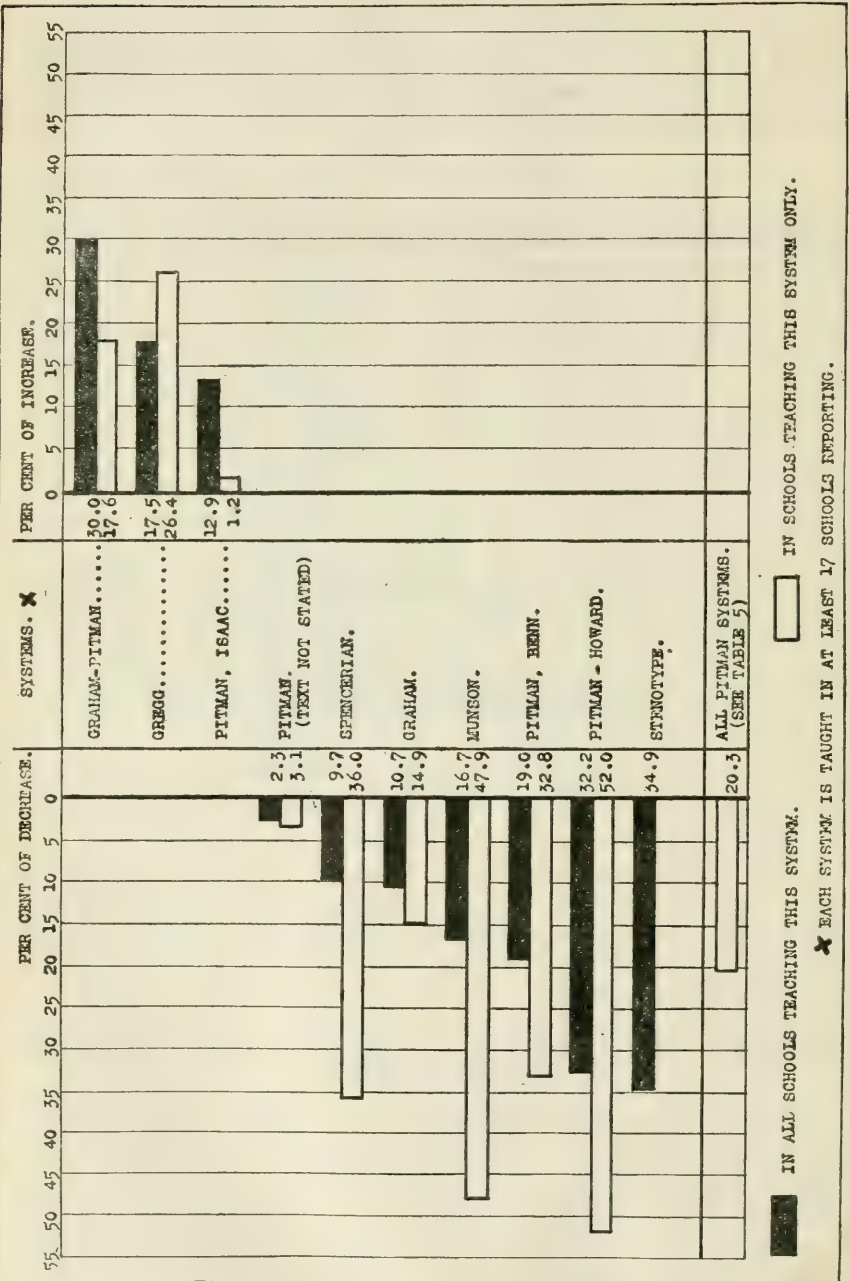


Fig. 24.—Percentage of increase or decrease, since 1916, in the number of private commercial schools teaching the 10 systems of shorthand most generally given, 1917-18.

It is found in Table 5 that the total number of students enrolled in stenographic courses in schools reporting the names of the systems taught was 149,124. Of this number, 106,083 students were enrolled in schools teaching the Gregg only or the Gregg and one or more other systems. This means that 71.14 per cent of all students enrolled in the stenographic courses were "exposed" to the Gregg. This percentage is somewhat higher than that representing

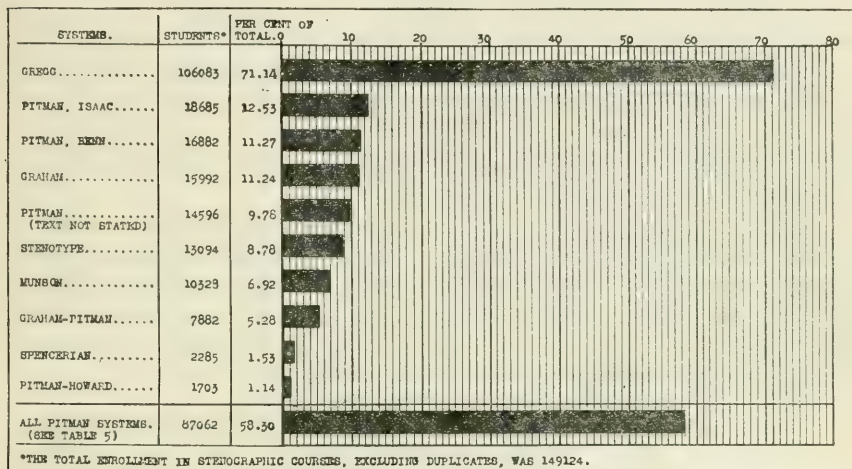


FIG. 25.—Percentage of students enrolled in the stenographic course, having opportunity to take one or more of the 10 systems of shorthand most generally taught in private commercial schools, 1917-18.

the actual percentage of students taking the Gregg in one-system schools; viz, 53.8 per cent. This apparent discrepancy is explained by the fact that the two percentages represent different things—the former "opportunity" to take, the latter, the percentage actually taking. Altogether 87,062 students, or 58.3 per cent of the total number in stenographic courses, were enrolled in schools offering a Pitman system. This percentage also is higher than the 39.72 per cent given for Pitman systems in figure 21, for the reasons just cited. The same variance is shown for other systems as well. The fact that a student may have chosen a school because a certain system of shorthand is taught has not been considered since schools are more generally selected because a certain course of superior quality is offered, because the tuition rates are reasonable, or because a position is guaranteed upon graduation. In figure 25 the relative rank of the 10 leading systems is shown. By comparing the ranking in this graph with that shown in figure 21, it will be observed that the four leading systems—the Gregg, Isaac Pitman, Benn Pitman, and Graham—maintain their relative positions on both scores in the order just named. In general, the same relative ranks are maintained in both figures. It should be noted that the total number of students

"exposed" in the second column of figure 25 exceeds the total enrollment in stenographic courses. Likewise the corresponding percentages exceed 100. This apparent discrepancy is explained by the fact that a large number of students have an opportunity to take more than one system.

COURSES NOT CONSIDERED.

It should be remarked that the foregoing study of shorthand systems does not include the total number of students pursuing the subject of shorthand in private commercial and business schools. The students in the combined and secretarial courses offered by many schools are not included in this study. However, the conclusions reached above undoubtedly will hold for the total number of students in private commercial schools taking shorthand in all courses in which it is a requisite.

It should be remembered also that no attempt has been made to determine whether one system of shorthand is better than another, nor to ascertain the usual time required to complete each. These two factors, however, may function in producing the situation just presented, but no data are available to warrant conclusive deductions relative thereto.

TABLE 7.—*Instructors, students, and attendance in all private commercial and business schools reporting in 1917-18.*

States.	Schools reporting.	Instructors.			Students enrolled.			Average daily attendance.	Enrollment in schools reporting average daily attendance.	Schools not reporting.
		Men.	Women.	Total.	Men.	Women.	Total.			
1	2	3	4	5	6	7	8	9	10	11
United States...	890	2,310	2,930	5,240	96,449	193,130	289,579	122,688	261,836	439
Alabama.....	11	15	27	42	937	2,635	3,572	932	3,189	7
Arizona.....	1	2	4	6	91	319	410	126	410	2
Arkansas.....	7	16	18	34	504	1,310	1,814	854	1,814	2
California.....	32	102	134	236	5,848	12,675	18,523	10,149	18,344	23
Colorado.....	14	35	62	97	1,520	3,191	4,711	1,924	4,711	2
Connecticut.....	26	55	83	138	1,333	3,667	5,000	2,825	4,758	7
Delaware.....	3	22	15	37	1,073	1,025	2,098	897	2,098	1
Dist. Columbia.....	6	47	46	93	2,349	3,764	6,113	1,167	4,168	8
Florida.....	8	10	23	33	565	1,479	2,044	776	1,894	1
Georgia.....	12	35	25	60	1,159	2,030	3,189	1,513	3,189	10
Idaho.....	4	4	6	10	89	325	414	200	297	2
Illinois.....	62	159	223	382	7,241	15,034	22,275	7,486	16,372	29
Indiana.....	36	58	77	135	2,627	6,360	8,987	3,980	8,835	11
Iowa.....	21	39	78	117	1,993	5,012	7,005	2,065	5,411	11
Kansas.....	21	60	72	132	2,315	4,821	7,136	2,833	7,075	6
Kentucky.....	12	51	35	86	1,539	2,563	4,102	1,565	4,107	10
Louisiana.....	7	21	26	47	1,383	1,757	3,140	1,923	2,994	9
Maine.....	11	19	29	48	450	1,118	1,568	604	897	3
Maryland.....	10	57	17	74	1,421	1,281	2,702	718	2,256	10
Massachusetts.....	36	125	139	264	4,177	6,394	10,571	5,359	9,956	29
Michigan.....	33	77	95	172	3,209	6,073	9,282	3,794	8,731	13
Minnesota.....	33	88	95	183	3,110	5,342	8,452	3,651	8,062	10
Mississippi.....	2	5	4	9	120	365	485	25	60	3
Missouri.....	32	73	105	178	4,338	6,660	10,998	4,737	10,785	21
Montana.....	6	10	12	22	340	1,280	1,620	398	1,620	2
Nebraska.....	13	27	48	75	1,178	3,519	4,697	1,797	4,091	2
Nevada.....	1	2	.....	2	25	150	175	69	175	.....
New Hampshire.....	4	7	17	24	347	593	940	412	864	2
New Jersey.....	25	74	95	169	3,674	6,594	10,268	3,815	8,250	15
New Mexico.....	2	1	5	6	91	266	357	98	357	1

TABLE 7.—*Instructors, students, and attendance in all private commercial and business schools reporting in 1917-18—Continued.*

States	Schools reporting.	Instructors.			Students enrolled.			Average daily attendance.	Enrollment in schools reporting average daily attendance.	Schools not reporting.
		Men.	Women.	Total.	Men.	Women.	Total.			
1	2	3	4	5	6	7	8	9	10	11
New York.....	95	311	423	734	13,778	26,215	39,993	17,042	36,886	5
North Carolina.....	9	17	17	34	530	1,191	1,721	654	1,299	51
North Dakota.....	5	9	6	15	415	502	917	428	1,917	1
Ohio.....	62	144	163	307	5,185	12,299	17,484	8,127	15,787	29
Oklahoma.....	10	16	26	42	1,698	2,908	4,606	905	2,558	4
Oregon.....	7	18	21	39	1,234	1,902	3,136	1,168	3,166	1
Pennsylvania.....	82	220	272	492	7,406	15,899	23,305	12,484	21,131	32
Rhode Island.....	8	43	52	95	1,120	2,167	3,287	1,530	2,906	3
South Carolina.....	4	4	8	12	125	433	558	225	558	4
South Dakota.....	5	6	14	20	240	620	860	440	860	2
Tennessee.....	9	24	29	53	835	2,271	3,106	1,091	2,304	8
Texas.....	32	81	93	174	4,291	6,676	10,967	4,672	10,524	15
Utah.....	4	12	15	27	569	1,422	1,991	656	1,991	2
Vermont.....	3	3	8	11	168	389	557	236	557	1
Virginia.....	11	22	36	58	738	1,885	2,623	1,208	2,623	4
Washington.....	19	33	56	89	1,765	4,946	6,711	2,002	6,209	7
West Virginia.....	7	10	18	28	528	1,614	2,142	1,102	2,142	4
Wisconsin.....	25	40	55	95	1,186	3,209	4,395	1,886	3,450	14
Wyoming.....	2	1	3	4	80	190	270	140	270	.....

TABLE 8.—*Instructors, students, and attendance in private non denominational commercial and business schools reporting in 1917-18.*

States.	Schools reporting.	Instructors.			Students enrolled.			Average daily attendance.	Enrollment in schools reporting average daily attendance.	Schools not reporting.
		Men.	Women.	Total.	Men.	Women.	Total.			
1	2	3	4	5	6	7	8	9	10	11
United States.....	780	1,819	2,802	4,621	81,744	188,779	270,523	115,696	247,369	422
Alabama.....	9	12	27	39	852	2,635	3,487	863	3,104	5
Arizona.....	1	2	4	6	91	319	410	126	410	2
Arkansas.....	7	16	18	34	504	1,310	1,814	854	1,814	2
California.....	30	89	134	223	5,099	12,675	17,774	9,994	17,595	22
Colorado.....	13	30	62	92	1,430	3,191	4,621	1,900	4,621	1
Connecticut.....	24	47	83	130	1,107	3,637	4,744	2,735	4,502	7
Delaware.....	2	15	15	30	1,020	1,025	2,045	875	2,015	1
Dist. Columbia.....	4	32	46	78	1,589	3,746	5,335	1,167	4,168	8
Florida.....	8	10	23	33	565	1,479	2,044	776	1,894	1
Georgia.....	11	30	25	55	999	2,030	3,029	1,373	3,029	10
Idaho.....	4	4	6	10	89	325	414	200	297	2
Illinois.....	52	124	202	326	5,955	14,804	20,759	7,082	15,475	29
Indiana.....	32	56	73	129	2,395	6,326	8,721	3,792	8,569	11
Iowa.....	21	39	78	117	1,993	5,012	7,005	2,065	5,411	11
Kansas.....	21	60	72	132	2,315	4,821	7,136	2,833	7,075	6
Kentucky.....	7	12	25	37	719	2,016	2,735	1,223	2,740	10
Louisiana.....	7	21	26	47	1,383	1,757	3,140	1,923	2,994	3
Maine.....	11	19	29	48	450	1,118	1,568	601	897	9
Maryland.....	6	10	14	24	378	1,069	1,447	432	1,001	9
Massachusetts.....	25	65	127	192	2,916	6,000	8,916	4,430	8,795	28
Michigan.....	29	53	92	145	2,313	6,028	8,341	3,596	8,499	13
Minnesota.....	30	78	95	173	2,763	5,312	8,105	3,515	7,715	10
Mississippi.....	2	5	4	9	120	365	485	25	60	3
Missouri.....	28	72	101	173	4,123	6,441	10,564	4,717	10,564	21
Montana.....	6	10	12	22	340	1,280	1,620	398	1,620	2
Nebraska.....	12	24	48	72	1,078	3,519	4,597	1,755	3,991	2
Nevada.....	1	2	.....	2	25	150	175	69	175	.....
New Hampshire.....	4	7	17	24	347	593	940	412	864	2
New Jersey.....	20	59	90	149	3,169	6,361	9,530	3,628	7,970	14
New Mexico.....	2	1	5	6	91	266	357	98	357	1
New York.....	85	198	404	602	10,675	25,411	36,086	15,250	33,459	48
North Carolina.....	8	15	17	32	514	1,191	1,705	646	1,283	5
North Dakota.....	.....	9	6	15	415	502	917	428	917	1

TABLE 8.—*Instructors, students, and attendance in private non-denominational commercial and business schools reporting in 1917-18—Continued.*

States.	Schools reporting.	Instructors.			Students enrolled.			Average daily attendance.	Enrollment in schools reporting average daily attendance.	Schools not reporting.
		Men.	Women.	Total.	Men.	Women.	Total.			
1	2	3	4	5	6	7	8	9	10	11
Ohio.....	46	101	142	243	4,271	11,922	16,193	7,292	14,730	24
Oklahoma.....	10	16	26	42	1,210	1,698	2,908	905	2,558	4
Oregon.....	5	10	20	30	579	1,902	2,481	997	2,511	1
Pennsylvania.....	72	212	258	470	7,229	15,620	22,849	12,095	20,686	30
Rhode Island.....	7	36	52	88	1,030	2,167	3,197	1,530	2,906	3
South Carolina.....	4	4	8	12	125	433	558	225	558	4
South Dakota.....	5	6	14	20	240	620	860	440	860	2
Tennessee.....	9	24	28	53	835	2,271	3,106	1,091	2,304	8
Texas.....	29	74	93	167	4,185	6,676	10,861	4,613	10,418	15
Utah.....	3	4	7	11	215	507	722	192	722	2
Vermont.....	3	3	8	11	168	389	557	236	557	1
Virginia.....	9	20	34	54	717	1,871	2,588	1,175	2,588	4
Washington.....	17	32	55	87	1,324	4,946	6,270	1,993	6,199	7
West Virginia.....	7	10	18	28	528	1,614	2,142	1,102	2,142	4
Wisconsin.....	25	40	55	95	1,186	3,209	4,395	1,886	3,450	14
Wyoming.....	2	1	3	4	80	190	270	140	270	.....

TABLE 9.—*Instructors, students, and attendance in Y. M. C. A. and denominational commercial schools in 1917-18.*

States.	Schools reporting.	Instructors.			Students enrolled.			Average daily attendance.	Enrollment in schools reporting average daily attendance.	Schools not reporting.
		Men.	Women.	Total.	Men.	Women.	Total.			
1	2	3	4	5	6	7	8	9	10	11
United States....	110	491	128	619	14,705	4,351	19,056	6,992	14,467	17
Alabama.....	2	3	.....	3	85	.....	85	69	85	2
California.....	2	13	.....	13	749	.....	749	155	749	1
Colorado.....	1	5	.....	5	90	.....	90	24	90	1
Connecticut.....	2	8	.....	8	226	30	256	90	256	.....
Delaware.....	1	7	.....	7	53	.....	53	22	53	.....
Dist. Columbia.....	2	15	.....	15	760	18	778	.....	.....	.....
Georgia.....	1	5	.....	5	160	.....	160	140	160	.....
Illinois.....	10	35	21	56	1,286	230	1,516	404	897	.....
Indiana.....	4	2	4	6	232	34	266	188	266	.....
Kentucky.....	5	39	10	49	820	547	1,367	342	1,367	.....
Maryland.....	4	17	3	50	1,043	212	1,255	286	1,255	1
Massachusetts.....	11	60	12	72	1,261	394	1,655	929	1,161	1
Michigan.....	4	24	3	27	896	45	941	198	232	.....
Minnesota.....	3	10	.....	10	347	.....	347	136	347	.....
Missouri.....	1	1	4	5	215	219	434	20	221	.....
Nebraska.....	1	3	.....	3	100	.....	100	42	100	.....
New Jersey.....	5	15	5	20	505	233	738	187	208	1
New York.....	10	113	19	132	3,103	804	3,907	1,792	3,427	3
North Carolina.....	1	2	.....	2	16	.....	16	8	16	.....
Ohio.....	16	43	21	64	914	377	1,291	835	1,057	5
Oregon.....	2	8	1	9	655	.....	655	171	655	.....
Pennsylvania.....	10	8	14	22	177	279	456	389	445	2
Rhode Island.....	1	7	.....	7	90	.....	90	.....	.....	.....
Texas.....	3	7	.....	7	106	.....	106	59	106	.....
Utah.....	1	8	8	16	354	915	1,269	464	1,269	.....
Virginia.....	2	2	2	4	21	14	35	33	35	.....
Washington.....	2	1	1	2	441	.....	441	9	10	.....

TABLE 10.—Students in day and night courses and average daily attendance in all private commercial and business schools reporting in 1917-18.

States.	Day courses.			Night courses.			Average daily attendance.					
	Schools reporting.	Students.			Schools reporting.	Students.			Schools reporting.	In day schools.	Schools reporting.	In night schools.
		Men.	Women.	Total.		Men.	Women.	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13
United States...	841	50,329	132,285	182,614	716	46,120	60,845	106,965	699	79,675	602	43,013
Alabama.....	10	658	2,383	3,041	8	279	252	531	7	768	6	164
Arizona.....	1	50	269	1,319	1	41	50	91	1	89	1	37
Arkansas.....	7	417	1,173	1,590	5	87	137	224	7	755	5	99
California.....	30	3,170	8,406	11,576	30	2,678	4,269	6,947	27	6,109	27	4,040
Colorado.....	14	925	2,279	3,204	13	595	912	1,507	13	1,416	12	508
Connecticut.....	24	380	1,737	2,117	25	953	1,930	2,883	23	1,282	22	1,543
Delaware.....	2	311	653	964	3	762	372	1,134	2	400	2	497
District of Columbia.....	5	447	1,268	1,715	6	1,902	2,496	4,398	3	460	3	707
Florida.....	8	384	1,253	1,637	8	181	226	407	7	586	7	190
Georgia.....	12	1,071	1,905	2,976	4	88	125	213	11	1,452	4	61
Idaho.....	4	63	254	317	3	26	71	97	3	165	2	35
Illinois.....	58	3,552	9,469	13,021	52	3,689	5,565	9,254	44	4,731	43	2,755
Indiana.....	34	1,642	4,450	6,092	32	985	1,910	2,895	31	2,700	29	1,280
Iowa.....	21	1,577	4,192	5,769	15	416	820	1,236	16	1,679	13	386
Kansas.....	21	1,915	3,982	5,897	14	400	839	1,239	20	2,427	14	406
Kentucky.....	12	415	1,606	2,021	8	1,124	957	2,081	7	1,028	6	537
Louisiana.....	7	632	1,346	1,978	7	751	411	1,162	6	1,071	6	852
Maine.....	11	322	936	1,258	8	128	182	310	9	477	5	127
Maryland.....	8	256	789	1,045	8	1,165	492	1,657	2	366	3	352
Massachusetts.....	32	1,553	3,647	5,200	29	2,624	2,747	5,371	24	2,820	23	2,539
Michigan.....	32	1,782	4,387	6,169	24	1,427	1,686	3,113	29	2,810	22	984
Minnesota.....	31	1,987	3,857	5,844	26	1,123	1,485	2,608	26	2,653	20	998
Mississippi.....	2	105	355	460	1	15	10	25	1	25	.....	.....
Missouri.....	30	3,066	5,114	8,180	27	1,272	1,546	2,818	27	3,609	24	1,128
Montana.....	6	201	974	1,175	6	139	306	445	6	282	6	116
Nebraska.....	12	861	2,949	3,810	8	317	570	887	10	1,543	5	254
Nevada.....	1	10	125	135	1	15	25	40	1	54	1	15
New Hampshire.....	4	145	328	473	3	202	265	467	3	197	3	115
New Jersey.....	24	1,252	3,496	4,748	23	2,422	3,098	5,520	18	1,978	18	1,837
New Mexico.....	2	64	220	284	2	27	46	73	2	80	2	18
New York.....	90	4,806	15,708	20,514	85	8,972	10,507	19,479	78	8,885	74	8,157
North Carolina.....	8	430	1,086	1,516	5	100	105	205	7	547	4	107
North Dakota.....	5	408	481	889	2	7	21	28	5	415	2	13
Ohio.....	57	2,536	8,501	11,037	49	2,649	3,798	6,447	41	5,288	37	2,839
Oklahoma.....	10	934	1,361	2,295	8	276	337	613	9	717	7	188
Oregon.....	7	740	1,507	2,247	6	494	395	889	4	894	4	274
Pennsylvania.....	75	3,263	9,223	12,486	69	4,143	6,676	10,819	61	7,048	61	5,436
Rhode Island.....	8	465	1,061	1,526	6	655	1,006	1,761	6	678	5	852
South Carolina.....	4	111	418	529	2	14	15	29	4	197	2	28
South Dakota.....	5	177	510	687	3	63	110	173	5	348	3	92
Tennessee.....	9	721	2,106	2,827	2	114	165	279	7	1,091	.....	.....
Texas.....	30	3,569	5,909	9,478	24	722	767	1,489	26	3,991	20	681
Utah.....	3	205	905	1,110	4	364	517	881	2	421	3	235
Vermont.....	3	87	232	319	3	81	157	238	3	153	3	83
Virginia.....	11	585	1,670	2,255	4	153	215	368	9	1,061	4	147
Washington.....	17	847	3,743	4,590	18	918	1,203	2,121	15	1,477	15	525
West Virginia.....	7	287	1,225	1,512	7	241	389	630	7	749	7	353
Wisconsin.....	25	900	2,692	3,592	17	286	517	803	22	1,603	15	283
Wyoming.....	2	45	145	190	2	35	45	80	2	100	2	40

TABLE 11.—Enrollment by course of study in all private commercial and business schools reporting in 1917-18.

States.	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire) course.		Telegraphy (wireless) course.		Accountancy course.		Secretarial course.		Salesmanship course.	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States.....	36,451	33,069	30,809	121,593	15,628	32,853	2,495	2,420	2,606	314	5,186	1,180	2,985	10,852	2,194	1,798
Alabama.....	534	281	367	1,051	57	86										
Arizona.....	37	33	44	229	10	57										
Arkansas.....	268	279	182	886	90	183										
California.....	2,457	3,822	1,813	6,635	751	1,962	475	640	530	175	179	26	409	2,133	39	13
Colorado.....	489	572	334	1,608	402	993	30	56			31	0	20	80	18	0
Connecticut.....	801	703	418	2,440	60	591	6	28	20	3	62	4	26	221	12	30
Delaware.....	501	141	492	718							17	0	27	166		
District of Columbia.....	135	50	1,327	2,659	12	44					430	18				
Florida.....	223	148	143	877	142	375							16	71		
Georgia.....	274	242	97	527	243	421	74	33					0	18		
Idaho.....	48	131	32	250	29	74	2	5								
Illinois.....	2,660	1,992	2,644	11,396	1,382	1,479	8	7	68	0	456	129	174	467	181	306
Indiana.....	990	836	617	486	486	1,263	330	100	230	10	110	10	56	164	65	85
Iowa.....	1,135	919	477	3,533	312	775	76	83	135	13	30	8	77	217	26	81
Kansas.....	1,024	701	753	2,557	955	1,770	76	83	135	13	75	17	19	33	26	2
Kentucky.....	360	317	306	1,489	207	648	121	99	64	18	70	66	64	88	36	0
Louisiana.....	581	186	454	1,390	40	72	1	3								
Maine.....	382	208	87	773	111	440	33	30	30		94	0	0	175	61	85
Maryland.....	273	91	239	989	74	329	3	3	186	1	110	0	7	21	13	0
Massachusetts.....	1,015	1,455	786	2,976	205	893	82	204			582	0	157	640	38	0
Michigan.....	1,360	1,383	776	3,294	406	1,398	71	20	291	0	371	24	14	75	76	69
Minnesota.....	1,865	1,580	587	3,036	250	953	189	438	51	6	74	53	10	82	86	37
Mississippi.....	71	52	50	275	17	45										
Missouri.....	932	953	990	4,396	1,073	2,026	582	302			330	133	171	577	22	0
Montana.....	246	227	108	1,024	14	112	5	48					0	12		
Nebraska.....	328	353	469	2,111	244	768	87	17					12	25	33	0
Nevada.....	5	26	20	109	3	21										
New Hampshire.....	197	95	61	340	70	102	17	13					0	4		
New Jersey.....	852	685	1,265	4,418	949	1,209					209	0	122	308	35	0
New Mexico.....	53	47	24	142	30	188					1	0				

New York.....	4,484	3,636	5,353	16,229	2,254	4,166	62	20	617	88	1,239	236	954	2,992	396	186
North Carolina.....	245	218	135	541	110	295	4	5							5	8
North Dakota.....	266	61	51	270	103	209										
Ohio.....	2,412	2,410	1,738	7,573	1,067	2,583	13	4	38	0	270	228	127	531	36	2
Oklahoma.....	453	388	466	1,194	237	426							55	108		
Oregon.....	387	439	270	906	205	351			236	0	59	0				
Pennsylvania.....	3,328	2,562	3,132	10,498	892	1,689	48	45	10	0	65	84	276	804	51	48
Rhode Island.....	476	327	371	1,424	92	2					23	6	51	243		
South Carolina.....	61	25	26	271	27	52							6	89		
South Dakota.....	157	95	48	429	23	93	11	4			4	0	15	71		
Tennessee.....	424	485	245	1,601	138	292										
Texas.....	1,408	1,118	1,457	3,881	1,265	1,607	124	104			55	28	51	46	743	614
Utah.....	243	199	254	1,103	21	89	5	16								
Vermont.....	57	41	50	229	49	101							1	2		
Virginia.....	369	123	242	1,514	110	208					12	0	39	119		
Washington.....	626	1,085	506	3,111	138	499	18	58	220	0	139	70	7	40	143	160
West Virginia.....	264	350	201	1,241	43	190					4	2	0	20	6	10
Wisconsin.....	840	952	267	2,355	217	677	21	35			60	30	22	210	47	71
Wyoming.....	25	37	35	123	13	17										

TABLE 12.—Enrollment, by course of study, in private nondenominational commercial and business schools reporting in 1917-18.

States.	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9
United States	33,988	32,761	28,323	120,514	13,413	30,673	2,249	2,205
Alabama.....	493	281	322	1,951	49	86		
Arizona.....	37	33	44	229	10	57		
Arkansas.....	268	279	182	886	90	183		
California.....	2,280	3,822	1,666	6,635	687	1,962	475	640
Colorado.....	463	572	300	1,608	312	993	30	56
Connecticut.....	601	685	418	2,423	60	591		
Delaware.....	501	141	492	718				
District of Columbia.....	105	50	1,027	2,659	12	44		
Florida.....	223	148	143	877	142	375		
Georgia.....	259	242	82	527	228	421	74	33
Idaho.....	48	131	32	250	29	74	2	5
Illinois.....	2,559	1,992	2,579	11,396	760	1,249	8	7
Indiana.....	940	836	606	4,052	468	1,259	300	100
Iowa.....	1,135	919	477	3,553	312	775		
Kansas.....	1,024	701	753	2,557	955	1,770	76	83
Kentucky.....	301	276	228	1,390	161	539		
Louisiana.....	581	186	454	1,390	40	72	1	3
Maine.....	382	208	87	773	111	440	33	30
Maryland.....	136	59	172	989	60	300		
Massachusetts.....	814	1,455	580	2,954	108	521	82	204
Michigan.....	1,172	1,372	763	3,271	401	1,387	71	20
Minnesota.....	1,755	1,580	534	3,036	250	953	154	427
Mississippi.....	71	52	50	275	17	45		
Missouri.....	914	953	979	4,396	1,064	1,638	582	302
Montana.....	246	227	108	1,024	14	112	5	48
Nebraska.....	295	353	399	2,111	244	768	61	17
Nevada.....	5	26	20	109	3	21		
New Hampshire.....	197	95	61	340	70	102		
New Jersey.....	844	695	1,237	4,307	949	1,176		
New Mexico.....	53	47	24	142	30	188		
New York.....	3,847	3,636	4,584	16,129	1,505	3,805	62	20
North Carolina.....	235	218	129	541	110	295	4	5
North Dakota.....	266	61	51	270	103	209		
Ohio.....	2,135	2,409	1,541	7,561	941	2,244	8	4
Oklahoma.....	453	388	466	1,194	237	426		
Oregon.....	301	439	114	906	128	351		
Pennsylvania.....	3,309	2,530	3,087	10,441	777	1,507	48	45
Rhode Island.....	476	327	371	1,424	2	2		
South Carolina.....	61	25	26	271	27	52		
South Dakota.....	157	95	48	429	23	93	11	4
Tennessee.....	424	485	245	1,601	138	292		
Texas.....	1,404	1,118	1,457	3,881	1,253	1,607	124	104
Utah.....	117	26	84	465	3	13		
Vermont.....	57	41	50	229	49	101		
Virginia.....	369	123	242	1,514	89	194		
Washington.....	546	1,085	506	3,111	119	497		
West Virginia.....	264	350	201	1,241	43	190		
Wisconsin.....	840	952	267	2,355	217	677	21	35
Wyoming.....	25	37	35	123	13	17		

TABLE 13.—Enrollment, by course of study, in Y. M. C. A. and denominational commercial schools reporting in 1917-18.

States.	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
1	2	3	4	5	6	7	8	9
United States.....	2,463	308	2,486	1,079	2,215	2,180	246	215
Alabama.....	41		45		8			
California.....	177		147		64			
Colorado.....	26		34		90			
Connecticut.....		18		17			6	28
District of Columbia.....	30		300					
Georgia.....	15		15		15			
Illinois.....	131		65		622	230		
Indiana.....	50		11		18	34	30	
Kentucky.....	59	41	78	99	46	109	121	99
Maryland.....	137	32	67		14	29		3
Massachusetts.....	201		206	22	97	372		
Michigan.....	188	11	13	23	5	11		
Minnesota.....	110		53				35	11
Missouri.....	18		11		9	388		
Nebraska.....	33		70				26	
New Jersey.....	8		28	111		33		
New York.....	637		769	100	749	361		
North Carolina.....	10		6					
Ohio.....	277	1	197	12	126	339	5	
Oregon.....	86		156		77			
Pennsylvania.....	19	32	45	57	115	182		
Rhode Island.....					90			
Texas.....	4				12			
Utah.....	126	173	170	638	18	76	5	16
Virginia.....					21	14		
Washington.....	80				19	2	18	58

TABLE 14.—Students, tuition fees, and time required to complete the course in wireless telegraphy in commercial and business schools in 1917-18.

Location.	Name.	Students		Tuition fees in—			Months required for completing day course.
		Men.	Women.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
CALIFORNIA.							
Berkeley.....	Berkeley Business College.....	3	6	\$10	\$50	\$10	6
Los Angeles (715 S. Hope St.).....	Y. M. C. A. School of Commerce and Finance.....	227	94	15	85	10	6
San Francisco (Van Ness Ave. and Post St.).....	Heald's Business College.....	300	75	15	1 90	6	8-12
CONNECTICUT.							
Bridgeport.....	Y. M. C. A. (commercial department).....	15				5	
New Haven.....	Royal Business College.....	5	3			6	5
ILLINOIS.							
Chicago (19 S. La Salle St.).....	Central Y. M. C. A. Institute (commercial department).....	68				10	2½
INDIANA.							
Indianapolis.....	Y. M. C. A. Night School.....	40				(?)	5
Valparaiso.....	Dodge's Telegraph, Railway Accounting and Radio (Wireless) Institute.....	190	10		65		6

¹ Tuition fee for 8 months.

² War service.

TABLE 14.—*Students, tuition fees, and time required to complete the course in wireless telegraphy in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
KANSAS.							
Hutchinson.....	Salt City Business College.....	100	3	\$15	\$55		5-6
Salina.....	Kansas University of Commerce	35	10	15	75		3-6
KENTUCKY.							
Louisville.....	Y. M. C. A. Schools (commercial department).	64	18	12	48	\$4	8
MARYLAND.							
Baltimore (Franklin and Cathedral Sts.)	Association Institute (commercial department).	161		12		8	4-6
Do.....	Radio School of Y. M. C. A.....	25	1	12	70	8	6
MICHIGAN.							
Detroit (Grand Circus Park)	Detroit Institute of Technology.	291			25		3
MINNESOTA.							
Duluth.....	Y. M. C. A. (commercial department).	25	3			4	
St. Paul.....	Y. M. C. A. Night School (commercial department).	26	3			3	7
NEW YORK.							
Brooklyn (65 Flatbush Ave.)	Browne's Business College.....	49				5	6
New York (1931 Broadway).	The Paine Upton Business School.	50	20	10		5	4-6
New York (153 E. 86th St.)	East Side Y. M. C. A. (commercial department).	518	68	15	50	15	4½
OHIO.							
Canton.....	Canton Technical Institute, Y. M. C. A. ¹	12			10		4
Dayton.....	Y. M. C. A. Institute (commercial department).	26					
OREGON.							
Portland.....	Y. M. C. A. Schools (commercial department).	236		15	50	10	4
PENNSYLVANIA.							
Wilmerding.....	Y. M. C. A. Evening School (commercial department).	10			12		3
WASHINGTON.							
Seattle.....	Y. M. C. A. School (commercial department).	220		15	60	8	4-5

¹Night school.

TABLE 15.—*Students, tuition fees, and time required to complete the course in accountancy in commercial and business schools in 1917-18.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
CALIFORNIA.							
Los Angeles (cor. 2d and Spring Sts.).	School of Commerce, Accounts, and Finance, Southwestern University.	64	14		¹ \$80		19
Los Angeles (715 S. Hope St.).	Y. M. C. A. School of Commerce and Finance.	66				² \$14	20
Oakland.....	Heald's Business College.....	2		\$15			4-6
San Diego.....	San Diego Business and Academic College.	15	4	15	140		12-24
San Francisco (220 Golden Gate Ave.).	Y. M. C. A. (commercial department).	28				8	24
Santa Ana.....	Orange County Business College.....	4	8	15	³ 125	7	12
COLORADO.							
Denver.....	Y. M. C. A. Business School.....	31				⁴ 15	25½
CONNECTICUT.							
Bridgeport.....	Y. M. C. A. (commercial department).	45	2			² 50	
Hartford.....	Huntsinger Business School.....	12	2			5	24
Do.....	Merchants' and Bankers' Business College.	4		15			8-10
South Norwalk.....	Merrill Business College.....	1		14			
DELAWARE.							
Wilmington.....	Y. M. C. A. Evening School (commercial department).	17			30		
DISTRICT OF COLUMBIA.							
Washington (1736 G St. NW.).	Washington School of Accountancy, Y. M. C. A.	430	18	9	² 36	9	24
IDAHO.							
Moscow.....	Creekmur's Business College.....	25	8	10		5	
ILLINOIS.							
Alton.....	Brown Business College.....	3		12	35		⁶ 3
Chicago (19 S. La Salle St.).	Central Dept. Y. M. C. A. Institute (commercial department).	125				8	24
Chicago (4732 Irving Park Blvd.).	Columbia Business College.....	2	1	12		6	12
Chicago (1134-40 Wilson Ave.).	Pierson Business College.....	34	41	12			
Chicago (122 S. Michigan Blvd.).	Walton School of Commerce ⁶	255	66		200		27
Chicago (638-40 W. Garfield Blvd.).	Watson's Business College.....	9	10	12		6	
Danville.....	Brown's Business College.....	10	5	13	95	5	9
East St. Louis.....	Summers College of Commerce.....	2		10	60		6
Rock Island.....	Brown's Business College.....	10		15	100	6	9
Waukegan.....	Waukegan Business College.....	6	6	10	³ 95	5	8-12
INDIANA.							
Aurora.....	Richmond's Aurora Business College.	6		10	25		2-5
Fort Wayne.....	International Business College.....	50	10	15	125		8
Indianapolis.....	Y. M. C. A. Night School (commercial department).	54			105		12
IOWA.							
Mason City.....	Hamilton's University of Commerce.	8	1	13	100		18
Muscatine.....	Brown's Business College.....	1		15	100		9
Ottumwa.....	Ottumwa Commercial College.....	21	7	10	60	5	6

¹ Tuition for 1 year in night school.² Tuition for 17 weeks.³ Tuition for 1 year⁴ Tuition for 30 weeks⁵ After complete bookkeeping course.⁶ Night school.

TABLE 15.—*Students, tuition fees, and time required to complete the course in accountancy in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
KANSAS.							
Abilene.....	Central Kansas Business College.....	2	1	\$10	\$50		6
Manhattan.....	Manhattan Business College.....	1	2	9	40		6
Newton.....	Newton Business College.....	2		10		\$5	3
Topeka.....	Topeka Business College.....	55	13	15		4	5
Wichita.....	Wichita Business College.....	15	1	14		6	12
KENTUCKY.							
Covington.....	Curtis Commercial College.....	50	64		50		6
Louisville.....	Y. M. C. A. Schools (commercial department).	20	2			5	16
MAINE.							
Portland.....	Shaw Business College ¹	94		13		6	6
MARYLAND.							
Baltimore (Franklin and Cathedral Sts.).....	Association Institute (commercial department).	110				9	32
MASSACHUSETTS.							
Boston (161 Massachusetts Ave.).....	Chandler School for Women.....	7		20			10
Boston (316 Huntington Ave.).....	Northeastern College, School of Commerce and Finance. ²	477			(³)		48
Springfield.....	Y. M. C. A. (commercial department). ²	27			120		12
Worcester.....	Northeastern College, School of Commerce and Finance.	71			(⁴)		36
MICHIGAN.							
Big Rapids.....	Ferris Institute (commercial department).	15		10	75		9-24
Detroit (Grand Circus Park).....	Detroit Institute of Technology..	272			52	11	30
Grand Rapids.....	War Industrial Training Institute Y. M. C. A.	50				13	3
Iron Mountain.....	Actual Business College.....	25	12	12	65	5	
Ironwood.....	Ironwood Business College.....	6	2	10	85	5	10
Muskegon.....	Muskegon Commercial College....	3	10	12	65		9-12
MINNESOTA.							
Albert Lea.....	Albert Lea Commercial College... University of Southern Minnesota (commercial department).	2		20	200	8	27
Austin.....	Collegiate Business Institute.....	4	6	10	80		15
Minneapolis (Nicollet at 10th St.).....	Lancaster Business Institute.....	39	4		175	\$ 18	9
St. Paul.....	Winona Business College.....	5		12		5	
Winona.....		24	43	12	70	5	5-6
MISSOURI.							
Chillicothe.....	Chillicothe Business College.....	50	19	15	75		6
Kansas City.....	Kansas City Business College.....	38	99	12	80	6	6-9
Do.....	Kansas City School of Accountancy, Law, and Finance. ¹	150	15	10	210		30
St. Louis (Grand and Franklin).....	Ralph Sellev Institute, Y. M. C. A. ²	92			60		8½
NEW JERSEY.							
Bayonne.....	Drake Business College.....	10				12	
Newark (111 Halsey St.).....	Y. M. C. A. (commercial department).	199				12	30
NEW MEXICO.							
Roswell.....	Standard Business School.....	1		7			

¹ Includes one branch school.² Night school.³ Tuition fees, \$75 to \$85 for course.⁴ Tuition fees, \$65 to \$80 for course.⁵ Tuition fee for subject.

TABLE 17.—*Students, tuition fees, and time required to complete the course in accountancy in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Women.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
NEW YORK.							
Amsterdam.....	Reynolds Business School.....	21	7	\$9		\$4	6-9
Brooklyn (1121 Bedford Ave.).....	Bedford Branch, Y. M. C. A. (commercial department).	26				12	7 ¹
Brooklyn (55 Hanson Place).....	Marquand School.....	302			1 \$256		
Brooklyn (Orange and Hicks Sts.).....	Plymouth Institute of Accountancy.....	42	5			16	20
Buffalo (Mohawk and Franklin Sts.).....	Association Institute, Y. M. C. A.....	120				12	22
New York (215 West 23d St.).....	Chelsea School.....	336				14	24
New York (36 West 123d St.).....	Eastman-Gaines School.....	10		15		5	24
New York (280 Madison Ave.).....	Institute of Commerce.....	5	7	15	120	6	2-4
New York (Broadway at 66th St.).....	Mull's School.....	2				6	
New York (1135 Broadway).....	New York School of Accounts.....	8			95		
New York (Lexington Ave. and 35th St.).....	Packard Commercial School.....	25	3			10	
New York (32 Broadway).....	Post Graduate School of Accountancy. ²	45	2	31	125		4
New York (318 West 57th St.).....	West Side Y. M. C. A. (commercial department).	12			117		8
Peekskill.....	Peekskill Business College.....	18	16	12	80	6	10
Rochester.....	Williams and Rogers Rochester Business Institute.....	36	6			9	
Troy.....	Troy Business College.....	215	175	13	75	4	
Utica.....	Excelsior School of Business.....	16	15	10		8	
OHIO.							
Akron.....	Hammel Business College.....	2		10	55	6	6
Ashtabula.....	Ashtabula Business College.....	3	2	13	125	5	12-15
Canton.....	Canton Technical Institute, Y. M. C. A. ³	27			40		
Cleveland (Ontario St.).....	Cleveland Business University.....	130	207	10		5	7
Columbus (131 E. State St.).....	Bliss Business College.....	15	6			10	30
Dayton.....	Miami-Jacobs Business College.....	7	3			7	10
Do.....	Y. M. C. A. Institute (commercial department). ³	30	3		200		21
Greenville.....	Commercial-Normal College.....	3	1	12	84	5	7
Lancaster.....	Columbia Commercial University.....	4	0	12	132		11
Steubenville.....	Steubenville Business College.....	5	5	10	99		7-11
Toledo.....	Y. M. C. A. School (commercial department). ³	20	1			10	20
Youngstown.....	do. ³	24		3 214			21
OREGON.							
Portland.....	Christian Brothers Business College.....	25		(*)			12
Do.....	Y. M. C. A. (commercial department).	34			5 75		24
PENNSYLVANIA.							
Allentown.....	American Commercial School.....	3		12		5	
Beaver Falls.....	Duffs College.....	9	2	12	110		9
Easton.....	Churchman Business College.....	14	7	12	100	5	14
Harrisburg.....	Harrisburg Shorthand School.....	8	12	10	60		6
Indiana.....	Leech's Actual Business College.....	2	1	12	120	6	10
Philadelphia (723 Chestnut St.).....	American Business College.....	21	55	10	100	5	10-12
Warren.....	Hoff Business College.....	3		10			8
Wilmerding.....	Y. M. C. A. Evening School (commercial department).	5	7			3	

¹ Tuition fee, night school.² Night school.³ Tuition for five semesters.

*Tuition fee, \$5 to \$8 per month.

5 Tuition for 1 year in night school.

TABLE 15.—*Students, tuition fees, and time required to complete the course in accountancy in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Women.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
RHODE ISLAND.							
Providence.....	Bryant and Stratton Commercial School.	23	6			\$8	17-20
SOUTH DAKOTA							
Watertown.....	South Dakota School of Business.	4		\$12	\$200	5	24
TEXAS.							
Tyler.....	Tyler Commercial College.....	55	48	20			2
VIRGINIA							
Newport News.....	International Business College.....	6		12	75		10
Staunton.....	Dunsmore Business College.....	6		12	75		9
WASHINGTON							
Aberdeen.....	Grays Harbor Business College.....	2	2	15	75		6
Seattle.....	Western Institute of Accountancy, Commerce, and Finance.	100	40			8	36
Spokane.....	Western Institute of Accountancy. ¹	37	28	10	65		18
WEST VIRGINIA							
Charleston.....	Capital City Commercial College..	4	2	12	65		6
WISCONSIN.							
Appleton.....	Actual Business College.....	13	14	15	100		6
Do.....	Appleton Business College.....	20	10	12			
Green Bay.....	Badger Commercial College and Telegraph School.	7	6	15	50	5	4
Milwaukee.....	Wisconsin School of Accountancy and Stenography.	20		13			

¹ Night school.TABLE 16.—*Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Women.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
CALIFORNIA.							
Oakland.....	Heald's Business College.....	1	20	\$15			8-12
San Francisco (Van Ness Ave. and Post St.)	.....do.....	275	375	15	\$90	\$6	8-12
San Francisco (600 Sutter St.)	Munson School for Private Secretaries.	130	1,728	16	122	6	8
San Jose.....	Heald's Business College.....	2	3	15			
Santa Ana.....	Orange County Business College..	1	7	15	² 125	7	12
COLORADO.							
Denver.....	Central Business College.....	20	80	12		5	9

¹ Special rate of tuition for 8 months.² Tuition fee for 1 year.

TABLE 16.—Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18—Continued.

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
CONNECTICUT.							
Hartford.....	Huntsinger Business School.....		70	\$15	\$150		10
Do.....	Merchants' and Bankers' Business College.....	3	3	15		\$5	
Do.....	Modern Business School.....	2	10	15		5	
Do.....	Morse Business College.....	4	9	16		5	20
New Haven.....	Stebbing Commercial School.....	5	102	15			12-18
Do.....	Stone Business College.....	12	27	15		6	10-12
DELAWARE.							
Wilmington.....	Beacom Business Colleges.....	17	96	16			12
Do.....	Goldey College.....	10	70	16		6	10-12
FLORIDA.							
Miami.....	Pan American College of Commerce.....	16	71	15	140	8	12-15
GEORGIA.							
Atlanta.....	Atlanta Business College.....		18	15	60		6
ILLINOIS.							
Alton.....	Brown's Business College.....		52	12	90	18	9
Chicago (4732 Irving Park Blvd.).....	Columbia Business College.....	2	17	12		6	12
Chicago (1208 East 63d St.).....	MacCormac School.....	3	11	12			9-12
Chicago (616 S. Michigan Ave.).....	National Institute of Secretaries.....	21	69		50		5-7
Chicago (638-40 W. Garfield Blvd.).....	Watson's Business College.....	12	28	12		6	
Chicago Heights (92 Illinois St.).....	Chicago Heights Business College.....		4	10			12
East St. Louis (301 Collinsville Ave.).....	Brown's Business College.....	89	135	10	90	5	9
East St. Louis (Main and Broadway).....	Summers College of Commerce.....	10		10	60		6
Flora.....	The Orchard City College.....		8	12			7
Moline.....	Brown's Business College.....	1	24	15	110		9
Rock Island.....	do.....	13	50	15	100	6	9
Shelbyville.....	Spark's Business College.....	10	15	12			16
Springfield.....	Brown's Business College.....	12	49	15	2 105	6	9
Waukegan.....	Waukegan Business College.....	1	5	10		5	8-12
INDIANA.							
Aurora.....	Richmond's Aurora Business College.....	2	2	10	50		6
Brazil.....	Brazil Business University.....	2	23	12	90	5	10
Logansport.....	Indiana Business College.....		5	12	90		9
Terre Haute.....	Brown's Business College.....	50	128	15	105		9
Vincennes.....	Vincennes Business College.....	2	6	15	135	6	9
IOWA.							
Chariton.....	Chariton Business College.....	1	2	10			12
Davenport.....	Brown's Business College.....	41	90	13	95	5	9
Mason City.....	Hamilton's University of Commerce.....	8	26	13	75		10
Muscatine.....	Brown's Business College.....	1	8	15		6	9
Ottumwa.....	Iowa Success School.....		10	13	90		12
Waterloo.....	Waterloo Business College.....	26	81	13		8	9-14
KANSAS.							
Abilene.....	Central Kansas Business College.....	9	2	9	30		4
Chanute.....	Chanute Business College.....		2	15	100	6	8
Leavenworth.....	Leavenworth Business College.....	10	29	3 12			11

¹ Tuition reduced after first month.

³ Tuition reduced after second month.

² Tuition fee for 9 months.

TABLE 16.—*Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
KENTUCKY.							
Covington.....	Curtis Commercial College.....	64	88		\$50	\$4	6
MAINE.							
Portland.....	Shaw Business College ¹		175	\$13		6	6
MARYLAND.							
Salisbury.....	Beacom Business College.....	7	21	15			8
MASSACHUSETTS.							
Boston (334 Boylston St.)	Bryant and Stratton Commercial School.	117	454	22		8	12-15
Boston (161 Massachusetts Ave.)	Chandler School for Women.....		19	20			10
Boston (136 Boylston St.)	Franklin Academy.....		4	12		4	
Fall River.....	Thibodeau Business College.....		12	10	60		6
Lawrence.....	Lawrence Commercial School.....	4	38	14	150	6	8
New Bedford.....	Kinyon's Commercial and Short-hand School.	1	16	² 35			
Northampton.....	Northampton Commercial College	35	97	15	150	5	10
MICHIGAN.							
Big Rapids.....	Ferris Institute.....	10	25	10	75		9
Detroit (163-169 Cass Ave.)	Business Institute.....		32	12			10-14
Detroit (972 Gratiot Ave.)	Central Business College.....	2	6	10		5	9
Lansing.....	Lansing Business University	2	12	15	125		13
MINNESOTA.							
Albert Lea.....	Albert Lea Commercial College..	2	31	15	85	7	9
Minneapolis (5 W. Lake St.)	American Business College.....	2	2	15		5	6-8
Minneapolis.....	Collegiate Business Institute		20		175		9
St. Paul.....	Lancaster Business Institute	6	13	12		5	
Winona.....	Winona Business College.....		16	3	15		6-7
MISSOURI.							
Chillicothe.....	Chillicothe Business College.....	15	48		15		2
De Soto.....	De Soto Business College.....	1	2	13	95	5	9
Kansas City.....	Huff's School of Expert Business Training.	25	250	15		5	10
Do.....	Kansas City Business College.....	42	131	15	³ 75	8	6-9
Nevada.....	Nevada Business College.....	5	25	⁴ 15	81	5	8
St. Louis (Delmar and Vandeventer).	Brown's Business College.....	20	50	12	100	7	8-10
St. Louis (8th and Pine Sts.)	..... do.....	53	66	12	100	7	9
St. Louis (N. W. cor. 8th and Locust Sts.)	Jones Commercial College.....	10	5	15	105	6	9
MONTANA.							
Missoula.....	Missoula Business and Normal College.		12	15	100	8	8
NEBRASKA.							
Hastings.....	Hastings Business College.....	12	25	10	100		8-10
NEW HAMPSHIRE.							
Manchester.....	Bryant-Stratton Business College.		4	10		4	12-15
NEW JERSEY.							
Bridgeton.....	Heimbach's Bridgeton Business School.	3	10	15		5	8-13
Camden.....	Camden Commercial College.....	39	100	16		6	8-13
East Orange.....	Drake College.....	15	50	13		5	9
Newark.....	..... do.....	50	100	13			9
Trenton.....	Heimbach's Trenton Business School.	15	48	14		5	8-13

¹ Includes one branch school.² Tuition for 16 weeks.³ Tuition for 6 months.⁴ Tuition reduced after first month.

TABLE 16.—Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18—Continued.

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
NEW YORK.							
Albany.....	Albany Business College.....	3	32	\$15			7-8
Amsterdam.....	Reynolds Business School.....	20	34	9		\$4	7-9
Brooklyn (1317 Broadway).	Alpha School.....		50	10	\$85	5	8-9
Brooklyn (65 Flatbush Ave.).	Browne's Business College.....	288		12		5	
Brooklyn (895-899 Flatbush Ave.).	Ellsworth School of Secretaries..	55	270	12		5	6
Brooklyn (896 Manhattan Ave.).	Heffley Greenpoint School.....	15	20	12	144	5	12
Brooklyn (243-245 Ryerson St.).	Heffley Institute.....	93	535	12			12
Brooklyn (287 Broadway)	Wood's Business School.....	30	73	12	95	5	9
Lockport.....	Lockport Business Institute.....	35	65	10		5	6
Middletown.....	Ramsdell School.....	3	25	10			7-10
Mount Vernon.....	Sherman's Business School.....	1	14	15		6	
New Rochelle.....	Westchester Commercial School..	4	31	12		5	10
New York (413 East 138th St.).	Accountants and Secretaries Business School.....		4	10	90		9
New York (501 West 145th St.).	Audubon Commercial School.....		30	17	150		14
New York (802-4-6 Tremont Ave., Bronx).	Bronx Business Institute.....	9	29	10	90	5	12
New York (830 Westchester Ave.).	Bronx Commercial School.....	22	64	10	100	5	10-12
New York (36 West 123d St.).	Eastman-Gaines School.....	25	250	15		5	9-14
New York (280 Madison Ave.).	Institute of Commerce.....	30	54	15	125	6	6
New York (2105 Seventh Ave.).	Kells School.....		125	10		5	6-7
New York (37 East 58th St.).	Merchants' and Bankers' Business School.....	95	181	17		5	9-12
New York (3219 Third Ave.).	Metropolitan School of Business..	3	4	10			7-10
New York (50 East 42d St.).	Moon's Shorthand and Secretarial Schools.....	20	90		115		3
New York (144 Columbus Ave., Broadway at 66th St.).	Mull's School.....	38	90	12		6	
New York (1161 Madison Ave.).	New York Commercial School... 2	11	12			5	9-18
New York (33 West 42d St.).	New York School of Secretaries..	9	151		175		3
New York (Lexington Ave. and 35th St.).	Packard Commercial School.....	29	295	18			
New York (1931 Broadway).	Paine Uptown Business School..	8	33	15	175	6	7-9
New York (542 Fifth Ave.)	United States School of Secretaries.	7	148	25	150	15	6
New York (200 West 72d St.).	Walworth Business Institute.....	11	25	18		15	12
Peekskill.....	Peekskill Business College.....	52	60	10	40	6	8
Rochester.....	Williams and Rogers Rochester Business Institute.....	4	18	13			12-14
Troy.....	Troy Business College.....	43	175	13	75		7
Utica.....	Excelsior School of Business.....		6	10		5	8
OHIO.							
Akron.....	Actual Business College.....	15	136	13	95		9-10
Ashtabula.....	Ashtabula Business College.....	3	4	13	100	5	12
Cincinnati (31 East 4th St.).	Campbell Commercial School.....	1	34	15	85		7
Cleveland (Engineers Building, Ontario St.).	Cleveland Business University..	51	75	10		5	1
Cleveland (Ninth, Prospect, and Huron).	Dyke School of Business.....	5	32	20	260	8	16

¹ Tuition for 6 months.

² Reduced rate after first month.

³ Tuition reduced after second month.

TABLE 16.—*Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months re- quired for completing day course.
		Men.	Wom- en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
OHIO—continued.							
Columbus.....	Bliss Business College.....	5	55	\$20	\$165	\$10	9
Do.....	Mann's Business Training School.....	6	40	15	100		8
Do.....	Office Training School.....	24	64	15	100	8	8
Elyria.....	Elyria Business College.....		5	10			
Marietta.....	Marietta Commercial College.....		12	13	195		9
Piqua.....	Ideal Business School.....	12	27		112		8-10
Sandusky.....	Sandusky Business College.....	4	27	13	125	6	12
Steubenville.....	Steubenville Business College.....	1	20	13	99		11
OKLAHOMA.							
Sapulpa.....	Beeson's Commercial College.....	5	8	15	100	5	6-8
Tulsa.....	Tulsa Business College.....	50	100	20	115	10	8-10
PENNSYLVANIA.							
Allentown.....	American Commercial School.....	32	47	12		5	16
Altoona.....	Zeth School.....	4	40	10			8
Harrisburg.....	Harrisburg Shorthand School.....	8	11	10	60		6-7
Lock Haven.....	Lock Haven Institute.....	5	5	8	40		
Philadelphia (723 Chest- nut St.).....	American Business College.....	18	55	10	100	5	10-12
Philadelphia (Pine St., west of Broad).....	Peirce School.....	80	260	20	200	6	12-20
Philadelphia (1002 Market St.).....	Taylor Business School.....	35	82	15		5	13
Pittsburgh (132 Stanwix St.).....	Duff's College.....	50	78	15	170	7	12
Pittsburgh (5th Ave. and Grant St.).....	Iron City College.....	16	60	14			10-12
Pittsburgh (8 W. North Ave.).....	Park Institute.....	8	29	13	112		10
Pittsburgh (531 Wood St.).....	Pittsburgh Academy.....	5	111	15	150	7	10
South Bethlehem.....	South Bethlehem Business Col- lege.....	13	22	12		5	10-15
Wilmerding.....	Y. M. C. A. Evening School (com- mercial department).....	2	4		39	3	
RHODE ISLAND.							
Providence.....	Miss Brayton's Special School.....		5	8		5	8
Do.....	Bryant and Stratton Commer- cial School.....	30	93	16			13-15
Do.....	Child's Business College.....	20	45	18	252	8	14
Do.....	Providence School for Secretaries.....		100	25	180		6-8
Woonsocket.....	Woonsocket Commercial School.....	1		14		6	20
SOUTH CAROLINA.							
Anderson.....	Cecil's Business School.....	1	39	20	90		8
Spartansburg.....	Cecil's Business College.....	5	50		90		5-6
SOUTH DAKOTA.							
Aberdeen.....	Aberdeen Business College.....	15	71	13	105	6	10
TEXAS.							
Tyler.....	Tyler Commercial College.....	51	45		10		1
Yoakum.....	Baldwin's Business College.....		1	12			3-6
VERMONT.							
Brattleboro.....	Clawson-Hamilton Commercial College.....	1	2	15	296		10-12
VIRGINIA							
Richmond.....	Smithdeal Business College.....	1	30	18			12-24
Roanoke.....	Roanoke National Business Col- lege.....	35	33	12	93		9-10
Staunton.....	Dunsmore Business College.....	3	56	12	75		9

¹ If completed in the prescribed time.

TABLE 16.—Students, tuition fees, and time required for completing secretarial course in commercial and business schools in 1917-18—Continued.

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
WASHINGTON.							
Seattle.....	Hyatt-Fowells School of Commerce.	7	40	\$15	\$100	\$6	7½
WEST VIRGINIA.							
Clarksburg.....	West Virginia Business College.....		20	15	75		16
WISCONSIN.							
Appleton.....	Appleton Business College.....		50	12			
Green Bay.....	Badger Commercial College and Telegraph School.....		3	15	75		24
Janesville.....	Janesville Business College.....	1	48	15	130		14-18
Merrill.....	Merrill Commercial College.....	21	15	14	85		
Milwaukee (102 Broadway and Wisconsin).	Spencerian Business College.....		94				

TABLE 17.—Students, tuition fees, and time required to complete the course in salesmanship in commercial and business schools in 1917-18.

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
CALIFORNIA.							
Berkeley.....	Berkeley Business College.....	8	7	\$10	\$50	\$5	4-6
Chico.....	Heald's Business College.....	1		15	1 90		
San Francisco (220 Golden Gate Ave.).	Y. M. C. A. (commercial department).	24				4	
Santa Ana.....	Orange County Business College..	6	6	15	2 125	7	12
COLORADO.							
Denver.....	Y. M. C. A. Business School.....					3 4	
CONNECTICUT.							
Hartford.....	Hillyer Institute, Y. M. C. A.....		27		4 30		
Do.....	Merchants and Bankers Business School.	12	3	15		5	
ILLINOIS.							
Cairo.....	Brown's Business College.....	3	3	13	36		
Chicago (19 S. La Salle St.).	Central Y. M. C. A. Institute (commercial department).	70			5 20		
Chicago (33-37 W. Jackson Blvd.).	Chicago Business College.....	20	130	12	63	6	
Chicago (1621 W. Division St.).	Y. M. C. A. Commercial High School.	4			36	2	
East St. Louis.....	Summers' College of Commerce ..	3		10	60		6
Flora.....	Orchard City College.....	21	36	612			7
Moline.....	Brown's Business College.....	10	12	15	25	6	2½
Sbellyville.....	Sparks' Business College.....	50	125	12			

¹ Tuition fee for 8 months.

³ Lesson one night each week.

⁵ Tuition fee for 17 weeks.

² Tuition fee for one year.

⁴ Tuition fee for night course.

⁶ Includes books and supplies.

TABLE 17.—*Students, tuition fees, and time required to complete the course in salesmanship in commercial and business schools in 1917-18—Continued.*

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Wom-en.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
INDIANA.							
Indianapolis.....	Y. M. C. A. Night School (commercial department).	19			\$20		3
New Albany.....	New Albany Business College.....	14	36	\$13	34		2½
Richmond.....	Richmond Business College.....	32	49	15		\$6	3
IOWA.							
Waterloo.....	Waterloo Business College.....	26	81			8	
KANSAS.							
Abilene.....	Central Kansas Business College..	26	2	9	30		4
KENTUCKY.							
Louisville.....	Y. M. C. A. Schools (commercial department). ¹	36			20	5	5
MAINE.							
Portland.....	Shaw Business College ²	61	85	13		6	
MARYLAND.							
Baltimore (Franklin and Cathedral Sts.).	Association Institute (commercial department).	13			25		8
MASSACHUSETTS.							
Springfield.....	Y. M. C. A. (commercial department). ¹	16			28		2½
Worcester.....	Northeastern College, School of Commerce and Finance. ¹	22			23		4½
MICHIGAN.							
Big Rapids.....	Ferris Institute (commercial department).	25	2	10	75		9
Detroit (Grand Circus Park).	Detroit Institute of Technology..	24			35		8½
Ironwood.....	Ironwood Business College.....	8	44	10	50		6
Lansing.....	Lansing Business University.....	19	14	8	18		2½
MINNESOTA.							
Albert Lea.....	Albert Lea Commercial College..	24	3	15	60	7	5-7
Austin.....	University of Southern Minnesota (commercial department).	3	12	10	80	10	
Minneapolis (44 S. 10th St.).	Central Branch Y. M. C. A. (commercial department).	32			30		
St. Paul.....	Y. M. C. A. Night School (commercial department).	21				13	
Winona.....	Winona Business College.....	6	22	5	30		6
MISSOURI.							
St. Louis (Grand and Franklin).	Ralph Sellow Institute Y. M. C. A. (commercial department). ¹	22			15		5
NEBRASKA.							
Omaha.....	Y. M. C. A. Night School (commercial department).	33			30	6	6
NEW JERSEY.							
Camden.....	Y. M. C. A. Institute (commercial department). ¹	14			15		4
Newark (111 Halsey St.).	Y. M. C. A. (commercial department).	21			13		2

¹ Night school.² Includes one branch school.³ Tuition for night course.⁴ Tuition for 17 weeks.

TABLE 17.—Students, tuition fees, and time required to complete the course in salesmanship in commercial and business schools in 1917-18—Continued.

Location.	Name.	Students.		Tuition fees in—			Months required for completing day course.
		Men.	Women.	Day course per month.	Day course for entire course.	Night course per month.	
1	2	3	4	5	6	7	8
NEW YORK.							
Brooklyn (1121 Bedford Ave.).	Bedford Branch Y. M. C. A. School (commercial department). ¹	63			\$23		7½
Brooklyn (55 Hanson Place).	Marquand School.....	79			² 25		
Buffalo (Mohawk and Franklin Sts.).	Association Institute, Y. M. C. A..	13				\$5	6
Jamestown.....	Jamestown Business College.....	55	125	\$12			4
New York (215 West 23d St.).	Chelsea School.....	67			² 25		4
New York (36 West 123d St.).	Eastman-Gaines School.....	100	50				3-5
Peekskill.....	Peekskill Business College.....	19	11	12	40	6	10
NORTH CAROLINA.							
Durham.....	Durham Business School.....	5	8		25		3
OHIO.							
Ashtabula.....	Ashtabula Business College.....	4	2	13	50	5	4
Dayton.....	Y. M. C. A. Institute (commercial department). ¹	32			25		14
PENNSYLVANIA.							
Mahanoy City.....	McCann's School.....	15	20				8-10
Philadelphia (723 Chestnut St.).	American Business College.....	8	20	10	100	5	10-12
Pittsburgh (132 Stanwix St.).	Duff's College.....	13	8	15		7	4
Wilmerding.....	Y. M. C. A. Evening School (commercial department).	15			15		6
TEXAS.							
Dallas.....	Y. M. C. A. Evening School (commercial department).	23			20		5
Houston.....	Y. M. C. A. Schools (commercial department).	28			15		4
Tyler.....	Tyler Commercial College.....	692	614		10		1
WASHINGTON.							
Aberdeen.....	Grays Harbor Business College.....	18	160	15	60		4
Seattle.....	Y. M. C. A. School (commercial department).	125			³ 50		4
WEST VIRGINIA.							
Charleston.....	Capital City Commercial College.....	6	10	6			
WISCONSIN.							
Green Bay.....	Badger Commercial College and Telegraph School.....	25	41		25		6
Janesville.....	Janesville Business College.....	13	5	15	130		
Rice Lake.....	Potter Business College.....	9	25	12	72		6

¹ Night school.² Tuition fee, night school.³ Tuition fee for entire course in night school.

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18.

Location.	Institution.	Teachers				Students enrolled.				Average daily attendance.		Hours per day.	
		In day courses.		In night courses only.		Total		Day school.	Night school.	Day school.	Night school.		
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALABAMA													
Birmingham	Massey Business College.....	2	5	205	761	15	25	220	786	295	30	5	2
Do.	Southern Business College.....	3	1	1	24	7	8	8	32	22	13	5 1/2	2 1/2
Do.	Wheeler Business College.....	3	6	152	553	102	100	254	633	165	35	6	2
Dotham	Campbell Institute of Shorthand and Accounting	1	2	53	94	2	4	53	36	45	7	7	2
Florence	Florence Business College.....	1	1	6	32	2	2	8	34	20	3	6	2
Mobile	Ebeloff Private School of Shorthand and Typewriting.	2	2	15	117			15	117			5	2
Do.	Mobile Business College.....	1	2	50	300	70	100	120	400	30	15	5 1/2	2
Do.	Draughton's Practical Business College.....	2	4	49	202			49	202			6	2
Montgomery	Do.....	2	3	110	300	15	15	125	315	175	15	6	2
Do.	Massey Business College.....												
Phoenix.....	Lamson Business College.....	2	4	50	269	41	50	91	319	89	37	6	2
ARIZONA													
ARKANSAS													
Conway.....	James Business College.....	1	1	34	38	8	2	42	40	28	5	8	2 1/2
Fort Smith	Draughton's Practical Business College.....	3	3	100	290			100	290	200	6 1/2	7	2
Do.	Fort Smith Commercial College.....	1	1	27	135	5	15	32	150	55	12	7	2
Little Rock	Draughton's Practical Business College.....	5	10	219	486	53	66	272	552	325	60	6	2
Do.	Draughton's Practical Business College.....	3	1	24	126	10	27	34	133	85	7	6	2
Pine Bluff.....	James Business College.....	1	1	8	56	11	27	19	83	40	15	5	2
Siloam Springs	Siloam Springs Commercial College.....	1	1	5	42			5	42	22		6	2
CALIFORNIA													
Berkeley.....	Berkeley Business College.....	2	4	7	195	49	69	56	264	45	30	6	2
Chico.....	Heald's Business College.....	1	6	19	87	26	54	45	141	50	45	6	2
Fresno.....	Heald's Fresno College.....	4	5	82	364	58	126	140	490	200	40	6	2
Glendale.....	Glendale Commercial School.....	4	5	1	35	9	5	10	40	20	5	5	2
Los Angeles (625 S. Hope St.)	California-Brownsberger Commercial College.....	6	4	161	519	30	50	191	569	375	50	5 1/2	2

	1	2	9	262	11	77	20	339	51	15	5	2
Los Angeles (602 Chamber of Commerce Bldg.)	1	2	9	262	11	77	20	339	51	15	5	2
Central Business College												
Coast College of Lettering	1		10	10	3		13	10	5	3	8	2
Hollman Business College	3	5	85	215	35	145	120	300	130	40	6	2
Mackay Business College	4	6	75	673	24	214	99	887	118	35	6	3
Santa Fe Telegraph School (Ave.)	1	1	16	64			16	64	26		6	
School of Commerce, Accounts and Finance, Southwestern University	12				77	18	77	18		20		1
Shorthand Institute		1	2	13	1	4	3	17	11	5	5 1/2	2
Willis-Woodbury Business College	2	7	104	560	48	80	132	640	200	35	5 1/2	2
Napa Business College	1	1	14	34	8	33	22	87	35	10	6	2
Herald's Business College	3	7	50	289	40	200	90	489	312	235	6	2
Pott's Business College	1	5	47	310	57	124	104	434	114	45	5	2
Pomona Business College	1	1	9	61	4	6	13	67	21	6	5 1/2	2
Herald's Business College	5	7	100	320	80	200	180	520	200	60	5 1/2	2
California Commercial College	2	5	35	269	39	61	60	330	130	18	8	2
Kelsey-Jenny Commercial College	2	4	51	275	25	46	90	321	20	20	6	2
San Diego Business & Academic College	1	2	40	20	14	12	54	32	56	18	6	2
Chicago Business College		5		100		50		150	60	30	5 1/2	2
Herald's Business College	24	20	1,600	1,700	1,500	1,900	3,100	3,600	3,000	2,900	6	2
Munson School for Private Secretaries	1	18	56	1,174	74	554	130	1,728	500	175	6	2
School of Accounts	1	1			40	33	40	33		12		2
Success Commercial Academy	1	4	10	56	20	64	30	120	40	40	6	2
Herald's Business College	4	4	74	436			74	436			5	2
Orange County Business College	2	2	35	90	17	58	52	148	65	28	6	2
Santa Barbara Business College	1	2	18	88	21	52	39	140			5 1/2	2
Santa Rosa Business College	2	3	56	167	23	34	79	201	140	30	6	2
COLORADO.												
Boulder	2	2	38	95	23	34	61	129	55	20	5 1/2	2
Canon City	1	2	8	63	10	9	18	72	20	8	5 1/2	2
Colorado Springs	6	6	54	197	42	76	96	273	100	50	5 1/2	2
Delta	1	2	12	33	15	21	21	48	30	18	7	2 1/2
Denver	8	20	200	948	125	295	325	1,243	400	175	5 1/2	2
Do.	3	7	150	100	130	300	300	400	175	90	5 1/2	2
Do.	3	3	234	82	79	313	182	107	27	27	5 1/2	2
Do.	3	3	75	125	15	35	90	160	100	15	5 1/2	2
Do.	1	6	16	114			16	114			6	2
Grand Junction	3	2	40	175	20	15	30	190	110	20	6	2
Greeley	1	2	23	67	7	13	30	80	40	10	6	2
Pueblo	1	6	15	190	45	60	60	250	80	50	5	2
Trinidad	2	1	30	90	10	10	40	100	110	15	5	2
Colorado State College of Business												

TABLE 18.—Teachers, students, and attendance in private non-denominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.				Students enrolled.				Average daily attendance.		Hours per day.	
		In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.		
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
CONNECTICUT.													
Bridgport.....	Bridgport Business College.....	4	.....	9	77	29	48	38	125	48	37	5	2½
Do.....	New Gruchess College and Secretarial School.....	2	5	14	62	32	138	46	200	50	75	4½	3
Danbury.....	Danbury Shortland School.....	.....	1	.....	18	.....	.....	.....	18	.....	.....	4	.....
Derby.....	Derby Business College.....	1	4	7	23	19	37	26	60	25	50	5	2
Hartford.....	Connecticut Business College.....	2	6	17	43	20	73	37	116	38	41	5	2
Do.....	Huntington Business School.....	3	8	25	175	37	177	62	352	150	125	5	2
Do.....	Merchant's and Banker's Business College.....	2	2	20	30	20	40	40	70	40	60	5	2
Do.....	Modern Business School.....	1	5	6	41	4	26	10	67	44	24	5	2
Do.....	Morse Business College.....	7	7	88	126	82	106	170	232	200	100	6	2
Do.....	Winslow's Select Shortland School.....	1	1	2	38	2	39	4	77	15	10	5	2
Meriden.....	Pequod Business School.....	1	5	3	72	28	85	31	157	45	104	5½	2
Middletown.....	Middletown Business College.....	1	3	14	74	49	59	63	133	40	50	5	2
New Britain.....	Hardware City Business College.....	1	1	5	12	12	18	17	30	12	24	5	2
Do.....	Smith Business School.....	1	3	2	30	20	76	22	106	28	90	5	2
New Haven.....	Connecticut Business University and School of Tutoring.....	3	.....	12	39	19	35	31	74	32	41	6	2½
Do.....	Royal Business College.....	1	1	10	32	25	100	35	132	35	50	4	2
Do.....	Stebbing Commercial School.....	2	4	6	105	26	124	32	229	34	42	4, 6	2
Do.....	Stone Business College.....	3	5	50	206	48	115	118	321	101	90	6	3
New London.....	New London Business College.....	3	2	12	142	2	90	14	241	101	55	5½	3
Norwich.....	Norwich Commercial School.....	1	4	10	59	28	59	38	109	60	50	5	2
South Norwalk.....	Merrill Business College.....	1	2	15	68	84	75	99	143	.....	.....	6	2
Stamford.....	Lee's Commercial College.....	1	2	2	31	10	52	12	83	14	30	5	2
Waterbury.....	Booth and Bayliss Commercial School.....	1	3	14	27	14	55	25	45	5	25	4	2½
Do.....	Waterbury Business College.....	3	9	31	206	117	301	148	507	135	200	4½	2½
DELAWARE.													
Wilmington.....	Beacon Business Colleges.....	9	10	111	333	244	242	375	575	200	250	5½	2
Do.....	Galdy College.....	6	5	200	320	445	130	645	450	200	225	5½	2

DISTRICT OF COLUMBIA.

Washington (12th and F Sts. NW.)	22	18	86	494	421	555	507	1,049	120	167	5½	2
Washington (417 G St. N.W.)	3	15	44	304	469	1,070	513	1,374	300	450	5½	2½
Washington (1321 G St. N.W.)	5	6	61	237	211	335	272	572	40	90	5	2½
Washington (311 E. Capitol St.)	2	7	56	215	241	536	297	751	.....	.....	5½	2½

FLORIDA.

De Land	1	2	24	81	7	18	31	119	.....	.....	5	2
Jacksonville	1	3	56	173	16	15	72	188	75	25	6	2
Lakeland	1	3	15	53	4	9	19	62	35	6	5½	2
Miami	2	8	50	400	50	100	100	500	180	75	5	2½
Oriando	1	1	17	95	26	23	43	118	52	14	5	2
St. Petersburg	1	1	11	54	5	10	16	64	12	3	5	2
Do	1	1	5	50	5	10	10	60	20	10	5	3
Tampa	2	4	206	327	68	41	274	368	212	57	5½	2

GEORGIA.

Athens	3	2	55	160	.....	.....	55	160	95	.....	.....	.....
Atlanta	2	3	36	138	15	18	51	156	75	20	7½	2
Do	4	2	35	315	15	35	50	350	200	15	6½	2
Do	.....	.....	15	135	35	15	50	150	40	10	3½	2
Do	5	6	201	670	23	57	224	727	337	16	7½	2
Augusta	2	.....	30	40	.....	.....	30	40	58	.....	7	.....
Do	5	.....	160	.....	.....	.....	160	.....	140	.....	4½	.....
Columbus	1	2	62	100	.....	.....	62	100	62	.....	5-7	.....
Macon	4	4	185	243	.....	.....	185	243	230	.....	7	.....
Newnan	2	.....	74	.....	.....	.....	74	20	20	.....	6	.....
Valdosta	2	6	58	84	.....	.....	58	84	55	.....	7	.....

IDAHO.

Idaho Falls	1	3	32	98	8	45	40	143	60	20	8	2
Lewiston	1	1	10	70	.....	.....	10	70	75	.....	8	.....
Moscow	1	1	21	66	14	16	35	82	.....	.....	6	2
Twin Falls	1	1	.....	20	4	10	4	30	30	15	8	2

ILLINOIS.

Alton	3	3	88	97	118	99	206	196	70	94	6½	2
Aurora	1	1	1	9	6	15	7	24	8	14	6	2
Belleville	2	3	32	80	26	96	58	176	50	60	5½	2
Belleville	3	1	42	62	34	27	76	89	72	30	6	2
Belleville	1	2	37	75	35	46	72	121	34	22	6	2
Chicago (5707 Lake St.)	1	1	8	27	7	13	10	40	28	18	5½	2
Chicago (1145 Blue Island Ave.)	2	2	6	27	2	20	8	47	20	20	6	3
Chicago (64 W. Randolph St.)	3	10	190	40	40	160	50	350	50	25	5	2
Chicago (33-37 W. Jackson Blvd.)	2	5	5	27	4	89	9	116	60	70	6	2

TABLE 18.—Teachers, students, and attendance in private non-denominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
		Men.	Wom- en.	In day courses.		In night courses only.		Total.	Day school.	Night school.	Day school.	Night school.	
				Men.	Wom- en.	Men.	Wom- en.						Men.	Wom- en.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ILLINOIS—Continued.													
Chicago (4732 Irving Park Block).	Columbia Business College, Irving Park	1	4	36	123	35	76	71	199	151	105	5½	2
Chicago (6233-35 Halsted St.)	Englewood Business College	4	6	105	517	25	135	130	652	350	100	6	2
Chicago (6 N. Michigan Ave.)	Gregg School	3	9	119	896	340	478	459	1,374	350	250	5½	2
Chicago (1542 W. Madison Ave.)	Illinois Business College	2	5	14	153	32	118	46	271	150	125	6	2
Chicago (1208 East 63d St.)	MacCormac School	2	5	56	219	95	130	151	349	125	90	6	2
Chicago (37 S. Wabash Ave.)	Metropolitan Business College	19	22	378	1,554	659	1,375	1,037	2,929			5½	2
Chicago (616 S. Michigan Ave.)	National Institute of Secretaries	2	2	50	1	20	19	20	20	12	10	6	2
Chicago (1632 Milwaukee Ave.)	Northwestern Business College	1	6	75	253	67	160	140	413	154	140	7	2
Chicago (6309 Yale Ave.)	Orr's Business College	3	6	73	242	37	94	110	336	160	60	6	2
Chicago (1131-40 Wilson Ave.)	Pierson Business College	3	7	110	410	99	188	209	608	240	187	6½	2
Chicago (4305 Grand Blvd.)	Select School of Shorthand and Typewriting	9	1	3	47	5	45	8	92	96	119	5½	2
Chicago (64 W. Randolph St.)	Success Shorthand School	2	2	80	218	194	194	274	412	96	119	5	2½
Chicago (Pulman Station, 11, 112 S. Michigan Ave.)	Trook's Commercial School	1	3	18	108	47	60	65	168	40	35	5½	2
Chicago (122 S. Michigan Blvd.)	Walton School of Commerce	8				255	66	255	66	60			2
Chicago (638-640 West 55th St.)	Watson's Business College	1	4	69	134	47	74	116	208	135	75	5½	2
Chicago Heights (92 Illinois St.)	Chicago Heights Business College	1	1	9	43	10	22	19	65	40	20	5½	2
Panville	Brown's Business College	3	5	60	208	90	154	150	362	100	100	8	2
Decatur	Brown's Decatur Business College	2	6	109	242	110	171	219	413			7½	2
Do.	Lyon Business College	3	3	92	75	31	55	53	130	35	30	6	2
East St. Louis	Brown's Business College	2	3	46	190	110	108	136	298	83	64	6	2
Do.	Summers College of Commerce	4	5	22	150	40	73	62	223	85	70	5	2
Evanston	Evanston Business College	1	2	16	107	19	73	35	180	40	35	5	2
Do.	Watson Business College	2	2	10	70	15	55	25	125	35	25	6	2½
Flora	Orchard City College	2	2	21	36			21	36	48		7	2
Freeport	Brown's Business College	1	2	29	57	17	32	46	80	50	30	8	2
Galesburg	do.	1	2	109	257	25	106	134	363	150	40	6½	2
Kankakee	do.	1	4	40	147	44	66	84	213	85	50	8	2½
La Grange	Paterson Business Institute	1	2	3	87	31	59	44	146	40	35	5	2
Litchfield	Litchfield Business College	1	1	4	23	8	12	12	35			6	2

Mattoon.....	1	4	25	103	13	36	38	139	71	21
Moline.....	1	3	21	162	31	63	55	87	60	3
Murphysboro.....	1	2	4	59	11	26	15	75	20	2
Olney.....	1	3	25	52	8	15	33	57	50	2
Ottawa.....	1	3	23	40	19	39	42	79	40	2
Peoria.....	1	1	27	1	1	27	1	27	25	2
Quincy.....	9	14	419	689	51	63	125	639	500	2
Rockford.....	2	4	75	219	25	35	50	130	70	3
Rock Island.....	1	2	25	95	25	35	50	130	70	3
Shelbyville.....	3	4	50	125	96	290	165	526	110	2
Springfield.....	2	6	69	226	82	121	120	212	100	2
Do.....	1	3	38	121	82	121	69	150	63	2
Sterling.....	1	4	62	127	7	23	69	150	63	2
Waukegan.....	1	4	32	60	43	54	75	114	65	21
INDIANA.										
Anderson.....	1	1	27	88	16	50	43	138	30	2
Aurora.....	1	1	11	29	10	21	50	35	20	2
Bedford.....	1	2	4	30	6	10	10	40	20	2
Brazil.....	2	1	32	83	32	36	61	119	55	2
Columbus.....	1	1	2	41	10	23	12	61	15	2
Crawfordsville.....	1	1	12	25	9	9	12	31	35	2
Elkhart.....	2	2	30	75	5	25	35	100	45	2
Evansville.....	4	3	69	417	18	52	87	469	350	3
Fort Wayne.....	7	3	225	525	120	280	345	805	400	2
Frankfort.....	3	6	6	63	2	39	8	102	14	2
Indianapolis.....	5	12	222	687	151	346	373	1,033	325	2
Do.....	1	2	5	70	12	12	13	82	25	2
Jeffersonville.....	1	1	9	40	33	62	42	102	18	2
Kokomo.....	1	1	21	80	8	29	29	109	45	2
La Fayette.....	3	2	35	265	35	95	70	380	95	2
La Porte.....	2	3	35	7	15	10	25	12	58	2
Logansport.....	1	2	20	93	8	31	28	124	62	2
Marion.....	3	3	61	142	36	118	100	260	80	2
New Albany.....	3	2	25	226	50	45	75	271	85	2
Newcastle.....	1	1	12	41	12	55	24	98	40	2
Indianapolis.....	1	1	4	46	3	41	6	46	28	2
Noblesville.....	1	1	3	44	3	41	6	85	16	2
Peru.....	1	1	3	44	3	41	6	85	16	2
Richmond.....	2	2	46	140	15	43	61	182	53	2
Seymour.....	1	4	15	85	10	40	25	125	40	2
South Bend.....	1	2	8	24	4	22	12	46	29	2
Kelley Business School.....	3	3	83	321	27	27	110	358	210	2
South Bend Business College.....	3	3	83	321	27	27	110	358	210	2
Thomas School of Stenography and Typewriting.....	1	1	4	40	11	41	13	81	30	2
Do.....	2	2	2	40	11	41	13	81	30	2
Brown's Business College.....	2	5	50	275	25	205	75	481	180	2
Wabash Commercial School.....	2	5	50	275	25	205	75	481	180	2
Do.....	2	5	50	275	25	205	75	481	180	2
Dodge's Telegraph, Railway Accounting and Radio (wireless) Institute.....	7	3	490	110	.....	.....	490	110	175	.....
Vincennes Business College.....	1	2	30	90	23	47	53	137	31	2
Washington.....	3	9	9	36	11	12	20	48	30	2

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.		In day courses.				In night courses only.		Total.		Average daily attendance.		Hours per day.	
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Day school.	Night school.	Day school.	Night school.
IOWA.															
Belle Plaine.....	Belle Plaine Business College.....	1	1	2	16	5	13	7	29	16	15	5	2½		
Cedar Rapids.....	Cedar Rapids Business College.....	4	8	213	551				213	16	6	5½			
Chariton.....	Chariton Business College.....	1	1	6	16				6	7		5½			
Clinton.....	Clinton Business College.....	1	3	35	100	13	21	48	121			7			
Do.....	Boyle's Iowa College.....			41	149	41	79	81	228	64	30	6			
Council Bluffs.....	Hammill College and Business Institute.....	2	7	21	170	29	40	50	210	75	28	5½			
Davenport.....	Brown's Business College.....	3	5	214	340	91	95	305	435	170	55	7			
Do.....	Valder College.....	3	3	100	175			100	175						
Decorah.....	Capital City Commercial College.....	4	11	297	823	45	114	312	937	350	20	8			
Des Moines.....	Boyle's Business College.....	2	5	53	152	29	75	82	227	110	60	5½			
Dubuque.....	Fort Dodge Business College.....	1	2	19	98	10	15	19	98	45	20	7			
Fort Dodge.....	Fort Dodge Business College.....	2	2	45	60			45	75	125	20	6			
Fort Madison.....	Fort Madison Business College.....	2	4	72	160			72	160			7			
Iowa City.....	Irish's Business College.....	1	1	6	38	4	22	16	60	22	18	6½			
Keokuk.....	Tri-State Commercial College.....	1	3	80	270			80	270	180		6			
Mason City.....	Hamilton's University of Commerce.....	1	1	41	65	21	27	62	92	61		3			
Muscatine.....	Brown's Business College.....	1	3	14	88	6	42	20	130	30	35	5½			
Oelwein.....	Oelwein Business College.....	1	1	15	150	10	25	25	175	100	25	6			
Ottumwa.....	Oelwein Business College.....	1	1	15	150	10	25	25	175	100	25	6			
Do.....	Iowa Success School.....	2	7	87	323	58	160	145	483	180	50	6			
Sioux City.....	Ottumwa Commercial College.....	3	2	87	323	58	160	145	483	180	50	6			
Do.....	National Business Training School.....	3	7	87	323	58	160	145	483	180	50	6			
Waterloo.....	Waterloo Business College.....	4	4	119	283	37	77	156	360	143	18	7½			
KANSAS.															
Abilene.....	Central Kansas Business College.....	2	2	125	40	13	7	125	40	100	8	8			
Arkansas City.....	Arkansas City Business College.....	4	4	54	96			67	103	70	7	5½			
Chanute.....	Chanute Business College.....	1	3	25	112	20	19	45	131	56	21	6			
Coffeyville.....	Coffeyville Business College.....	2	2	30	192	21	89	51	281	76	24	5½			
Concordia.....	Concordia Normal and Business College.....	3	1	12	60			12	60	65		6			
Emporia.....	Emporia Business College.....	1	3	60	110			60	110	80		6			
Frederia.....	Frederia Business College.....	3	2	21	83			21	83	35		8			
Hutchinson.....	Salt City Business College.....	11	5	250	858	50	42	300	900	500	30	8½			

Iola.....	1	20	41	.....	20	41	.....	6	.....
Lawrence.....	3	204	189	10	21	165	20	8	2
Leavenworth.....	1	26	85	48	90	175	35	54	2
Manhattan.....	1	2	53	.....	.....	15	.....	8	.....
Newton.....	2	1	80	15	25	105	60	20	7
Ottawa.....	2	4	107	12	24	131	50	8	2
Parson's.....	3	6	160	15	25	100	20	8	2
Salina.....	13	11	506	35	10	309	516	350	7 1/2
Topeka.....	3	1	24	162	26	66	70	20	2
Do.....	2	1	62	71	.....	71	45	6	.....
Wichita.....	4	4	247	80	176	423	170	104	2
Do.....	1	3	230	35	215	485	35	6	2
Do.....	4	8	500	20	30	530	300	6	2
KENTUCKY.									
Covington.....	1	6	62	102	113	175	48	72	2
Danville.....	3	6	54	.....	.....	54	58	8	.....
Lexington.....	4	25	275	20	160	450	200	40	6 1/2
Louisville.....	3	46	355	86	132	425	176	62	2 1/2
Do.....	1	3	40	145	42	248	80	60	4 1/2
Do.....	2	25	134	24	48	182	40	25	6
Do.....	4	171	344	84	158	502	252	110	6 1/2
LOUISIANA.									
Baton Rouge.....	3	65	235	35	65	300	80	75	2
Lake Charles.....	1	2	126	25	18	144	50	15	2
New Orleans (407 Pythian Temple).....	1	2	96	18	30	126	.....	.....	3
New Orleans (613 Canal St.).....	2	1	12	24	33	36	81	30	2
New Orleans (603 St. Charles St.).....	12	15	430	625	198	1,055	727	800	5 1/2
New Orleans (723 Canal Bank Bldg.).....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shreveport.....	2	3	90	14	43	104	97	20	2 1/2
MAINE.									
Auburn.....	1	12	43	26	34	38	77	30	2
Augusta.....	1	1	39	9	22	21	61	40	2
Bangor.....	2	14	71	5	9	19	83	25	5 1/2
Do.....	1	4	7	4	4	8	11	6	2
Lewiston.....	2	2	40	31	23	71	73	130	2
Portland.....	3	5	69	.....	.....	69	211	105	5 1/2
Do.....	1	1	37	1	4	41	15	6	.....
Do.....	7	3	116	28	51	144	41	6	2
Rockland.....	2	11	54	.....	.....	383	54	36	5 1/2
Saco.....	2	26	62	.....	.....	80	62	80	5
Waterville.....	1	18	27	24	35	42	35	30	2

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
		Men.	Wom- en.	In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.
				Men.	Wom- en.	Men.	Wom- en.	Men.	Wom- en.				
1	2	8	4	5	6	7	8	9	10	11	12	13	14
MARYLAND.													
Baltimore (210 East 25th St.)	American Shorthand School	1				4	20	4	20				
Baltimore (345 North Charles St.)	Calvert Business College	1		10	140	25	50	35	190			4	2
Baltimore (9-11 West Baltimore St.)	Eaton and Burnett Business College	4		82	323	134	226	216	549	150	160	5	2
Frederick	Frederick City Night School	2				6	44	6	44		30		13
Hagerstown	Columbia College	1		42	90	20	36	62	135			6	2
Salisbury	Beacom Business College	1	2	40	98	15	33	55	131	74	18	5	2
MASSACHUSETTS.													
Boston (18 Boylston St.)	Boston School of Telegraphy	6	1	19	59	58	134	77	193	70	85	4	2
Boston (334 Boylston St.)	Bryant and Stratton Commercial School	15	21	369	822	208	357	577	1,179	750	375	5	2
Boston (136 Federal St.)	Burrough's Adding Machine Company's School	2			125	35	35	8	160	40	25	7	2
Boston (161 Massachusetts Ave.)	Chandler School for Women	11		1	48	7	32	8	80	27	39	5	2
Boston (Temple Place)	Clark School of Shorthand and Typewriting	2	4	24	105	65	248	89	353	47	100	4	2
Boston (899 Boylston St.)	Eastern Radio Institute	6		504	6	403	6	907	6	55	90	4	2
Boston (711 Boylston St.)	Franklin Academy		7	3	51	14	136	17	177	40	75	3	2
Boston (248 Boylston St.)	Higgins Commercial Machine School	1			271		229		500	77	33	7	2
Fall River	Pierce Shorthand and Secretarial School	5			100				100	75		6	
Do.	Fall River School of Commerce	1	5	30	81	39	59	60	131	105	75	5	2
Greenfield	Thibodeau Business College	3	6	47	62	101	59	148	121	104	137	5	2
Lawrence	Greenfield Commercial School	1	2	4	45	17	55	21	100			5	2
Lynn	Lawrence Commercial School	4	6	24	30	106	94	130	144	38	112	5	2
Malden	Lynn Branch Burdett Business College	3	2	41	136	56	44	97	180	81	36	5	2
Malden	Malden Commercial School	2	4	22	131	48	82	70	213	85	80	5	2
New Bedford	Benton's Business School	1	2	5	32	15	18	20	50	32	20	5	2
Do.	Kirby's Commercial and Shorthand School	1	3	27	56	42	79	69	135	70	75	5	2
Northampton	Northampton Commercial College	4	6	56	150	63	305	119	455	120	180	5	2
Pittsfield	Berkshire Business College	1	2	27	73	23	52	50	125	60	30	6	2
Do.	Pittsfield Commercial School	2	7	32	32	59	30	91	119	19	35	5	2
Springfield	Bay Path Institute	3	12	49	364	58	151	107	545	177	88	5	2

School Name	2	11	71	143	66	108	139	251	121	92
Springfield Civil Service and Commercial School.										
Mally School of Shorthand.	1	2	8	22	13	41	21	18	2	5
Taunton.	1	4	7	21	22	23	29	44	27	32
Worcester.	6	7	66	338	65	266	171	604	220	150
MICHIGAN.										
Brown's Business University.	1	2	43	44			43	44	60	52
Alpena Business College.		3	15	30	13	21	28	51	30	6
Cornell Shorthand School.	1	3	19	41	24	15	43	56	24	21
Michigan Business and Normal College.	3	1	58	100			350	100	112	71
Ferris Institute.	10	4	350	510	162	624	486	510	400	6
Business Institute.	6	18	324	1,249			886	600	250	2
Central Business College.	2	2	24	101	40	85	64	186	80	70
Cloverland Commercial College.	2	4	19	106	54	75	181	50	40	2
Escanaba.	2	4	108	280	97	135	205	415	130	52
Baker Business University.	4	8	14	46			14	46	50	2
Churchill's Business Institute.	4	4	14	46			14	46	50	2
Mellaghan Business University.	3	7	298	610	86	250	880	300	100	6
Twin City Commercial College.	3	3	18	46	12	46	30	92	45	21
Actual Business College.	1		8	22	5	12	13	34	12	3
Ironwood.	1		10	55	18	16	28	69	41	2
Ishpeming Business College.	1	1	5	30	5	10	10	25	10	2
Allen's Business College.	2	2	6	72	9	30	15	102	50	2
Jackson.	2	2	20	90			20	90	60	2
Do.	1	1	15	49	22	38	37	87	30	3
Kalamazoo.	1	2	13	56	168	14	25	100	25	6
Do.	2	4	56	204	35	61	91	265	92	2
Lansing.	2	3	56	204	35	61	91	265	92	2
Lansing Business University.	2	3	22	123	16	82	38	205	60	24
Parson's Business College.	1	1	7	18	3	27	10	45	16	15
Laurium Commercial School.	2	2	7	18	3	27	10	45	16	15
Ludington Business College.	1	1	8	30	9	26	17	56	15	61
Manistee Business College.	1	1	8	30	9	26	17	56	15	61
Manistee Business College.	1	1	8	30	9	26	17	56	15	61
Marquette Business College.	1	1	12	38	15	30	27	66	20	18
Monroe Business University.	2	3	8	38	43	36	51	74	20	51
Monroe.	2	3	8	38	43	36	51	74	20	51
Mt. Clemens.	1	1	19	43	3	12	22	55	29	5
Muskegon Commercial College.	1	1	3	87			3	87	90	6
Muskegon.	1	1	3	87			3	87	90	6
Owosso.	1	1	33	41	10	30	50	105	50	52
Owosso Business College.	1	1	33	41	10	30	50	105	50	52
Port Huron.	1	2	40	75			50	105	50	30
Port Huron Business College.	1	2	40	75			50	105	50	30
MINNESOTA.										
Albert Lea.	2	2	32	91	20	16	52	147	65	18
Austin.	4	5	65	142			65	102	203	10
Albert Lea Commercial College.										
University of Southern Minnesota (Commercial Department.)										
Bemidji.	1	1	3	10		7	3	17		6
Bemidji Business College.	1	1	3	10		7	3	17		6
Brainerd.	1	2	27	79	28	30	55	109	50	28
Brainerd Commercial College.	1	2	27	79	28	30	55	109	50	28
Crookston.	4	2	88	40	2	7	90	52	9	2
Crookston College.	1	2	6	49			6	49	20	7
Do.	1	2	6	49			6	49	20	7
Hughes Business College.	1	2	6	49			6	49	20	7
Duluth.	3	3	29	98	35	36	64	200	60	52
Duluth Business College.	2	7	53	461	39	121	92	582	200	54
Do.	2	7	53	461	39	121	92	582	200	54
Duluth Business University.	1	3	5	8	8	5	11	10	40	2
Do.	1	3	5	8	8	5	11	10	40	2
Parsons Business University.	9	7	670	460			670	460	600	55
Mankato Business and Commercial College.	4	4	125	215	25	35	150	250	125	3
Minnesota Business College.	4	4	125	215	25	35	150	250	125	3

1 School two nights per week.

TABLE 18.—Teachers, students, and attendance in private non denominational commercial and business schools reporting in 1917-18.—Continued.

Location.	Institution.		Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
			Men.	Wom- en.	In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.
					Men.	Wom- en.	Men.	Wom- en.	Men.	Wom- en.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
MINNESOTA—continued.														
Minneapolis (308 1st Ave. N.)	3	6	15	191	43	100	58	291	76	31	6 ¹ / ₂	2	
Minneapolis (840 Hennepin Ave.)	2	1	45	57	25	25	70	82	45	10	6 ¹ / ₂	2	
Minneapolis (920 Nicollet Ave.)	10	7	32	176	8	14	40	190	85	20	8	2	
Minneapolis (223 Nicollet Ave.)	2	64	.....	.....	.....	64	24	.....	.....	6	.....
Minneapolis (845 McKnight Bldg.)	1	1	3	17	.....	.....	3	17	10	.....	5	.....
Minneapolis (Lake St. and Chigo Ave.)	2	3	29	95	19	29	48	124	50	25	7	3	
Minneapolis (225 South 5th St.)	4	8	231	291	139	182	370	473	195	100	6	3	
Minneapolis (225 S. 5th St.)	2	2	65	131	15	15	80	146	.....	.....	6 ¹ / ₂	2 ¹ / ₂	
Minneapolis (Suite 445-453 Security Bldg.)	1	.....	6	32	.....	.....	6	32	10	.....	7	.....
Minneapolis (911 Hennepin Ave.)	3	2	13	79	44	166	57	245	42	64	5 ¹ / ₂	3	
Onatonna	1	1	20	30	5	9	25	39	43	12	6	2	
Do.	2	55	68	181	112	136	178	317	125	85	6 ¹ / ₂	3	
St. Paul	4	4	66	153	55	85	137	238	85	60	5 ¹ / ₂	2	
Do.	1	6	82	163	27	103	43	227	60	35	5 ¹ / ₂	3	
Do.	1	4	16	124	27	103	43	227	60	35	5 ¹ / ₂	3	
Do.	2	1	61	300	119	300	180	600	160	125	6	2	
Stillwater	1	1	30	35	12	19	42	54	30	12	5	2	
Willmar	4	2	43	67	8	15	51	82	75	23	6 ¹ / ₂	2 ¹ / ₂	
Winona	3	4	39	116	23	30	62	146	150	40	6	2	
MISSISSIPPI.														
Hattiesburg	2	1	15	45	.....	.....	15	45	25	.....	8	.....
Jackson	3	3	90	310	15	10	105	320	.....	.....	6 ¹ / ₂	.....
MISSOURI														
Boonville	1	1	50	10	10	10	60	20	50	15	7	2	
Cape Girardeau	2	4	52	172	47	42	99	214	72	23	7	3	
Carthage	1	1	35	35	2	11	5	46	12	3	8	2	

NEW MEXICO.												
Albuquerque.....	1	2	47	131	20	32	67	163	60	12	6	2
Roswell.....	3	3	17	89	7	11	24	103	20	6	6	2
NEW YORK.												
Albany.....	10	14	379	618	71	132	450	780	450	125	6	2
Do.....	1	1		30	5	10	5	40	30	15	31	2
Amsterdam.....	2	4	33	31	45	39	78	53	5	5	3	2
Auburn.....	1	3	21	61	12	18	33	79	40	15	5	2
Do.....	1	1		15	1	19	1	34	12	18	3	3
Batavia.....	3	3	2	50	1	5	49	50	48	6	6	3
Binghamton.....	1	4	17	119	32	34	2	133	65	30	5	2
Do.....	1	5	42	293	32	90	74	293	71	31	6	2
Brooklyn (2 Summer Ave.).....	3	7	50	250	100	130	150	400	200	50	2	2
Brooklyn (1317 Broadway).....	1	4	3	17	8	103	11	120	30	5	2	2
Brooklyn (65 Flatbush Ave.).....	1	4	173	816	671	725	844	1,542	400	457	5	2
Brooklyn (140 Fort Green Place).....	2	1	1	27	18	22	19	49	11	13	5	2
Brooklyn (895 Flatbush Ave.).....	5	2	15	110	40	160	55	270	65	70	4	2
Brooklyn (1297-1307 Fulton St.).....	3	15	150	450	150	450	300	900	250	45	2	2
Brooklyn (2582 Atlantic Ave.).....	2	3	50	100	75	75	135	175	150	5	2	2
Brooklyn (Manhattan and Greenpoint Aves.).....	3	3	33	133	65	267	98	400	153	282	4	2
Brooklyn (243-245 Vyseon St.).....	5	35	250	1,157	300	461	550	1,618	600	400	5	2
Brooklyn (319 Ninth St.).....	6	6	6	144	107	186	113	330	70	90	5	2
Brooklyn (143-149 South Eighth St.).....	4	6	38	208	107	185	145	393	100	125	5	2
Brooklyn (720 Hancock St.).....	2	6	21	164	65	194	86	358	60	80	5	2
Brooklyn (1800 E. New York Ave.).....	3	2	30	130	74	145	104	275	80	109	5	2
Brooklyn (1731 Pitkin Ave.).....	3	6	10	190	40	360	50	550	175	350	4	3
Brooklyn (Orange and Hicks Sts.).....	4	4				5	42	5		47	2	2
Brooklyn (287-291 Broadway).....	1	12	75	425	219	250	204	675	300	250	5	2
Buffalo (327 Washington St.).....	2	6	25	175	34	132	59	307	75	50	5	2
Buffalo (15 W. Swan St.).....	2	2	9	49	2	25	11	74	21	14	6	3
Corland.....	1	2	19	70			19	70	38	6	6	3
Elmira.....	2	6	75	261			75	261		5	5	2
Gloversville.....	2	2	28	70	23	30	51	100	55	38	5	2
Hempstead.....	4	2	2	51	8	32	10	88	25	15	5	2
Jamestown.....	2	3	77	224			77	224	110	51	2	2
Kingston.....	3	2	58	40	31	30	89	70	42	22	6	2
Do.....	3	3	56	118	42	30	98	155	100	40	5	2
Lockport.....	1	2	15	30	10	20	25	50	40	25	5	2
Do.....	1	2	20	40	15	25	35	65	56	35	5	2
Middletown.....	1	1	12	8	15	25	27	33	15	12	5	2
Do.....	1	3	14	67			14	67	40	40	5	2
Mount Vernon.....	2	3	26	153	36	82	62	235	68	47	5	2
Newark.....	1	1	8	30	8	18	16	48	20	12	5	2
New Brighton.....	1	3	30	112	21	49	51	161	70	25	5	2

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.				Students enrolled.				Average daily attendance.			Hours per day.		
		Men.		Wom-en.		In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
NEW YORK—continued.															
Newburgh.....	Spencertan Business School.....	2	2	81	126	61	100	142	226	115	81-	5	2		
New Rochelle.....	Westchester Commercial School.....	1	5	15	119	69	97	84	216	70	80	5	2		
New York (413 E. 138th St.).....	Accountants and Secretaries Business School.....	1	1	4	24	4	32	8	56	20	40	4	2		
New York (501 W. 145th St.).....	Arduon Commercial School.....	2	2	80	25	25	25	25	105	40	30	5	2		
New York (391 E. 149th St.).....	Bird's Business Institute.....	4	21	50	550	240	560	290	250	325	25	5	2		
New York (502 Tremont Ave.).....	Bronx Business Institute.....	3	4	12	156	86	142	98	298	84	133	5	2		
New York (830 Westchester Ave.).....	Bronx Commercial School.....	3	4	35	246	93	171	128	417	68	118	5	2		
New York (37 W. 39th St.).....	Miss Conklin's Secretarial School.....	7	8	225	225	225	275	425	775	85	350	4	2		
New York (Lenox Ave. and 123d St.).....	Eastman-Gaines School.....	1	3	239	200	200	200	439	122	25	40	5	4		
New York (11 W. 34th St.).....	Gafley's Business School.....	3	3	40	51	49	71	89	125	70	30	5	2		
New York (250 Madison Ave.).....	Institute of Commerce.....	2	5	90	35	49	35	127	297	103	95	5	2		
New York (2105 Seventh Ave.).....	Kell's School.....	3	3	33	151	94	146	127	297	103	95	5	2		
New York (116 W. 14th St.).....	Kimball Business School.....	6	18	300	602	400	521	700	1,123	300	300	5	2		
New York (37 East 58th St.).....	Merchants' and Bankers' Business School.....	1	1	17	31	25	61	42	92	17	28	5	2		
New York (3219 Third Ave.).....	Metropolitan School of Business.....	3	11	71	710	285	713	356	1,423	300	300	4	2		
New York (131 East 23d St.).....	Miller School.....	3	3	14	88	21	36	35	124	25	20	5	2		
New York (587 West 181st St.).....	Moon's Business School.....	1	1	40	160	30	130	70	290	35	25	5	2		
New York (50 East 42d St.).....	Moon's Shorthand and Secretarial Schools.....	1	1	22	90	46	70	68	160	26	30	5	2		
New York (Broadway and 66th St.).....	Mull's School.....	2	1	3	10	22	40	25	50	10	25	3	2		
New York (447 Lenox Ave.).....	New York Academy.....	1	6	8	158	50	199	58	357	70	90	5	2		
New York (1167 Madison Ave.).....	New York Commercial School.....	2	2	1	39	2	40	2	2	1	8	4	3		
New York (1135 Broadway).....	New York School of Accounts.....	1	5	3	140	6	11	9	151	75	8	4	3		
New York (33 West 42d St.).....	New York School of Secretaries.....	10	12	263	781	221	323	484	1,104	450	275	6	2		
New York (255 Lexington Avenue).....	Packard Commercial School.....	2	4	79	145	125	156	204	301	65	80	5	2		
New York (931 Broadway).....	Paine Upton Business School.....	2	2	45	45	45	45	45	2	47	47	3	3		
New York (32 Broadway).....	Post Graduate School of Accountancy.....	9	5	78	119	103	175	181	294	110	225	4	3		
New York (21 Ave. and 8th St.).....	Shulman School.....	3	3	200	200	200	200	400	250	125	130	5	2		
New York (453 Tremont Ave.).....	Tremont Business School.....	4	3	200	200	200	200	400	250	125	130	5	2		

New York (542 5th Ave.).....	5	4	121	3	27	7	148	50	20	5
United States School of Secretaries.....	3	4	114	15	37	62	187	55	45	2
Walworth Business Institute.....	1	2	62	49	58	85	120	50	52	2
Niagara Falls.....	2	3	28	4	12	11	15	15	12	5 1/2
Ogdensburg.....	1	7	23	21	9	44	63	40	25	2 1/2
Oswego.....	2	2	50	20	50	10	100	60	50	2 1/2
Peekskill.....	5	5	45	5	10	10	55	30	10	5 1/2
Rochester.....	8	12	638	352	539	570	1,177	400	300	2
Do.....	2	3	80	15	35	55	115	60	25	5 1/2
Schenectady.....	2	1	15	8	40	15	15	20	25	2
Southold.....	2	3	174	11	40	11	220	60	25	5 1/2
Stapleton.....	4	16	725	199	350	417	1,075	60	25	2
Syracuse.....	1	1	16	7	9	16	25	15	20	2
Do.....	4	4	300	127	200	275	500	95	50	2
Troy.....	4	4	148	16	48	33	114	50	20	5 1/2
Utica.....	1	2	66	16	10	10	40	25	8	3
Do.....	1	1	30	33	72	55	157	.....	.....	3
Yonkers.....	1	1	85	33	72	55	157	.....	.....	2
Hall's Business School.....	1	22	85	33	72	55	157	.....	.....	4 1/2
NORTH CAROLINA.										
Asheville.....	3	2	54	.....	.....	54	368	.....	.....	7
Buies Creek.....	1	.....	80	45	.....	80	45	45	.....	7 1/2
Charlotte.....	3	2	25	75	.....	25	75	50	6 1/2	2
Do.....	1	2	65	14	6	79	276	125	5	2
Do.....	3	2	270	47	57	73	116	50	40	2 1/2
Durham.....	1	4	59	47	57	73	116	50	40	6 1/2
Do.....	1	2	8	9	8	8	9	17	.....	7
National Training School.....	1	2	6	.....	8	2	14	6	8	3
Pool's School.....	1	1	2	.....	8	2	14	6	8	4
Elizabeth City.....	3	4	170	23	34	193	288	254	46	7
Raleigh.....	3	4	254	23	34	193	288	254	46	2
King's Business College.....	3	4	254	23	34	193	288	254	46	2
NORTH DAKOTA.										
Bismarck.....	2	2	87	106	.....	87	106	120	.....	2
Fargo.....	2	2	86	154	.....	86	154	100	.....	2
Aaker's Business College.....	4	1	80	61	3	80	64	70	3	2
Do.....	1	140	100	.....	140	100	100	100	.....	2
Union Commercial College.....	1	1	60	7	18	22	78	25	10	2
Minot College of Commerce.....	1	15	60	7	18	22	78	25	10	2
OHIO.										
Akron.....	4	3	307	140	161	197	468	165	100	6
Actual Business College.....	4	45	89	63	57	108	146	81	43	2 1/2
Do.....	2	21	88	35	20	34	108	75	25	5 1/2
Alliance Business College.....	1	2	61	35	43	79	104	46	29	2
Ashtabula.....	1	2	53	19	56	33	100	30	25	2
Cambridge.....	7	4	250	110	100	200	350	225	150	2
Cambridge Business College.....	7	4	250	110	100	200	350	225	150	2
Canton.....	1	10	45	53	201	98	554	30	35	2 1/2
Cincinnati (31 East 4th St.).....	1	10	45	53	201	98	554	30	35	2 1/2
Cincinnati (404-405 Durner Bldg.).....	1	4	42	6	44	8	86	30	35	5
Cincinnati (4th and Walnut Sts.).....	1	8	19	37	126	56	386	110	65	5 1/2
Cincinnati (528 Walnut St.).....	1	8	131	179	341	310	750	350	300	5 1/2
Miller School of Business.....	1	8	131	179	341	310	750	350	300	5 1/2

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.				Students enrolled.								Average daily attendance.			Hours per day.	
		Men.		Wom-en.		In day courses.		In night courses only.		Total.		Day school.		Night school.	Day school.	Night school.		
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14					
OHIO—continued.																		
Cincinnati (7th and Elm Sts.)	Nelson Business College	2	7	95	451	44	159	139	610	300	50	5	2					
Cincinnati (60 Hollister St.)	Williams Private Shorthand School	.....	.....	26	61	24	35	50	96	.....	.....	31	2				
Cleveland (514 Erie Bldg.)	Boyd Business School	1	2	19	118	15	60	34	178	50	45	51	2					
Cleveland (Ontario and St. Clair Ave.)	Cleveland Business University	3	3	110	220	50	40	160	260	250	65	51	2					
Cleveland (2182 East 9th St.)	Dyke School of Business	2	14	48	296	80	141	128	437	200	100	6	3					
Cleveland (5716 Euclid Ave.)	Lane Business School	1	4	4	125	14	66	18	192	40	40	5	2					
Cleveland (942 Prospect Ave. SE.)	Ohio Business College	1	3	50	125	25	50	75	175	150	50	51	2					
Columbus	Bliss Business College	.....	.....	200	650	62	180	262	830	320	50	6	2				
Do	Columbus Business College	4	4	53	400	.....	.....	53	400	250	.....	.....	6				
Do	Mann's Business Training School	3	2	28	120	32	180	60	300	65	55	51	21					
Do	Office Training School	6	8	100	500	75	125	175	625	250	90	51	3					
Do	Zanerian College of Penmanship	2	.....	10	50	.....	.....	10	50	25	.....	.....	6				
Conneaut	Conneaut Business College	.....	.....	6	13	7	34	13	47	6	10	5	2				
Dayton	Miami Jacobs Commercial College	4	4	185	492	218	355	403	847	200	225	51	3					
Elyria	Elyria Business College	2	2	18	90	30	45	48	135	70	65	6	2					
Greenfield	Greenfield Business College	2	1	28	57	7	9	35	66	41	10	5	2					
Greenville	Commercial Normal College	1	2	34	5	19	9	53	61	218	75	6	2					
Hamilton	Hamilton Business College	1	5	14	122	47	96	61	218	70	75	6	2					
Ironton	Lanham Business College	.....	.....	8	.....	1	16	5	24	12	18	5	2				
Lancaster	Columbia Commercial University	1	2	23	41	14	28	37	69	50	30	71	21					
Lima	Lima Business College	2	3	107	225	36	99	143	324	.....	.....	.....	.....	
Marietta	Marietta Commercial College	1	2	5	75	5	35	10	110	75	25	51	2					
New Philadelphia	Safford's Business College	2	2	12	38	15	37	27	75	.....	.....	.....	.....	
Oberlin	Oberlin Business College	5	3	95	212	.....	.....	95	212	150	.....	.....	.....		
Piqua	Ideal Business School	2	2	30	92	31	54	51	146	50	35	51	2					
Sandusky	Sandusky Business College	3	1	35	107	25	58	60	165	90	38	51	2					
Scioto	Scioto College	1	1	9	23	.....	.....	9	23	20	.....	.....	.....		
Steubenville	Steubenville Business College	3	1	32	145	52	88	84	233	98	64	6	11					
Tiffin	Tiffin Business University	3	1	27	117	8	7	35	124	94	116	6	11					

Toledo.....	4	2	75	375	70	200	145	575	200	150	5	3
Do.....	10	1	210	426	231	253	441	679	270	215	51	2
Urbana.....	1	1	14	35	7	.....	21	85	32	3	51	1
Warren.....	1	2	4	62	4	26	8	88	.....	.....	52	1
Yocum's Wooster Business College.....	1	1	4	86	8	14	20	100	50	15	5	2
Youngstown.....	2	4	43	148	19	84	62	232	60	40	5	2
Zanesville.....	3	4	92	110	23	57	115	167	102	51	6	2
OKLAHOMA.												
Ada.....	2	1	37	75	14	28	51	103	35	7	6	2
Amadarko.....	1	1	9	48	.....	.....	9	48	25	.....	5	.....
Chickasha.....	1	1	50	150	.....	.....	50	150	50	.....	81	.....
Metropolitan Commercial College.....	1	2	48	51	11	14	59	65	84	9	51	2
Enid.....	2	4	157	101	60	32	217	133	.....	.....	8	2
Empid Business College.....	1	3	340	40	10	10	350	50	100	10	8	2
Capital City Business College.....	2	4	140	330	10	20	150	350	175	30	6	2
Draughton-Lehman Business College.....	2	2	52	113	39	43	91	136	68	35	6	2
Okmulgee.....	2	2	17	80	10	16	27	96	30	7	51	2
Beeson Commercial College.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	51	2
Sapulpa.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	51	2
Tulsa.....	3	5	84	373	122	174	206	537	150	90	61	2
OREGON.												
Astoria.....	2	4	19	70	38	28	57	98	60	28	51	2
Baker.....	1	1	21	58	11	74	32	74	.....	.....	54	2
Baker Business College.....	2	2	30	169	3	29	33	198	61	19	6	2
Eugene.....	4	4	293	1,018	114	228	407	1,246	562	147	6	2
Beltnke-Walker Business College.....	1	3	19	192	31	94	50	286	80	40	8	2
Link's Business College.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PENNSYLVANIA.												
Allentown.....	4	3	52	85	68	49	120	134	.....	.....	5	2
Do.....	7	5	103	161	87	132	190	293	161	144	5	2
American Commercial School.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gladstone Business College.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	44	2
Zeth School.....	2	4	30	115	21	49	51	164	65	35	5	2
Beaver.....	1	2	25	80	55	30	80	110	50	51	51	2
Beaver Falls.....	2	3	28	77	49	66	77	143	70	92	51	2
Bradock.....	2	2	10	35	50	65	60	100	40	45	51	2
Greer Business College.....	1	1	22	31	20	23	42	54	.....	.....	6	2
Chalfant's Business College.....	1	2	25	110	5	15	30	125	100	12	6	2
Butler Business College.....	2	2	6	28	22	54	28	82	21	33	51	2
Carbondale Commercial Institute.....	2	3	48	146	12	60	60	206	148	50	51	2
Donelias Business College.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wunderlich's Commercial School.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russell's Business College.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Du Bois Business College.....	1	3	31	178	13	53	44	231	125	35	51	2
Prubois.....	5	5	70	171	101	120	171	291	110	92	5	2
Churchman Business College.....	5	3	23	127	68	122	91	249	150	150	6	2
Davis Shorthand and Business School.....	2	4	41	177	68	127	109	304	110	40	51	2
Erle Business College.....	2	4	18	151	28	62	46	213	70	40	6	2
Leech's Actual Business College.....	2	6	60	150	50	150	110	300	100	100	51	2
Beckley's Business College.....	2	1	18	72	14	51	27	153	45	40	5	2
Harrisburg Shorthand School.....	1	3	13	50	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	3	10	74	377	115	257	180	634	.....	.....	51	2
School of Commerce.....	1	5	20	60	20	80	40	140	50	75	5	2
Hazleton Business College.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
		Men.	Wom- en.	In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.
				Men.	Wom- en.	Men.	Wom- en.	Men.	Wom- en.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PENNSYLVANIA—continued.													
Indiana.....	Leech's Actual Business College.....	2	1	12	30	10	10	22	40	50	17	5 ¹ / ₂	2 ¹ / ₂
Johnstown.....	Cambria Business College.....	2	3	30	90	10	80	40	170	105	45	5	2 ¹ / ₂
Do.....	Rowe Business College.....	1	3	29	86	38	37	65	123	54	26	5 ¹ / ₂	2
Kingston.....	Wyoming College of Business.....	2	3	74	120	15	90	74	120	125	.....	6	.....
Lancaster.....	Lancaster Business College.....	3	2	25	90	15	90	40	180	65	60	5	2
Lansford.....	Panther Valley Business College.....	2	2	8	17	20	25	28	42	20	3	5	2
Larrobe.....	Leech's Actual Business College.....	2	2	12	38	20	61	32	99	45	70	6	2 ¹ / ₂
Lebanon.....	Lebanon Business College.....	1	1	60	55	20	15	80	70	75	25	5 ¹ / ₂	2 ¹ / ₂
Lock Haven.....	Lock Haven Business Institute.....	1	1	14	20	14	20	14	20	15	.....	5 ¹ / ₂	.....
McKeesport.....	Douglas Business College.....	2	4	50	160	30	65	80	225	150	80	5 ¹ / ₂	2
Do.....	Duff's College.....	2	2	25	162	17	78	42	240	150	60	5 ¹ / ₂	.....
Mahanoy City.....	McClann's School.....	1	3	25	45	35	35	60	65	50	5	5	2
New Bethlehem.....	New Bethlehem Business School.....	1	8	21	2	2	3	10	24	20	5	5	2
New Castle.....	New Castle Business College.....	3	1	74	94	28	102	102	196	125	90	6	2 ¹ / ₂
Philadelphia (123 Chestnut St.).....	American Business College.....	3	5	20	70	15	40	35	110	75	50	6	2
Philadelphia (3647 N. 6th St.).....	Erle Night School.....	1	2	.....	.....	3	27	3	27	20	20	.....	.....
Philadelphia (589 E. Allegheny Ave.).....	Kensington Business College.....	2	3	2	20	39	121	41	141	12	30	5 ¹ / ₂	2 ¹ / ₂
Philadelphia (16 S. 10th St.).....	Palmer School.....	3	9	46	142	101	211	147	353	150	225	5 ¹ / ₂	2
Philadelphia (420 Pine St.).....	Peirce School.....	30	15	355	925	619	639	974	1,564	675	675	5 ¹ / ₂	2
Philadelphia (1017 Chestnut St.).....	Philadelphia Business College.....	13	9	99	465	338	507	437	972	400	500	5	2
Philadelphia (21 S. 12th St.).....	Stein Business College.....	1	17	262	15	6	12	6	27	14	12	5	2
Philadelphia (801-807 Chestnut St.).....	Strayer's Business College.....	7	.....	.....	776	561	696	823	1,472	431	518	6	2
Philadelphia (1002 Market St.).....	Taylor Business School.....	3	6	50	150	50	150	100	300	100	100	4 ¹ / ₂	2
Philadelphia (103 Arch St.).....	United Telegraph School.....	3	.....	.....	.....	40	35	40	35	.....	30	.....	2 ¹ / ₂
Pittsburgh (5149 Penn Ave.).....	Bowers Private School.....	1	1	.....	.....	12	20	12	20	.....	32	.....	2 ¹ / ₂
Pittsburgh (631-535 Penn Ave.).....	Boyd Business College.....	3	3	43	130	20	75	63	205	47	30	6	2
Pittsburgh (Pa. Ave. and 5th St.).....	Duff's College.....	5	12	118	183	87	224	205	407	250	275	5 ¹ / ₂	2

	3	6	30	271	167	86	438	162	90	5	2
Pittsburgh (5th Ave. and Grant St.).											
Martin Shorthand School.....	1	7	61	305	264	127	569	175	140	5	2½
Miss Conley's School of Shorthand.....		3	56	178	152	172	330	125	150	5	2½
Park Institute.....	10	14	92	308	119	193	427	370	164	5	2½
Pittsburgh Academy.....											
Pottstown Business College.....	3	1	40	60	20	10	70	70	20	5½	2
McAnn's Business College.....	3	2	30	50	30	40	90	75	60	5	2
Stoner's Inter-State Commercial College.....	2	6	27	72	20	53	125	60	55	5½	2
Commercial Institute.....	2	2	6	32	29	42	74	22	29	5½	2
Scranton.....	6	8	202	438	163	211	649	350	180	5½	2
Shenandoah Business College.....	1	2	4	11	12	8	19	12	15	6	2
South Bethlehem Business College.....	11	1	74	178	180	144	322	16	15	5½	2
Sambury Business College.....	1	1		8	30	8	30	22	34	5	3
Towanda Business College.....	1	4	65	23	4	8	30	22	34	5	3
Hoff Business College.....	3	3	35	175	125	65	175	125	125	5½	
Washington Business College.....	1	1	35	70	35	70	100	100	100	7	
Waynesboro.....	1	2	28	34	32	27	60	61	5½	5	2
West Chester.....	3	3	1	24	4	11	5	25	14	5	2
Wilkes-Barre.....	4	11	50	100	100	150	250	90	125	5	2
Do.....	3			77	96	77	96	96	80	2	2
Wyoming Valley College of Business.....	2		61	89	18	34	79	123	25	5	2
Port's Shorthand College.....	2	2	75	175	25	100	200	125	25	5½	2
Williamsport.....	2	4	35	65	38	62	127	52	75	6	2½
York School of Business.....											
RHODE ISLAND.											
Pawtucket.....	4	6	21	50	101	119	169	10	4	5	2
Providence.....		2	15	59	11	48	107	10	4		
Do.....	23	21	246	583	357	603	1,218	348	472	5	2
Bryant and Stratton Commercial School.....	2	8	35	105	60	95	255	115	150	5½	2
Child's Business College.....	3	4		100			100	75			
Providence School for Secretaries.....	1	5	9	25	41	69	94	30	107	5	2
Sweeney School of Shorthand and Typewriting.....	3	6	49	129	85	134	224	100	119	5½	3
Woonsocket Commercial School.....											
SOUTH CAROLINA.											
Anderson.....	1	3	11	60		11	60	20		7	
Columbia.....	2	2	60	240	10	70	250	100	20	6	2
Newberry.....		1		16			16	12		5	
Spartanburg.....	1	2	40	102	4	44	107	65	8	6	2
Cecil's Business College.....											
SOUTH DAKOTA.											
Aberdeen.....	1	5	110	155	40	30	185	155	25	6	2
Dakota Wesleyan Commercial School.....	2	2	7	35	13	40	75	34	37	6	2
Rapid City Business College.....	1	2	28	42		28	42	24			
Mrs. Muller's Business School.....	2	2	7	128		7	128	35		5½	
Sioux Falls.....											
Watertown.....	2	3	25	150	10	40	190	100	30	6	2

TABLE 18.—Teachers, students, and attendance in private nondenominational commercial and business schools reporting in 1917-18.—Continued.

Location.	Institution.	Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
		Men.	Wom-en.	In day courses.		In night courses only.		Total.		Day school.	Night school.		
				Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.			Men.	Wom-en.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TENNESSEE.													
Chattanooga	Chattanooga Business College	2	3	30	120	51	59	81	179			5 ¹	2
Do.	Mountain City Business College	5	2	69	304	63	106	132	410			5 ¹	2
Dyersburg	Modern Business College	1	1	13	28			13	28	10		7	
Henderson	National Teachers' Normal and Business College	1	2	37	23			37	58	58		8	
Knoxville	Draughton's Business College	4	3	125	375			125	375	125		6	
Do.	Knoxville Business College	1	5	60	466			60	466	500		6	
Memphis	Draughton's Practical Business College	2	2	60	20			60	20	40		6	
Nashville	Draughton's Practical Business College	5	9	258	543			258	543	225		7	
Do.	Falls Business College	3	3	69	227			69	227	133		8	
TEXAS.													
Amarillo	Amarillo Practical Business College	2	2	46	146	13	25	59	171	80	22	6	2
Austin	Nixon-Clay Commercial College	3	4	75	276	25	40	100	316	150	35	6	2
Beaumont	New South College	2	4	60	200	40	100	100	300	100	60	8	3
Bowie	Bowie Commercial College	1	4	66	113			66	113	75		7	
Cleburne	Gordon's Commercial College	1	1	4	47			4	47	48		6	
Corpus Christi	Corpus Christi Business College	1	1	31	96	20	16	51	112			6	2
Dallas	Harrell's School of Business	1	2	14	166	12	18	26	184	60	15	6	2
Do.	Melbride Business School	2	2	5	127			5	127	25	6	6	2
El Paso	Draughton's Practical Business College	1	2	60	148	25	72	85	220	76	24	5 ¹	2
Do.	Falmore Business College	2	2	79	81	13	9	92	90	95	15	4	1
Fort Worth	National Business College	3	3	140	250	45	65	185	315	190	30	6 ¹	2
Galveston	Draughton's Practical Business College of Galveston	5	8	63	150	107	57	170	207	136	103	6	2
Greenville	Greenville Business College	2	5	15	85	15	45	30	130	40	30	5	2
Houston	Massey Business College	5	11	111	507	10	41	121	551	240	44	6	2
Do.	Texas Business Institute	1	2	18	100	9	28	27	128			6	2
Marshall	Marshall Business Institute	1	1	9	57	2	5	11	62	25	30	6	2 ¹
Paris	Paris Commercial College	4	2	205	200	23	31	228	231	90	10	6 ¹	2
Port Arthur	Port Arthur College	2	5	350	450	50	50	400	500	225	45	6	2

San Antonio.....	5	7	350	450	50	400	500	350	46	6	2
Do.....	1	3	55	88	24	79	116	60	20	61	3
San Marcos.....	1	1	32	29	.....	32	29	36	.....	7	.....
Texas.....	1	1	128	122	12	140	130	90	20	6	21
Tyler.....	15	13	1,170	1,038	.....	1,170	1,038	965	8	.....	.....
Vernon.....	2	3	50	75	.....	50	75	.....	.....	6	.....
Waco.....	3	2	125	275	25	150	300	200	30	61	21
Do.....	7	3	208	330	86	11	294	350	50	71	21
Weatherford.....	5	1	10	40	.....	10	40	38	.....	6	.....
Wichita Falls.....	1	1	35	185	20	35	220	57	12	6	2
Yokum.....	1	3	43	78	2	5	83	50	4	71	21
UTAH.											
Orderville.....	2	4	38	173	127	165	330	66	45	6	2
Salt Lake City.....	1	.....	.....	.....	3	3	3	6	6	.....	2
Do.....	1	3	17	107	30	47	174	45	30	51	2
VERMONT.											
Brattleboro.....	1	1	13	35	20	33	94	17	21	.....	2
Burlington.....	1	3	23	84	21	44	126	60	20	5	2
Rutland.....	1	4	51	113	40	91	160	76	42	5	21
Waco.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
VIRGINIA.											
Lynchburg.....	1	1	84	113	.....	84	113	75	.....	61	.....
Do.....	1	3	25	100	.....	25	100	80	.....	52	.....
Newport News.....	2	3	41	89	55	67	96	75	69	7	2
Norfolk.....	2	3	35	300	30	75	65	110	30	5	2
Petersburg.....	2	3	19	113	24	16	43	129	106	20	6
Richmond.....	4	9	98	320	44	57	142	377	148	37	51
Roanoke.....	4	7	173	486	.....	173	486	264	.....	51	.....
Staunton.....	3	2	73	58	.....	73	58	110	.....	6	.....
Do.....	1	3	16	77	.....	16	77	60	.....	6	.....
WASHINGTON.											
Aberdeen.....	2	2	18	160	60	78	200	48	25	51	2
Bellingham.....	1	1	20	128	13	36	33	164	16	6	2
Centralia.....	1	1	5	82	6	39	11	121	35	18	2
Seattle.....	1	2	14	202	25	69	40	271	56	27	5
Do.....	3	3	1	311	23	128	29	439	90	48	2
Do.....	1	1	63	.....	2	5	3	68	.....	6	2
Do.....	1	7	12	339	11	265	26	150	75	6	2
Do.....	4	.....	.....	.....	100	40	100	100	100	.....	4
Do.....	5	7	245	734	185	370	430	250	50	6	21
Spokane.....	4	6	124	489	.....	4	158	58	4	61	2
Do.....	4	.....	.....	.....	.....	124	489	204	.....	51	.....
Do.....	3	8	91	580	51	73	142	653	165	40	2
Do.....	1	.....	.....	.....	37	28	37	165	40	51	2

TABLE 18.—Teachers, students, and attendance in private non denominational commercial and business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.				Students enrolled.						Average daily attendance.		Hours per day.		
		Men.		Wom-en.		In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.	
		Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
WASHINGTON—continued.																
Tacoma.....	Beitel Business College.....	1	4	80	200	20	30	100	230	140	18	5	2			
Do.....	State Business College.....	3	3	70	79	18	33	88	112	100	26	5½	2			
Walla Walla.....	Walla Walla Business College.....	2	2	21	104	30	59	51	163	54	25	6	2			
Wenatchee.....	Wenatchee Business College.....	.....	4	20	118	12	14	32	132	45	10	5½	2			
WEST VIRGINIA.																
Bluefield.....	Bluefield Normal and Business College.....	1	.....	7	24	5	4	12	28	15	6	7	3			
Do.....	Summit City Business College.....	1	2	15	140	12	28	27	168	65	12	6	2			
Charleston.....	Capital City Commercial College.....	1	1	67	292	57	114	124	406	175	73	6	2			
Huntington.....	West Virginia Business College.....	1	3	40	150	20	50	60	200	175	75	5½	2			
Martinsburg.....	Bootho Business School.....	1	1	50	250	35	45	85	295	90	35	6½	2			
Wheeling.....	Martinsburg Business College.....	1	4	15	39	46	24	61	63	45	40	6	2			
	Elliott Commercial School.....	4	3	93	330	66	124	159	454	184	110	5½	2			
WISCONSIN.																
Appleton.....	Actual Business College.....	2	1	20	59	4	11	24	70	48	12	5½	2			
Do.....	Appleton Business College.....	2	3	75	255	.....	.....	75	255	140	.....	5½	.....		
Ashland.....	Gordon's Business College.....	1	1	12	56	6	12	18	68	40	10	0	2			
Baraboo.....	Baraboo Business College.....	1	2	9	77	3	38	12	115	30	15	6	2			
Faust Claire.....	Hunt's Business College.....	2	1	42	149	8	14	50	163	80	10	6	2			
Green Bay.....	Badger Commercial College and Telegraph School.....	3	1	25	41	4	20	29	61	50	20	6	2			
Do.....	Green Bay Business College.....	1	4	17	139	6	15	17	139	80	15	5	3			
Janesville.....	Jamesville Business College.....	1	3	9	114	.....	.....	15	129	69	.....	.....	.....
La Crosse.....	Wisconsin Business University.....	2	4	170	112	.....	.....	170	112	300	.....	5½	.....		
Madison.....	Capital City Commercial College.....	5	2	109	205	.....	.....	109	205	200	.....	5½	.....		
Do.....	Success Shortland School.....	.....	4	6	73	.....	.....	6	73	40	.....	.....	.....
Manitowoc.....	Manitowoc Business College.....	1	2	38	63	15	20	53	83	50	25	6½	2			
Marquette.....	Twin City Commercial School.....	1	1	18	83	19	58	37	141	50	20	6	2½			
Merrill.....	Merrill Commercial College.....	2	1	25	30	.....	.....	25	30	45	.....	.....	.....

Milwaukee (228 Third St.)	2	1	27	95	16	34	43	129	90	35	5	2½
Milwaukee (13 Cary Bldg.)	.....	6	5	352	.....	.....	5	352	.....	.....	5½	.....
Milwaukee (85 Onaída St.)	.....	2	.....	52	.....	13	.....	65	25	10	5½	2
Milwaukee (421-422 University Bldg.)	.....	2	6	11	5	10	11	21	15	10	7	2½
Milwaukee (n.e.cor. Wisconsin and Broadway Sts.)	.....	3	67	311	72	114	139	425	125	55	5½	2½
Milwaukee (89 Wisconsin and E. Water St.)	.....	1	12	13	20	.....	32	13	20	15	5	2
Oshkosh	.....	2	60	130	33	77	93	207	.....	.....	6½	2
Racine	.....	2	49	122	61	56	110	178	.....	.....	5½	2
Rice Lake	.....	1	9	25	7	16	16	41	20	17	5½	2
Waukesha	.....	1	5	14	7	9	12	23	8	14	6	2
Wausau	.....	2	85	111	.....	.....	85	111	78	.....	6½	.....
WYOMING.												
Cheyenne	.....	.....	2	70	20	20	30	90	40	15	5½	2
Sheridan	.....	1	35	75	15	25	50	100	60	25	5½	2

TABLE 19.—Teachers, students, and attendance in Y. M. C. A. and denominational business schools reporting in 1917-18.

Location.	Institution.		Teachers.		Students enrolled.						Average daily attendance.		Hours per day.		
			Men.	Wom-en.	In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.	
					Men.	Wom-en.	Men.	Wom-en.	Men.	Wom-en.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
ALABAMA.															
Birmingham	Y. M. C. A. Night School (commercial department)	2	.....	.....	.....	37	.....	37	.....	.....	29	.....	3		
Mobile	McGill Institute	1	17	.....	.....	31	.....	48	.....	.....	24	3½	2		
CALIFORNIA.															
Los Angeles	Y. M. C. A. of Commerce and Finance	5	364	.....	.....	145	.....	509	.....	45	30	5	2		
San Francisco	Y. M. C. A. School (commercial department)	8	40	.....	.....	200	.....	240	.....	20	60	6	2		

TABLE 19.—Teachers, students, and attendance in Y. M. C. A. and denominational business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.						Students enrolled.						Average daily attendance.		Hours per day.
		Men.		Women.		Total.		In day courses.		In night courses only.		Total.		Day school.	Night school.	
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
COLORADO.																
CONNECTICUT.																
Bridgeport.	Y. M. C. A. (commercial department).	2														
Hartford.	Hillyer Institute Y. M. C. A. (commercial department).	6		66	30	160		66	30		40		2			
Wilmington.	Y. M. C. A. Evening School (commercial department).	7				53					22					
DISTRICT OF COLUMBIA.																
Washington (1736 G St., NW).	Washington Commercial School (Y. M. C. A.).	6		330		330		330								
Do.	Washington School of Accountancy, Y. M. C. A.	9		200	18	230		200	18				2			
Augusta.	St. Patrick's Commercial Institute.	5		160		160					140		43			
GEORGIA.																
ILLINOIS.																
Belleville.	Cathedral Commercial High School.	1		29		29										
Chicago (19 S. La Salle St.).	Central Y. M. C. A. Institute (commercial department).	13		168		453		168			29		6			
Chicago (1456 Oakdale Ave.).	St. Alphonsus School (commercial department).		4	27		55					82		5			
Chicago.	St. Andrew's School.		12	43		43					43		5			
Chicago (2954 Archer Ave.).	St. Bridget's Commercial School.		1	43		43					35		6			
Chicago (521 N. Paulina St.).	St. Columbkille High School.		2	36		36					36		5			
Chicago (1633 Cleveland Ave.).	St. Michael's High School.		2	43		53					43		53			
Chicago (Canal St.).	St. Patrick's Commercial Academy.	2		497		497										
Chicago (3210 Athlinton St.).	Sears-Roebuck Y. M. C. A. Schools (commercial department).	15				43					26		3			
Chicago (1621 Division St.).	Y. M. C. A. Commercial School.	2				26							3			

INDIANA.										
Fort Wayne.....	2	18	19	18	19	37	5	2	5	2
Indianapolis.....	2	184	15	154	14	112	5 1/2	2	112	2
Richmond.....	2	30	15	30	14	25	5 1/2	1 1/2	25	1 1/2
South Bend.....	2									
KENTUCKY.										
Ashtand.....	2	8	45	8	45	45	6		6	
Bellevue.....	1	5	20	5	20	26	6 1/2		6 1/2	
Covington.....	1	33		33		32	5		5	
Louisville.....	3	8	144	17	161	45	7 1/2	2	10	2
Do.....	38	4	33	288	321	26	158	2	158	2
MARYLAND.										
Baltimore (Franklin and Cathedral Sts.).....	45	48	85	941	78	989	163	52	128	2
Do.....	2	20	15	20	5	40	20	50	16	2
Baltimore (727 N. Washington St.).....	1	5	15			5	15	20		4 1/2
Gardenville.....	2	9	14			9	14	20		4 1/2
MASSACHUSETTS.										
Boston (Sunnyside St., Roxbury).....	4	8	127			8	127	135		5
Boston (316 Huntington Ave.).....	2	45				45		40		5
Do.....	33			477		477		381		2
Do.....	2			338		338				3
Boston (Berkeley St.).....	2		110	70		180	60	45	5	3
Fall River.....	3	28				28		26		5 1/2
Lowell.....	2	43				43				
Melrose.....	2		22			22		19		4
Springfield.....	7			113		113		76		2
Watertown.....	3	18	65			18	65	76		5
Worcester.....	11	1		191		191		147		2 1/2
MICHIGAN.										
Detroit (Adams and Witherell Sts.).....	15	27		682		709				6 1/2
Detroit (61-65 Jay St.).....	5	122				122		110		5
Grand Rapids.....	2	3	15	50		50		29		2
Hancock.....	2	3	45			15	45	59		6 1/2

TABLE 19.—Teachers, students, and attendance in Y. M. C. A. and denominational business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.				Students enrolled.						Average daily attendance.		Hours per day.		
		Men.		Women.		In day courses.		In night courses only.		Total.		Day school.		Night school.		
						Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
MINNESOTA.																
Duluth.....	Y. M. C. A. Schools (commercial department).....	1				26		26			16			2		
Minneapolis (44 South 10th St.).....	Central Branch Y. M. C. A. (commercial department).....	3		35		162		197			20			6		
St. Paul.....	Y. M. C. A. Night School (commercial department).....	6				124		124			40			2		
MISSOURI.																
St. Joseph.....	Y. M. C. A. Schools (commercial department).....	1		6		5		5			5			1		
St. Louis (Grand and Franklin Aves.).....	Ralph Sellow Institute.....					200		206						5½		
St. Louis (441 Locust St.).....	Y. W. C. A. (commercial department).....		3		101		112		213					5	2	
Washington.....	St. Francis Borgia Commercial School.....		1	4	6			4	6	10				7½		
NEBRASKA.																
Omaha.....	Y. M. C. A. Night School (commercial department).....	3				100		100			42			2		
NEW JERSEY.																
Camden.....	Y. M. C. A. Institute (commercial department).....	3		14	34	50		14	34	50	39			2½		
Hoboken.....	School of Our Lady of Grace (commercial department).....		1								48			5		
Jersey City.....	St. Paul's Academy (commercial department).....		1		33				33		32			5		
Newark (111 Halsey St.).....	Y. M. C. A. (commercial department).....	12			89	441		441	89	441	50			3	2	
Newark (53 Washington St.).....	Y. W. C. A. (commercial department).....		3		54		23		77		18					
NEW YORK.																
Brooklyn (1121 Bedford Ave.).....	Bedford Branch, Y. M. C. A. Schools (commercial department).....	7				284		284			200			2		
Brooklyn (65 Hanson Place).....	Marquand School, Y. M. C. A. (commercial department).....	5		47		467		514		45	383			5½	2½	

TABLE 19.—Teachers, students, and attendance in Y. M. C. A. and denominational business schools reporting in 1917-18—Continued.

Location.	Institution.	Teachers.		Students enrolled.						Average daily attendance.		Hours per day.	
		Men.	Wom- en.	In day courses.		In night courses only.		Total.		Day school.	Night school.	Day school.	Night school.
				Men.	Wom- en.	Men.	Wom- en.	Men.	Wom- en.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PENNSYLVANIA—continued.													
	Philadelphia (41st St. and Westminister Ave.)	2		25	16	14	20	39	36	37	25	2	2
	Seranton	1				22		22			15		2
	South Bethlehem		1	9	22			9	22	30		5	
	Wilmerding	4	3	25			70	25	70	20	50	4	2
	Y. M. C. A. Evening School (commercial department).												
	RHODE ISLAND.												
	Central Falls	7		90				90					
	TEXAS.												
	Dallas	3				34		34			29		2
	Fredericksburg	1		12				12		12		6	
	Houston	3				60		60			18		
	UTAH.												
	Salt Lake City	8	8	150	625	204	290	354	915	310	154	7½	2
	VIRGINIA.												
	Portsmouth	2		17				17		17		5	
	Roanoke		2	4	14			4	14	16		5½	
	WASHINGTON.												
	Seattle	1	1	113		318		431		6	3	6	2
	Spokane			7		3		10		6	3	6	2

TABLE 20.—Enrollment by courses of study, tuition fees, and time required for graduation in private nondenominational commercial and business schools reporting in 1917-18.

Institutions.	Students enrolled in day and night courses in—						Tuition fee.										Months required for graduation (day course).																	
	Commer- cial course.		Steno- graphic course.		Com- bined course.		Teleg- raphy (wire).		Commercial course.			Stenographic course.			Combined course.				Telegraphy (wire).		Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).							
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	22	23	24	25	22	23	24	25				
ALABAMA.																																		
Massey Business College.....	214	98	103	711	25	10			\$15	\$60	\$5	\$15	\$60	\$5	\$60	\$5	\$60	\$5	\$20	\$90	\$5	\$20	\$90	6	6	9	9	6	6	9	9			
Southern Business College.....			8	32								4	35	3									6	9										
Wheeler Business College.....	120	89	134	564	14	23			15	60	8	15	60	8	20	100			20	100			6	6	12									
Campbell Institute of Short-hand and Ac- counting.....	19	4	11	86	4	23				50			50			85				60			4	4	6									
Florence Business College.....			2	4	6	30							30										4	4	6									
Ehleloft Private School of Short-hand and Typewriting.....			15	117									42												3-6									
Draughon's Practical Business College.....	40	25	9	177					20	60		20	60										4	4										
Massey Business College.....	100	65	40	200					15	60	8	15	60	8									4-6	4-6										
ARIZONA.																																		
Lamson Business College.....	37	33	44	229	10	57			15	180	8	15	180	8	15	180	8	15	180	8	15	180	10	10	10-15									
ARKANSAS.																																		
James Business College, Conway.....	34	10	9	32		3			10	40	5	10	40	5	10	40	5	10	40	5	10	75	5	4-7	4-6	8-12								
Draughon's Practical Business College, Fort Smith.....	40	30	10	200	50	60			16	60		16	60									20	100	4-6	5-7	7-10								
Fort Smith Commercial College.....	6	4	2	13	1				13	50	5	13	50	5	15	90	8					3	3	3	3½	5								
Draughon's Practical Business College, Little Rock.....	137	160	130	389					13	75		13	75									15	100	6	6	6								
Hines Business College.....	20	28	10	124	4	1			15	60	6	15	60	6	15	60	6	15	60	6	15	100	6	5	6	8								
James Business College, Pine Bluff.....	24	47	19	83	33	107			10	75	10	10	75	10	10	75	10	10	75	10	10	75	10	4	3	7								
Silbeam Springs Commercial College.....	7		2	45					10	50		10	50									10	85	6	6	10								

1 If course is completed in time prescribed.

TABLE 20.—Enrollment by courses of study, tuition fees, and time required for graduation in private non-denominational commercial and business schools reporting, in 1917-18—Continued.

Institutions.	Students enrolled in day and night courses in—						Tuition fee.						Months required for graduation (day course).												
	Commercial course.		Steno-graphic course.		Com-bined course.		Tele-graphy (wire).		Commercial course.		Steno-graphic course.		Com-bined course.		Tele-graphy (wire).										
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course, per month.	Entire day course.	Day course, per month.	Entire day course.	Day course, per month.	Entire day course.	Day course, per month.	Entire day course.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
CALIFORNIA.																									
Berkeley Business College.....	18	66	21	50	15	184	10	18	\$15	\$75	\$6	\$15	\$75	\$6	\$15	\$100	\$6	\$10	\$50	\$10		6	6	9-10	6
Heald's Business College, Chico.....	27	6	6	66	42	69			15	190	6	15	190	6	15	125						6	8	8-12	
Heald's Fresno College.....	95	177	35	282	10	31			15	290	5	15	290	5	15	125						8	8	12	
Glendale Commercial School.....	8	5	2	35	10	40			10	5	5	10	5	10	20	240						8	8	12	8
California Brownshager Commercial College.....	90	140	71	349	30	60		20	20	160	10	20	160	10	20	240						8	8	12	8
Central Business College.....	9	40	9	142					10	30	6	10	30	6								5	3		
Coast College of Lettering.....	3	13	10						25													3			
Hollman Business College.....	35	40	15	105					15	280	8	15	280	8	15	68						6	6	6	6
Mackay Business College.....	42	384	77	709	33	357	49	438	13	55	6	13	55	6	15	68						6	6	6	6
Santa Fe Telegraph Schools.....							16	64														6	6	6	6
School of Commerce, Accounts and Finance, Southwestern University.....	7	3									6														
Shorthand Institute.....	4	21									6														
Willis-Woodbury Business College.....	82	54	70	586					13	280	6	13	280	6	13	115						6	6	6	6
Napa Business College.....	10	6	7	69	4	7			12	615	5	13	615	5	13	115						6	8-9	12-14	
Heald's Oakland Business College.....	70	73	26	297	1	10			15	775	6	15	775	6	15	775						6	6-8	12-15	
Pott's Business College.....	49	118	37	212	6	104			15	5	5	15	5	5	15	5						5	6-8	10	
Pomona Business College.....	4	6	2	11	5	27			10	50	6	10	50	6	12	80						6	6	6	
Heald's Sacramento Business College.....	120	250	50	320					13	6	6	13	6	6	12	80						8	8	8	
California Commercial College.....	37	41	17	270	6	19			13	775	6	13	775	6	13	635						6	6-8	12-14	
Kelsey-Jenny Commercial College.....	51	72	39	249					13	610	6	13	610	6	13	100						7	7	7	12
San Diego Business and Academic College.....			58	28					13	120	10	13	120	10	13	100						5	5	12	
Chicago Business College.....			58	28					13	120	10	13	120	10	13	100						5	5	12	
Heald's San Francisco Business College.....	1,300	2,100	1,100	2,300	450	1750	400	100	15	775	6	15	775	6	15	15						6	6-8	6-10	12-15

Simplex Shorthand School.....	78	52	72	566	70	101	13	60	6	13	60	35	6	13	60	6	13	100	10	6	6	8	3	
Southern Shorthand and Business Uni- versity.....	35	35	30	40	25	25	10	35	10	45	20	70	4	4	4	4	4	20	70	6	6	7	6	
Osborne's Business College.....	19	4	25	72	18	20	15	60	15	60	90	60	4-6	15	60	6	15	90	60	4-6	6	7-9	6	
Massey Business College.....	35	18	92	138	58	87	74	70	70	70	120	70	6	70	70	6	70	120	6	6	6	10	6	
Georgia-Alabama Business College.....																								
Southern School of Telegraphy.....	20	2	7	30	7	64	45	45	45	45	78	42	4	42	42	4	78	42	4	4	3-4	5-7	4 6	
South Georgia Business College.....																								
IDAHO.																								
Gem State Business College.....	18	38	12	79	10	26	14	85	8	14	85	8	14	85	8	14	85	8	14	150	6	6	12	6
Lewisston Business College.....	4	70	6	40	12	30	15	15	10	15	15	15	5	10	15	5	10	15	16	125	6-9	6-9	9	6
Creekmur's Business College.....	16	18	9	56	17	8	2	5	10	10	10	150	6	12	150	6	12	200	5	10	\$12	12	12	6
Gregg Business College.....	10	5	5	75	10	10	10	12	12	12	150	6	12	150	6	12	200	5	10	5	\$12	12	12	6
ILLINOIS.																								
Brown's Alton Business College.....	98	12	22	122	28	14	12	165	8	12	165	8	12	165	8	12	165	8	12	120	6	6	12	6
Aurora Shorthand School.....	2	1	5	24	14	61	12	40	5	10	40	5	12	40	5	10	40	5	12	60	4	4	8	6
Gregg-Aurora Business College.....	18	28	22	79	14	28	12	60	5	12	60	5	12	60	5	12	60	5	12	60	6	6	6	6
Belleville Commercial College.....	29	11	16	64	28	14	13	75	5	13	75	5	13	75	5	13	75	5	13	120	7	7	12	6
Brown's Cairo Business College.....	30	7	40	99	2	15	13	75	5	13	75	5	13	75	5	13	75	5	13	120	7	7	12	6
Austin Business College.....	10	10	40	40	10	10	10	50	5	10	50	5	10	50	5	10	50	5	10	6	6	6	6	6
Birmingham Shorthand School.....	8	47	8	47	8	47	8	47	8	47	8	47	8	47	8	47	8	47	8	47	8	47	8	47
Boyd Shorthand School.....	50	26	87	4	4	4	12	12	6	12	12	6	12	6	12	6	12	6	12	6	6	8	8	12
Chicago Business College.....	38	25	26	87	8	15	12	140	6	12	140	6	12	140	6	12	140	6	12	6	7-8	8	8	12
Columbia Business College, Irving Park.....	34	31	29	131	8	15	12	140	6	12	140	6	12	140	6	12	140	6	12	6	10	12	6	6
Englewood Business College.....	107	224	23	428	459	1,374	13	120	6	13	120	6	13	120	6	13	120	6	13	120	6	6	6	6
Grigg School.....	23	22	16	211	7	30	13	120	6	13	120	6	13	120	6	13	120	6	13	120	6	10	12	6
Illinois Business College.....	100	94	51	255	5	40	13	120	5	12	120	5	12	120	5	12	120	5	12	5	8-10	6-9	12	6
Mac Cormac School.....	622	514	376	2,397	21	69	13	100	6	13	165	6	(4)	6	13	165	6	(4)	6	13	165	6	6	6
Metropolitan Business College ²	99	110	41	303	3	2	12	115	6	12	115	6	12	115	6	12	115	6	12	6	8-12	6-8	18 ¹	6
National Institute of Secretaries.....	61	58	46	276	3	2	12	115	6	12	115	6	12	115	6	12	115	6	12	6	8-12	6-8	18 ¹	6
Northwestern Business College.....	120	220	155	322	74	42	12	115	6	12	115	6	12	115	6	12	115	6	12	6	8-12	6-8	18 ¹	6
Orr's Business College.....	120	220	155	322	74	42	12	115	6	12	115	6	12	115	6	12	115	6	12	6	8-12	6-8	18 ¹	6
Pierson Business College.....	120	220	155	322	74	42	12	115	6	12	115	6	12	115	6	12	115	6	12	6	8-12	6-8	18 ¹	6
Success School of Shorthand and Typewriting.....	25	11	40	157	35	45	10	60	5	10	60	5	10	60	5	10	60	5	10	6	6	6	6	6
Trook's Commercial School.....	24	44	25	66	35	45	10	60	5	10	60	5	10	60	5	10	60	5	10	6	6	6	6	6
Watson's Chicago Business College.....	8	5	3	29	8	31	10	60	5	10	60	5	10	60	5	10	60	5	10	6	6	6	6	6
Chicago Heights Business College.....	60	35	145	461	25	15	13	75	5	13	75	5	13	75	5	13	75	5	13	120	5	6	7	6
Brown's Danville Business College.....	132	66	87	347	35	123	35	123	35	123	35	123	35	123	35	123	35	123	35	123	5	6	7	6
Brown's Decatur Business College.....	12	10	22	83	11	30	8	7	10	65	5	10	65	5	10	65	5	10	65	5	10	110	5	6
Lyon Business College.....	134	44	51	365	56	29	10	60	5	10	60	5	10	60	5	10	60	5	10	60	5	10	90	5
Brown's East St. Louis Business College.....	25	25	16	105	10	10	10	60	5	10	60	5	10	60	5	10	60	5	10	60	5	10	90	5
Summers College of Commerce.....	13	15	12	110	8	12	10	70	5	10	70	5	10	70	5	10	70	5	10	6	6	6	6	6
Watson's Business College.....	13	15	12	110	8	12	10	70	5	10	70	5	10	70	5	10	70	5	10	6	6	6	6	6
Watson's Evanston Business College.....	3	15	12	110	8	12	10	70	5	10	70	5	10	70	5	10	70	5	10	6	6	6	6	6
Orchard City College.....	18	36	18	36	8	12	6	12	6	12	6	12	6	12	6	12	6	12	6	6	6	6	6	6

¹ Includes books and supplies.

² Tuition fee for 1 year.

³ Tuition fee, \$5 to \$25 per month.

⁴ Includes central college and three branches.

Columbus Business College.....	6	7	6	50	1	7	12	60	5	12	110	5	6	12
Crawfordville Business College.....	6	11	13	32	1	2	12	60	5	12	110	5	6	12
Elkhart Business College.....	30	35	15	105			13	50	6	13	75		12	6
Lockyear's Business College.....	111	57	20	424	4	10	15	80	6	15	150		8	8
International Business College.....	85	30	35	265	175	500	15	75	4	15	135	4	6	10
Frankfort Business College.....	3	20	3	64		12	6	52	4	6	65	4	9	6
Central Business College.....	120	42	175	893	70	96	12	60	5	12	110	5	6	12
Iles De Vor Commercial School.....	19	15	21	81	4	6	12		5	12		5	6	10-15
Clark School of Business.....	20	7	12	108	3	6	12	60	5	12	110	5	6	12
Kokoma Business College.....	40	90	25	225	5	15	12	60	5	12	110	5	6	12
La Fayette Business College.....	40	90	25	225	5	15	12	60	5	12	110	5	6	12
La Porto Business College.....	11	9	12	88	5	16	13	156	5	13	156	5	6	12
Indiana Business College.....	30	11	26	213	44	36	12	60	5	12	110	5	6	12
Marion Business College.....	30	11	26	213	44	36	12	60	5	12	110	5	6	12
New Albany Business College.....	55	85	42	150	20	62	13	75	5	13	150	5	6	12
Indiana Business College.....	6	11	16	85	2		12	60	5	12	110	5	6	12
Noblesville Business College.....						46					12	466		8
Peru Business College.....	5	9	2	76	3	4	12	60	5	12	110	5	6	12
Richmond Business College.....	28	24	16	123	17	36	15	6	15	6	132		6	12
Seymour Business College.....	10	10	40	15	85		6	5	10	75			8	8
Kelley Business School.....	10	14	4	32			12	6	12				8	8
South Bend Business College.....	79	90	7	118	24	140	15	75	6	15	140		6-8	12-14
Thomas School of Stenography and Typing.....													6-8	12-14
Brown's Business College.....	50	90	45	186	24	40	15	85	5	15	125		5	6
Wabash Commercial School.....	90	65	35	190	6	40	13	80	5	13	120		7	12
Dodge's Telegraph Railway Accounting and Radio (Wireless) Institute.....						300						15	73	71
Vincennes Business College.....	40	14	9	109	2	8	15	90	6	15	180	15	6	6
Washington Business College.....	9	3	11	45			12	60	5	12	60		6	6
IOWA.														
Belle Plaine Business College.....	2	85	47	392	5	25	10	60		10	90		4-6	10-14
Cedar Rapids Business College.....	166	5	1	13	1	2	15	85		15	140		8-10	14-16
Chariton Business College.....	6	5	8	65	16	48	7	50	4	7	90	4	6-9	71-9
Boyles Iowa College.....	24	8	30	187	5	25	15	85	5	15	120	5	7	12
Hamill College and Business Institute.....	29	45	22	165			7	50	4	7	90	4	6-8	12-15
Brown's Davenport Business College.....	58	10	40	150	75	50	13	75	5	13	120	5	6-9	12
Valder College.....	50	25	20	40	2	4	10	100	5	15	125	5	6	10
Capital City Commercial College.....	213	83	65	831	34	23	15	100	5	15	150	5	7	12
Bayless Business College.....	36	16	27	195	10	25	15	100	6	15	150	73	71	71
Fort Dodge Business College.....	9	7	1	24	9	67	10	85	7	12	110	8	8	9
Fort Madison Business College.....	35	10	20	65	30	40	15	80	15	80	8	8	9	9
Irish's Business College.....	32	18	10	106			13	75	5	13	120		6	12
Tri-State Commercial College.....	4	4			1		13	75	5	13	120		12	7
Hamilton's University of Commerce.....	73	240	26	192	40	228	13	87	13	75	13	100	15	6
Brown's Muscatine Business College.....	10	5	10	53	7	7	15	75	5	15	125	5	6	12
Oelwein Business College.....	16	16	4	130	3	16	12	5	12	5	12	5	6	12
Iowa Success School.....	20	13	5	162	5	5	13	90	6	13	90	6	9	18

⁴ Tuition fee for 6 months.

³ Tuition fee for 1 year.

² If course is completed in pre-scribed time.

¹ Night school.

TABLE 20. Enrollment by courses of study, tuition fees, and time required for graduation in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Institutions.	Students enrolled in day and night courses in—						Tuition fee.						Months required for graduation (day course).									
	Commercial course.		Steno-graphic course.		Com-bined course.		Tele-graphy (wire).		Commercial course.		Steno-graphic course.		Com-bined course.		Tele-graphy (wire).		22	23	24	25		
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course.	Night course.	Day course.	Night course.	Day course.	Night course.	Day course.	Night course.						
MASSACHUSETTS—continued.																						
Chandler School for Women.....	7	52	1	16	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Clark School of Shorthand and Typewriting.....	80	353								\$30	\$900	\$1	\$20	\$200							10	
Franklin Academy.....	17	177								15	135	6									9	
Higgins Commercial Machine School.....	500									12		4										
Pierce Shorthand and Secretarial School.....	50	100		50						23	200	23	200	23	200	23	200	23	200	23	200	
Fall River School of Commerce.....	60	131								10	100	5	10	100	5	10	100	5	10	100	5	10
Thibodeau Business College.....	59	29	58	2						11	100	4	11	100	4	11	100	4	11	100	4	11
Greenleaf Commercial.....	15	71								14	140	6	14	150	6	14	230	\$6	8	8	15	
Lawrence Commercial School.....	41	32	25	103	2	6				11	160	7	160	7	160	7	160	7	160	7	160	7
Lynn Branch Burdell Business College.....	86	110		63						16		5	16		5	16					8	14
Malden Commercial.....	37	39	25	98	9	61	5	11		14	125	5	14	125	5	14	125	5	14	125	5	14
Benton's Business School.....	6	12	8	33						2	55	8	40	35	5	40	35	5	40	35	5	40
Kinyon's Commercial and Shorthand School.....	28	42	21	82						15	150	5	15	120	6	14					10	10
Northampton Commercial College.....	20	98	12	52	18	45				6	14	6	14								7	10
Borlshare Business College.....	20	10	71							4	12	4	12								6-8	6-8
Pittsfield Commercial School.....	26	24	37	238	29	127				5	15	5	15	150	5	15	150	5	15	150	5	15
Bay Path Institute.....	26	24	37	238	29	127				5	15	5	15	150	5	15	150	5	15	150	5	15
Springfield Civil Service & Commercial School.....	13	70	31	183	22	71				12	75	5	12	115	5	12	115	5	12	115	5	12
Malby School.....	2	3	16	55	1	4				12	4	12	4	12	4	12	4	12	4	12	4	12
Bristol School.....	15	11	14	33	2	5				15	140	5	15	140	5	15	140	5	15	140	5	15
Worcester Business Institute.....	62	105	56	428	13	71				16		5	16		5	16					10	16
MICHIGAN.																						
Brown's Business University.....	40	4	3	40						8		8									8	
Alpena Business College.....	13	11	13	31	2	9				10		10		10		10					3	

Cornell Shorthand School.....	33	23	22	51	10	5	10	5	10	5	10	15	6-9	6-9	9-15
Michigan Business and Normal College.....	12	8	42	28	15	65	15	65	15	65	15	15	9	6-9	9-15
Ferris Institute.....	100	162	306	60	15	75	10	75	10	75	10	75	9	6	9
Business Institute.....	311	485	126	49	581	12	5	12	5	12	5	12	6	6	12
Central Business College.....	26	8	19	22	20	28	10	28	10	28	10	28	6	6	12
Cloverland Commercial College.....	19	24	18	78	6	74	10	75	4	10	75	4	5	5	10
Baker Business University.....	200	90	5	325	10	75	4	10	75	4	10	75	6-8	6-8	8-12
Churchill's Business Institute.....	13	23	13	23	12	85	15	100	5	15	100	5	5-8	8	12
McLachlan Business University.....	90	210	336	354	300	11	5	11	5	11	5	11	8	8	12
Twin City Commercial College.....	24	10	6	64	65	11	5	11	5	11	5	11	10	10	12
Actual Business College.....	12	5	10	13	12	65	5	12	65	5	12	100	6-12	6-12	10
Ironwood Business College.....	14	21	63	7	19	10	85	5	10	85	5	10	8-10	8	10
Ishpeming Business College.....	6	15	8	30	7	12	4	10	5	10	5	10	5	5	10
Allen's Business College.....	9	6	6	92	4	10	3	10	3	10	3	10	6-10	8	12
Jackson's Business University.....	10	15	80	5	25	10	68	5	10	68	5	10	7	7	10
Maher's Business College.....	26	12	1	75	10	50	5	10	50	5	10	110	6	6	10
Carson's Business College.....	23	19	23	130	34	35	12	100	6	12	100	6	9	9	15
Lansing Business University.....	54	25	12	143	19	35	15	85	5	15	85	5	9	9	15
Laurium Commercial School.....	15	38	10	169	6	15	7	5	11	5	85	5	10	10	18
Ludington Business College.....	6	5	5	39	4	10	4	10	4	10	4	10	6-8	9-10	12-15
Manistee Business College.....	2	1	13	37	2	2	2	2	2	2	2	2	6-9	6-9	6-9
Marquette Business College.....	16	15	22	58	10	60	5	10	60	5	10	60	4-6	6-8	8
Monroe Business University.....	24	7	27	77	12	75	5	12	75	5	12	75	8	8	8
The Business Institute.....	13	13	5	28	2	11	5	10	87	12	87	12	6-8	10-12	10-12
Muskegon Commercial College.....	87	4	68	20	10	65	10	65	10	65	10	65	4-6	5-8	10-12
Owosso Business College.....	33	4	36	1	10	65	10	65	10	65	10	65	9	9	18
Port Huron Business College.....	28	26	35	17	10	39	13	80	5	13	80	5	7	6	10
MINNESOTA.															
Albert Lea Commercial College.....	41	21	6	76	19	27	15	85	7	15	85	7	15	100	7
University of Southern Minnesota.....	40	25	6	63	12	36	20	32	10	80	10	80	12	90	12-15
Bemidji Business College.....	1	1	1	8	9	9	8	100	8	15	100	8	12	100	15
Crookston College.....	62	5	17	42	10	3	15	150	7	15	150	7	6-12	6-12	9-18
Hughes Business College.....	5	50	4	51	5	50	10	60	5	10	60	5	6	6	6-9
Central Business College.....	43	39	26	129	11	28	12	65	5	12	65	5	6	6	10-12
Duluth Business University.....	20	180	61	413	3	4	12	65	5	12	65	5	6	6	6
Parsons Business University.....	9	3	10	9	3	4	10	60	5	10	60	5	6	6	12
Mankato Business and Commercial College.....	670	460	15	183	15	50	12	70	5	16	115	5	6-9	6-8	12-16
American Business College.....	108	15	25	15	50	58	291	16	115	5	16	115	20	70	5
American Telegraph College.....	3	17	19	76	5	29	70	82	15	70	15	70	20	75	5
Barry's Telegraph Institute.....	24	19	19	76	5	29	1	150	15	70	15	70	20	75	5
Collegiate Business Institute.....	235	65	115	408	15	15	15	85	5	12	85	5	3-6	6-9	12
Gregg Shorthand School.....	53	34	11	98	20	43	10	60	5	10	60	5	8	8	8
Hillman Shorthand School.....	30	248	20	249	10	66	10	50	5	10	50	5	9	9	9
Humboldt College.....	30	248	20	249	10	66	10	50	5	10	50	5	4-6	4-6	6
Minneapolis Business College.....	3	17	19	76	5	29	15	85	5	12	85	5	3-6	6-9	12
Minnesota Commercial College.....	53	34	11	98	20	43	10	60	5	10	60	5	8	8	8
Munson Shorthand School.....	30	248	20	249	10	66	10	50	5	10	50	5	9	9	9
Northwestern Business College.....	30	248	20	249	10	66	10	50	5	10	50	5	4-6	4-6	6

7 Tuition fee for 1 year.

8 If course is completed in time prescribed.

9 Tuition fee for 10 months.

10 Tuition fee for 38 weeks.

11 Tuition fee for 6 months.

12 Commercial course in labor-saving machinery.

13 Tuition fee for 10 weeks.

DeSoto Business College.....	9	3	10	50	9	3			13	66	5	13	13	120				6	6	10
Ozark Business College.....	10	3	8	49	19	18			13	75		5	13	125				7	7	11
Huff's School of Expert Business Training.....	40	65	115	976					13			5	13					7	7	8
Kansas City Business College.....	38	39	59	470	42	131			12	2 60	6	10	60	8				6-9	6-9	6-9
Powell's Shortland School.....			2	14								2 60	6	15	2 75	8		6-9	6-9	6-9
Moberly Commercial College.....	7	1	18	76	7	25			17	65	6	17	60	6				5	4	7
Nevada Business College.....	28	37	26	79	15	25			3 15	67	5	3 15	113	6				6	6	12
St. Joseph Business University.....	66	19	45	260	10	40			12	2 65	6	12	110	10				6-9	6-9	10-15
St. Joseph Commercial College.....				155														6-9	6-9	30
Barnes Business College.....	21	29	50	140	2	8			13	2 65	5	13	110	8				6-9	6-9	12-16
Brown's St. Louis Business College.....	10	4	103	20	61				10	60	5	10	80					6	6	8-10
Do.....	20	38	28	130	30	56			12	75	7	12	120	7				6-7	4 6	8-10
Do.....	40	10	43	103	28	13			12	75	7	12	125	7				6-9	6-7	12
Jones Commercial College.....	50	65	40	130	50	35			13	75	7	13	125	7				6	6	12
Sanguinet Shortland School.....				93														4	4	5
Southwestern Railroad Telegraph School.....									13	47								50	5	
Union Electric Telegraph School.....									75	140								15	75	10
Draughon's Practical Business School.....	54	21	120	416	24	20			15	70	5	15	100	5				5	6	10
Springfield Business College.....	140	210	200	300	340	510	300			60		60		60				6	6	9-10
West Plains Business College.....	5	6	10		10	6			7		6	7		6				6	6	6
MONTANA.																				
Billings Business College.....	80	65	26	215	10	75	5	25	15	75	6	15	125					6	6	10-12
Bozeman Business College.....	8	5	7	50					15	100	6	15	100					6	6	6
Great Falls Commercial College.....	90	40	50	350		25			15	90	8	15	175	8				9	9	18
Helena Business College.....	37	102	13	273					15	70	6	15	70	6				6	6	6
Fergus Business College.....	8			66					15	100	8	15	100	8				6	6	8
Missoula Business and Normal College.....	23	15	12	70	4	12		23	15	100	8	15	175	15				8-10	8	15
NEBRASKA.																				
Cotner Commercial College.....	7			3		1			8			8						6	6	9-15
Northwestern Business College.....	4	2	1	10	5	26			15	85	15	85		8				6	6	9-15
Premont College.....				89	372									15	100			6	6	6
Hastings Business College.....	15	3	7	18	45	49			10	80	10	10	125					7-9	6-9	9-14
Lincoln Business College.....	43	143	125	405	16	38			2 75			2 75	2125					6-9	6-9	9-12
Nebraska School of Business.....	14	12	52	288	14	35			9									7-9	6-9	9-12
McCook Business College.....			4	18						75								3	3	3
Norfolk Business College.....	4	19		211	6				10	75	5	10	125					14	14	14
Boyles Commercial College.....	120	43	158	713	51	170		61	17	15	(4)	6	15	(4)				6-8	6-8	12-15
Van Sant School of Business.....	19	6	320						15			8	15	8				5	7	8
St. Paul Normal and Business College.....	8	11	6	15	18	17			10	90	3	10	125	3				9	9	11
York College School of Commerce.....	80	101	40	80					15	120		15	90					9	9	6
NEVADA.																				
Reno Business College.....	5	26	20	109	3	21			13		6	13		6				6-8	6-8	10-12

³ Tuition fee reduced after first month.

⁴ Tuition, \$65 to \$80.

¹ Tuition fee for 1 year.

² Tuition fee for 6 months.

Heimbach's Trenton Business School.....	13	3	19	92	3	7	14	14	5	14	14	5	6-12	5-8	12-18
Rider-Moore and Stewart School.....	280	170	170	320	173	410	16	16	6	16	6	6	10	8	10
Vineland Business School.....	11	24	22	119	4	23	15	15	6	15	6	6	6-9	5-9	7-12
NEW MEXICO.															
Albuquerque Business College.....	43	22	14	65	10	76	18	18	6	18	6	6	6-12	6-12	6-12
Standard Business School.....	10	25	10	77	20	112	7	7	7	7	12	12			
NEW YORK.															
Albany Business College.....	155	49	227	616	47	40	15	15	5	15	5	5	6-7	6-7	10-12
Comfort School of Stenography.....	23	10	12	24	43	36	9	9	4	9	4	4	5-7	7-8	8-10
Reynolds Business School.....	27	26	6	53			10	10	5	10	5	5	8-10	8-10	8-10
Arnold Business School.....			1	31											
Williams School.....			1	51		10	10	10	12	10	75	5	6	6	6
Blount's Business School.....	2	12	1	51		10	30	30	12	60	11	11	3	5	8
Binghamton School of Business.....	12	17	18	113	7	16	10	10	5	10	55	5	6	6	6
Lowell School of Business.....	39	52	33	265	6	37	13	83	5	13	83	5	7-9	7-9	12-11
Alpha School of Business.....	93	45	30	150	35	145	10	60	5	10	60	5	10	100	5
Avon School of Secretaries.....	8	1	8	94	3	17	12	12	5	12	6	6	3	4	9
Brown's Business College.....	206	92	437	1,161	9	12	36	9	12	36	5	5	12	5	12
Curtis Business School.....		19	41			5			10	10	6	6	12	5	12
Eucled School.....				300	900				5	10	12	12	6	6	8-10
Exelsior Business School.....	75	80	125	175	85	185	10	75	5	10	75	5	6	7	12
Hedley Greenpoint School.....	68	98	111	186			12	48	5	12	96	5	5	8	8
Hedley Institute.....	130	141	327	912			10	10	5	10		5	8	8	
Lamb's Business Training School.....	61	19	62	280	22	85	10	10	5	10		5	6-12	6-8	
Long Island Business Academy.....	19	11	11	233			12	12	5	12		5	6	6	7-10
Miner's Business Academy.....	43	31	80	100	44	78	10	65	5	10	65	5	6	6	12
Mockridge Business School.....	25	45	25	105	50	550	10	65	5	10	90	5	6	6	9
People's Business School.....	55	52	175	365	34	185	12	70	5	12	70	5	6	6	12
Wood's Business School.....	8	25	40	216	11	91	10	63	5	10	108	5	5	7	12
Chown School of Business.....			11	71					10	60	6	6			
M. A. Burns School of Shortland.....			19	70					12	64					
Cortland Business Institute.....	15	52	48	168	12	41	4	15	85	4	15	85	7	7	13
Moeker's Business Institute.....	40	60	8	40			11	66	4	11	66	4	6	6	
Gloversville Business School.....	6	22	4	103	2	30	10	10	6	10		6	6	6	
Hempstead Business School.....	30	64	17	122	25	61	12	70	12	75		6	7	7	13
Janestown Business College.....	30	9	30	49	11	6	10	50	4	10	50	4	6	6	12
Moran Business School.....	45	12	45	138	10	5	10	75	4	10	75	4	6-8	6-8	6-8
Spencer's Business School.....	20	35	5	15	20	35	10	5	5	10	5	5	6-7	6-7	6-8
Bettinger Business Institute.....			35	65					10				6-12	6-12	
Lockport Business Institute.....	11	12	15	25	1	12	8	80	5	10	80	5	10	10	6-12
Middletown School of Commerce.....	8	13	3	29			10		10			5	10	6-8	6-8
Ramsdell School.....	4	12	40	173	13	23	15	15	6	15	6	6	4	5-6	7-9
Sherman's Business School.....	8	12	6	18	6	30	10		10			4	5-6	7-9	12-15
Elms Commercial School.....	22	23	31	115	8	20	12		6	12		6	5-6	7-9	12-15
Brandon-Stevens Institute.....	95	7	30	172	87	47	10	80	4	10	80	4	10	100	5
Spencerian Business School.....	30	12	21	146	20	27	12		5	12		5	8	6	14
Westchester Commercial School.....															

¹ Tuition reduced after third month.

² Tuition for 10 months.

³ Tuition for 6 months.

⁴ Tuition for 1 year.

Chaffee's Business School.....	11	38	44	63		10		4	10	4	6	3	6-8	8
Peekskill Business College.....	40	35	65	70	45	63		6	10	12	6	6-8	8	
May I. Shannon Shorthand School.....			10	55				61				6-8	5-3	
Williams and Rogers Rochester Business Institute.....	339	223	136	813	10	54		4	13	4	4	6-8	12-14	
Spencer's Business School.....	45	35	10	80				4	13	5	7	7		
Southold Academy.....	11		4	15				20	20			10		
Baker Business School.....	198	90	119	855	100	130		5	12	65	5	6	6	
Central City Business School.....	2	6						5	12	100	5	6	12	
Richardson Commercial School.....	215	175	57	325	11	31		4	13	75	4	7	14	
Troy Business College.....	24	25	10	88		6		5	10		5	8	12	
Excelsior School of Business.....				50				5	10			8	12	
Private Shorthand School.....	8	7	30	104	14	37		5	12	84	5	7	5-8	
Hall's Business School.....								5	12	84	5	7	7	
NORTH CAROLINA.														
Emanuel Business College.....	22	100	10	140	22	128		10	85		13	118	8	8
Bines Creek Academy.....	19	6	2	17	2	6		5	23		6	23	10-11	10
Brown's Business College.....	20	30	15	70	10	50		15	60		19	75	4	4
King's Business College.....	23	8	23	12	30	54		6	12	60	5	10	6	10
Durham Business School.....	35	16	29	87	10	15	4	5	12	60	6	16	90	10
National Training School.....	3	4	2	5	2	4		5	36		6	10	10	15
T'ool's School.....				14				15	40	5		8	8	8
King's Business College.....	113	54	46	196	34	38		15	60	5	15	90	6	10
NORTH DAKOTA.														
Bismarck Business College.....	41	13	12	58	17	32		15	100	10	15	150	12	18-24
Aaker's Fargo Business College.....	38	15	9	98	39	41		15	110		15	125	6-9	9-12
Aaker's Grand Forks Business College.....	57	13	30	54	15	13		15	100	8	15	125	6-9	9-12
Union Commercial College.....	130	20		60	10	20		175			6	690	6	9-12
Minot College of Commerce.....				22	103									
OHIO.														
Actual Business College.....	129	57	53	275				13	75	5	13	75	7-8	7-8
Hammel Business College.....	86	49	35	78	19	33		12	65	6	12	70	6	12-15
Alliance Business College.....	20	25	8	65	6	18		5	12	85	5	12	135	7
Ashtabula Business College.....	26	34	18	42	15	16		5	13	75	5	13	125	9
Cambria Business College.....	19	31	11	81	1	14		15	75	5	15	75	5	18
Canton Actual Business College.....	175	60	25	290	23	20		12	70	5	12	125	5	6-10
Campbell Commercial School.....	25	53	68	436	1	24		15	65	6	15	120	6	10-14
Conroy Business School.....	3	11		73				9	50	4	9	50	4	8
Liftedford's School.....	24	72	31	286	1	28		7	80	7	15	80	6	11
Miller School of Business.....	72	95	139	415	65	154		15	80	6	15	125	6	12
Nelson Business College.....	48	60	39	378	52	172		12	60	5	12	100	6	10
Williams Private Shorthand School.....	12	35	20	138	2	5		66			5	6	6	10
Boyd Business School.....	139	211	135	243	98	201		45			80	3	3	6
Cleveland Business University.....	60	35	34	309	17	45		7	20	132	8	7	20	13
Dyke School of Business.....								5	10		5	10	5	6
								8	7	20	244	8	7	15

1 Tuition fee for 6 months.
 2 Tuition fee for 1 year.
 3 Tuition for 3 months.
 4 Tuition for 6 months.
 5 Tuition fee for 1 hour.
 6 Tuition fee for 9 months.
 7 Fee reduced after first month.
 8 Fee reduced after second month.

Tri-State Business University.....	190	200	190	265	64	113	.....	10	90	4	10	90	4	14	120	4	.....	6-8	6-8	6-12
Moore's Business College.....	21	34	.....	2	14	32	.....	15	75	6	15	75	6	15	126	6	.....	10	8	10
Warren Business College.....	8	33	.....	55	.....	.....	.....	10	60	4	10	60	4	.....	.....	.....	.....	6	6	.....
Yocum's Wooster Business College.....	14	34	6	66	.....	.....	.....	12	58	6	12	58	6	10	58	6	.....	6	6	.....
Youngstown Business College.....	19	28	10	47	97	98	.....	10	85	5	10	85	5	10	165	5	.....	8	8	16
Meredith Commercial School.....	40	48	32	67	20	31	.....	15	.....	5	15	.....	5	.....	.....	.....	.....	.....	.....	.....
OKLAHOMA.																					
Stauffer's Business College.....	13	23	32	75	6	5	.....	10	40	5	10	40	5	10	40	5	.....	6	6	8
Anadarko's Commercial College.....	9	22	9	48	9	22	.....	50	45	.....	.....	.....	.....	75	5	.....	.....	5	6	9
Chickasha Business College.....	15	10	10	40	25	100	.....	60	60	.....	.....	.....	.....	10	75	5	.....	7	7	.....
Metropolitan Commercial College.....	55	32	.....	54	65	.....	.....	10	50	5	10	50	5	10	75	5	.....	5	7	.....
Enid Business College.....	80	71	46	143	8	21	.....	13	60	4	13	60	4	13	100	.....	.....	6-8	6-7	12-14
Capital City Business College.....	85	85	200	200	50	50	.....	50	50	.....	.....	.....	.....	100	.....	.....	.....	4-6	4-6	7-9
Krauthorn Lohman Business College.....	73	114	67	236	.....	.....	.....	70	10	.....	.....	.....	.....	10	10	.....	.....	5	5	.....
Oklaville Business College.....	18	15	20	56	44	42	.....	15	75	5	15	75	5	15	140	5	.....	5-7	5-7	7-9
Besson Commercial College.....	6	2	11	81	1	3	.....	20	75	10	20	75	10	20	125	.....	.....	6-8	6-9	10-15
Tulsa Business College.....	99	14	62	315	40	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
OREGON.																					
Astoria International Business College.....	28	18	9	29	12	51	.....	15	475	8	15	475	8	15	475	.....	.....	6-8	6-8	12-15
Baker Business College.....	28	35	7	55	29	61	.....	12	.....	.....	.....	.....	.....	15	80	8	.....	7	7	9
Eugene Business College.....	22	9	.....	149	11	43	.....	12	60	5	12	60	5	12	60	5	.....	6-9	12	18
Belinke-Walker Business College.....	223	377	98	673	76	196	.....	15	90	6	15	90	6	15	105	6	.....	.....	.....	.....
PENNSYLVANIA.																					
Allentown Business College.....	52	13	62	116	.....	.....	.....	12	100	5	12	100	5	12	127	5	.....	12	12	15-18
American Commercial School.....	60	95	130	198	9	5	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gladstone Business College.....	2	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zeth School.....	10	21	27	73	10	20	.....	10	105	6	13	95	6	10	.....	.....	.....	6	8	10
Duff's College.....	80	35	55	55	.....	.....	.....	13	105	6	13	95	6	12	175	6	.....	8	8	.....
Davis, Beaver Falls.....	25	22	26	110	15	22	.....	12	70	5	10	70	5	15	100	5	.....	5	7	11
Greer Business College.....	23	15	5	49	2	15	.....	10	75	5	10	75	5	15	100	5	.....	9	9	12
Chalfant's Business College.....	28	7	15	48	.....	.....	.....	10	75	5	13	100	5	.....	.....	.....	.....	5-10	5-10	.....
Butler Business College.....	28	45	7	95	.....	.....	.....	13	100	5	13	100	5	.....	.....	.....	.....	10	10	.....
Carbondale Commercial Institute.....	7	10	14	56	1	12	.....	10	628	5	10	628	5	12	120	.....	.....	8	8	12
Wunderlich's Commercial School.....	2	1	5	7	.....	.....	.....	5	50	5	5	50	5	.....	.....	.....	.....	10	.....	.....
Russell's Business College.....	23	37	128	11	66	10	.....	12	60	6	12	60	6	12	95	6	.....	4	6	8-12
Dubois Business College.....	156	52	54	188	.....	.....	.....	12	100	5	12	100	5	12	100	5	.....	10	10	20
Churchman Business College.....	75	115	16	134	.....	.....	.....	10	70	5	10	70	5	.....	.....	.....	.....	7	7	.....
Davis Shorthand and Business School.....	55	14	34	212	13	72	.....	12	105	6	12	95	6	12	120	.....	.....	8-10	7-9	10-20
Ernie Business College.....	23	15	7	134	10	35	.....	10	85	5	10	85	5	14	140	.....	.....	.....	.....	.....
Leech's Actual Business College.....	30	30	30	120	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beekley's Business College.....	30	30	30	120	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrisburg Shorthand School.....	19	23	27	153	13	15	.....	10	60	4	10	60	4	10	100	.....	.....	6-18	6-18	10
School of Commerce.....	56	47	113	495	.....	.....	.....	12	80	5	12	80	5	12	130	.....	.....	6-8	6-10	12-15

7 If course is completed in time prescribed.

4 Tuition fee for 6 months.

5 Tuition fee for 1 year.

6 Fee for 3 months.

1 Penmanship course.

2 Tuition fee for 4 months.

3 Tuition \$12 after first payment.

Boyd Business College.....	63	205								16	70	10							3-8
Duff's Pittsburgh College.....	62	249	37		15	125	7	15	115	7	15	200	7						8 ³ 7 ³ 15
Iron City College.....	70	378			14		7												6-8
Martin Shorthand School.....	127	569								14	100	7							7
Miss Conley's School of Shorthand.....	124																		6-8
Park Institute.....	22	96	22				5	11	80	5	11	80	5						8
Pittsburgh Academy.....	46	60	33	17			6	12	80	6	12	185	6						10
Pottstown Business College.....	35	45	30	90			6	12	75	6	12	120	6						10
McCann's Business College.....	35	25	55				5	12		5									14
Stoner's Inter-State Commercial College.....	33	26	13	95			4	10		4									8
Commercial Institute.....	10	5	8	10			5	10		5									6-8
Scranon Lackawanna Business College.....	253	200	112	449			10	100	5	10	100	5	12						5
Shenandoah Business College.....	3	8	13	11	16	19		5	40	5	10	100	10						8
South Bethlehem Business College.....	94	61	54	232	16	3		12		5	12								9
Sunbury Business College.....	8	30	8	30	8	30		10	65	10	65								10
Towanda Business College.....	1	7	2	13	13			10	50	10	60								8
Hoff Business College.....	15	5	20	120	30	50		10		10									6-9
Washington Business College.....	35	70						3	30										10
Waynesboro Business College.....	30	4	23	46	7	11		5	10	54									7
West Chester Business School.....	5	35	1	30	5	9		13	78	5	13	104	5						10
Wilkes-Barre Business College.....	60	100	90	150				10		5									10
Worming Valley College of Business.....	50	40	35	48				4											8
Poets Shorthand College.....	79	112						10	60										9
Williamsport Commercial College.....	109	40	45	115	25	35		10	65	10	65								7
York School of Business.....	103	59	85	125				8		4									6
RHODE ISLAND.																			
Kimyon's Commercial School.....	67	58	27	96				15		5	15								6-8
Mrs Brayton's Special School.....	6	13	9	58				5	8	5									7
Bryant and Stratton Commercial School.....	287	164	246	846				16	4150	6	4150	6	15	4150	6				9-11
Childs Business College.....	35	45	40	165				18	180	8	18	180	8						8-10
Sweeney School of Shorthand and Type-writing.....	50	94						16		6	16								10
Woonsocket Commercial School.....	81	47	29	165	2	2		14		6	14								6-10
SOUTH CAROLINA.																			
Cecil's Anderson Business School.....	5	4	1	39	2	9		20	80		20	110							5
Bowen-Macfeat Business College.....	38	16	17	194	15	40		10	60	5	10	135							8
Newberry Business School.....	15							10	35		10								6
Cecil's Spartanburg Business College.....	18	5	8	23	10	3		65		60		110							5-8
SOUTH DAKOTA.																			
Aberdeen Business College.....	98	32	20	73	7	5		13	85	6	13	85	6						8
Dakota Wesleyan Commercial School.....	6	26	4	55	9	61	11	4	25	8	4	25	8						9
Rapid City Business College.....	22	16	2	15	4	11		13	100		13	100							6-10
Mrs. Muller's Business School.....	1	1	4	111	3	16		11			11								6-10
South Dakota School of Business.....	30	20	18	175				12	100	5	12	100	5						3

¹ Rate includes books and stationery

² Night school.

³ Tuition fee for 3 months.

⁴ Tuition fee for 10 months.

TABLE 20.—Enrollment by courses of study, tuition fees, and time required for graduation in private nondenominational commercial and business schools reporting in 1917-18—Continued.

Institutions.	Students enrolled in day and night courses in—						Tuition fee.										Months required for graduation (day course).							
	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).		Commercial course.			Stenographic course.			Telegraphy (wire).			Combined course.	Stenographic course.	Combined course.	Telegraphy (wire).			
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
TENNESSEE.																								
Chattanooga Business College.....	40	35	41	143	.....	.....	.....	.....	\$12	\$20	\$4	\$12	\$30	\$4	\$12	\$85	\$4	.....	.....	.....	3-5	4-5	.....	.....
Mountain City Business College.....	104	19	32	336	23	28	2	.....	12	60	4	12	60	4	15	100	.....	.....	.....	.....	6	6	12	.....
Modern Business College.....	9	5	4	23	.....	.....	.....	.....	50	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	5	5	8-9	.....
National Teachers' Normal and Business College.....	28	22	20	21	15	16	.....	.....	5	45	.....	4	40	.....	8	75	.....	.....	.....	.....	9	9	9	.....
Draughton's Knoxville Business College.....	65	100	35	185	25	90	.....	.....	15	60	.....	15	60	.....	15	100	.....	.....	.....	.....	4-6	4-6	7-10	.....
Knoxville Business College.....	26	98	16	328	18	42	.....	.....	15	70	.....	15	70	.....	.....	130	.....	.....	.....	.....	6	6	11	.....
Draughton's Memphis Practical Business College.....	12	15	8	45	5	10	.....	.....	13	65	6	13	65	6	15	110	6	.....	.....	.....	5	5	9	.....
Draughton's Nashville Practical Business College.....	112	162	69	342	44	72	.....	.....	10	65	.....	10	65	.....	10	65	.....	.....	.....	.....	5	6	9	.....
Falls Business College.....	28	28	20	180	8	32	.....	.....	12	70	.....	12	70	.....	12	120	.....	.....	.....	.....	6	6	12	.....
TEXAS.																								
Amarillo Practical Business College.....	30	14	27	156	1	2	.....	.....	15	60	5	15	60	5	15	90	5	.....	.....	.....	6	6	9	.....
Nixon-Clay Commercial College.....	50	60	30	196	20	60	.....	.....	10	50	4	10	50	4	10	80	4	.....	.....	.....	6	6	10	.....
New South College.....	50	50	20	200	30	50	.....	.....	10	60	7	10	60	.....	10	110	7	.....	.....	.....	3-8	3-8	5	.....
Bowie Commercial College.....	35	23	12	61	16	18	.....	.....	50	.....	.....	50	.....	.....	.....	90	.....	.....	.....	.....	4	4	6	.....
Gordon's Commercial College.....	4	2	13	24	2	2	.....	.....	25	.....	.....	25	.....	.....	45	.....	.....	.....	.....	.....	4	4	4	.....
Corpus Christi Business College.....	30	29	12	106	.....	.....	.....	.....	10	90	6	10	90	6	10	90	6	.....	.....	.....	4	4	6	.....
Harrell School of Business.....	4	4	22	180	180	.....	.....	.....	10	50	4	10	50	4	10	50	4	.....	.....	.....	4-6	4-6	.....	.....
McBride's Business School.....	.....	.....	5	127	.....	.....	.....	.....	10	35	.....	10	35	.....	35	.....	.....	.....	.....	.....	4-6	4-6	.....	.....
Draughton's El Paso Practical Business College.....	60	37	19	201	6	82	.....	.....	20	60	5	20	60	5	20	95	5	.....	.....	.....	3	4	6	.....
Palmore Business College.....	49	56	49	56	.....	.....	.....	.....	5	100	5	5	100	5	100	5	.....	.....	.....	.....	20	20	.....	.....

National Business College.....	70	40	115	255	190	205	15	60	8	15	60	8	20	113			6	6	8 ¹
Draughon's Practical Business College of Galveston.....	44	20	60	147	8	4	15	11	60	5	15	60	5	15	95	\$5	5	6	12
Greenville Business College.....	25	15	5	115	1	10	15	50	10	5	60	5	13	100			4	7	10
Massey Business College.....	68	85	2	4	38	103	15	60	6	15	60	6	15	90			6	6	
Texas Business Institute.....	6	6	24	5		5		25			50						4	6	
Marshall Business College.....	94	68	59	199	20	30	15	50	5	15	50	5	15	85			6	5	9-12
Droughon's San Antonio Practical Business College.....	170	120	225	330	55	100	25	65			25	65		100			7		
San Antonio Business University.....	36	8	21	18	16	9	10				10			10			4	4	6
Lone Star Business College.....	32	10	20	10	100	90	55				55			85			4	3 ²	5
Texas Business College.....	144	127	390	345	40	478	98	87	20	60	20	55	30	100	\$20	\$60	4	4	5
Tyler Commercial College.....	50	50	75	50	53		53				53			85			4-8	4-8	
Holcomb Training School.....	130	205	65	283	105	152	15	75	6	15	66	6	15	103			3-4	4	
Hill's Business College.....	163	49	89	251	34	35	6	230	115	215	225	90	212	10	160	230	75	4-6	3-6
Toby's Practical Business College.....	5	5	18	30	6	11	10				42			75			4-6	6	9
Weatherford College Business School.....	31	24	18	185	6	11	15	60	5	15	60	5	15	60			4-5	4-5	6-8
National Business College.....	24	11	8	57	10	11	12	357	6	12	357	6	12	478	6		3	6	6-9
Baldwin's Business College.....	24	11	8	57	10	11	12	357	6	12	357	6	12	478	6		3	6	6-9
UTAH.																			
Smithsonian Business College.....	105	14	60	316			10				5	10		5			8	7	
Jos. W. N. Willie Shorthand Classes.....	12	12	23	146	3	13	15	75	8	15	75	8	15	100			6-9	6-9	9-12
Utah Business College.....	12	12	23	146	3	13	15	75	8	15	75	8	15	100			6-9	6-9	9-12
VERMONT.																			
Clawson-Hamilton Commercial College.....	23	9	4	57	3	11	15				4	15		4			4-6	5-8	10-12
Burlington Business College.....	24	14	12	110			10				4	10		4			6-10	6-10	
Rutland Business College.....	10	18	34	62	46	90	12				5	12		5			7-10	7-10	9-12
VIRGINIA.																			
Piedmont Business College.....	30	10	54	103			15	75			15	75		15	75		7-9	7-9	
Virginia Commercial and Shorthand College.....	25	2	5	50	5	75	13	60	13	60	13	60	13	60	15	75	6-7	6-7	7-9
International Business College.....	27	13	34	152	13	7	12	55	6	15	55	6	15	85	6		6	6	10
Davis-Wagner Business College.....	33	48	18	300	22	30	13	60	5	13	60	5	13	100	5		6	6	10-12
Bowman Commercial College.....	15	7	22	95	6	27	60				60			100			6	5	6
Smithfield Business College.....	45	13	26	309	14	23	12	60	6	12	60	6	15	90	6		4-6	3-5	6-10
Roanoke National Business College.....	113	21	75	399	29	12	12	365	10	12	365	10	12	120	10		6-8	6-8	12-14
Dunsmore Business College.....	70	2	3	56			12	75			12	75		11	85		9	9	
Templeton Business School.....	11	7	5	50			11	70			11	70		11	85		8	8	10
WASHINGTON.																			
Gray's Harbor Business College.....	56	135	22	185	12	130	15	125	12	15	125	12	15	125	12		9	9	15
Wilson's Business College.....	10	14	19	172	17	14	15	175	8	15	175	8	15	125	8		6	6	10
Centralia Business College.....	3	10	1	55	7	56	15	75	7	15	75	7	15	105	7		6	6	9
Hwyatt-Fowells School of Commerce.....	34	83	44	318	32	93	15	80	6	15	80	6	15	110	6		6	6	9
Progressive Shorthand Reporting School.....	15	150	80	210	23	79	15	85	6	15	85	6	15	160	6		6	6	12
Progressive Shorthand School.....	5	60	21	509			15				5	15		15			2-6	3-6	6-9

¹ Tuition reduced after first month.
² Tuition fee reduced after first payment.
³ Tuition fee for 6 months.
⁴ Tuition fee for 9 months.
⁵ Tuition fee for 1 year.
⁶ If course is completed in prescribed time.

TABLE 20.—Enrollment by courses of study, tuition fees, and time required for graduation in private nondominational commercial and business schools reporting in 1917-18—Continued.

Institutions.	Students enrolled in day and night courses in—								Tuition fee.								Months required for graduation (day course).			
	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).		Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).		Commercial course.	Stenographic course.	Combined course.	Telegraphy (wire).
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course.	Night course.	Day course.	Night course.	Day course.	Night course.	Day course.	Night course.				
WASHINGTON—continued.																				
Wilson's Modern Business College.....	207	406	310	591																
Counselman's School of Stenography.....	1			137																
Northwestern Business College.....	87	69	19	397	18	23	15	75	15	120	8	15	85	6	12					
Bentley Business College.....	25	85	20	180	5	20	8	15	75	8	15	85	8	8						
State Business College.....	70	46	18	97																
Walla Walla Business College.....	20	13	4	88	4	26	12	65	4	12	65	4	12	100	4	6	6	6	10	
Wenatchee Business College.....	14	13	17	104	1	15	15	70	8	15	70	8	15	90	8	6	6	6	9	
WEST VIRGINIA.																				
Bluefield Normal and Business College.....																				
Summit City Business College.....	14	5	5	103																
Capital City Commercial College.....	70	34	54	372	3	5	12	65	10	50	5	10	50	100	6	7	7	7	6	
West Virginia Business College.....	60	200	10	110	10	110	15	75	6	15	135	6	15	135	6	6	6	6	10	
Boothe Business School.....	21	72	55	270																
Martinsburg Business College.....	16	9	29	59	18	4	18	4	4	18	4	4	18	4	18	4	6	6	6	
Elliott Commercial School, Wheeling.....	83	30	58	377	18	47	15	110	5	15	110	5	15	180	8	9	9	9	18	
WISCONSIN.																				
Actual Business College.....	24	81	24	79																
Appleton Business College.....	75	225	65	255	50	100	12	60	5	15	85	5	15	108	4	9	9	9	8	
Gordon's Business College.....	3	7	4	36	2	34	12	72	5	12	72	5	12	108	4	8	8	8	12	
Baraboo Business College.....	7	14	3	52	20	20	12	4	12	4	12	4	12	4	12	4	6	6	6	
Hunt's Business College.....	45	86	22	144	20	76	15	87	6	15	87	6	15	145	6	6	6	6	10-12	

Badger Commercial College and Telegraph School.....	7	6	1	27	15	21	6	7	12	75	4	12	65	4	12	140	5	\$12	\$60	\$5	6-8	6-8	10-15	6
Green Bay Business College.....	15	12	120	2	7	66	.....	.....	12	85	.....	12	75	.....	12	150	.....	.....	.....	.....	8	7	15	.....
Janesville Business College.....	21	47	3	98	7	.....	.....	.....	15	130	5	15	130	5	15	130	5	.....	.....	.....	8-9	7-9	12-18	.....
Wisconsin Business University.....	100	10	12	100	.....	.....	.....	.....	13	75	.....	13	75	.....	.....	.....	.....	.....	.....	.....	9-12	6-8	.....	.....
Capital City Commercial College.....	78	117	24	95	.....	.....	.....	.....	15	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	9-12	6-8	.....	.....
Success Shorthand School.....	38	22	4	73	6	11	.....	.....	15	75	.....	10	60	5	10	100	.....	.....	.....	.....	7	7	12	.....
Manitowoc Business College.....	16	13	7	98	8	23	4	7	13	4100	4	9	4100	4	9	4100	4	.....	.....	.....	6-9	6-9	10-15	.....
Twin City Commercial School.....	25	50	.....	.....	.....	.....	.....	.....	10	75	5	10	75	5	10	120	5	.....	.....	.....	6-7	6-8	9-12	.....
Merrill Commercial College.....	17	143	3	77	23	52	.....	.....	10	85	6	10	85	6	.....	.....	.....	.....	.....	.....	6-7	6-8	9-12	.....
Hoffman Metropolitan Business College.....	.....	.....	5	209	.....	140	.....	.....	15	.....	.....	10	60	5	.....	.....	.....	.....	.....	.....	6-8	6-8	9-12	.....
Miss Brown's School of Business.....	.....	.....	.....	65	.....	.....	.....	.....	10	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	6-7	6-8	9-12	.....
Miss Kelly's School of Stenography.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	6-7	6-8	9-12	.....
Railway and Commercial Telegraph Institute.....	.....	.....	.....	.....	.....	.....	11	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6	.....	6-7
Spencerian Business College.....	98	68	25	301	24	72	.....	.....	12	.....	.....	5	12	.....	5	12	.....	.....	.....	.....	6	5	9	.....
Wisconsin School of Accountancy and Stenography.....	22	.....	.....	13	.....	.....	.....	.....	13	.....	.....	5	13	.....	5	.....	.....	.....	.....	.....	10	10	.....	.....
Oshkosh Business College.....	30	8	25	171	32	28	.....	.....	12	80	5	12	80	5	12	120	5	.....	.....	.....	8	8	12	.....
Wisconsin Business College.....	93	13	12	153	5	12	.....	.....	15	108	6	15	108	6	15	108	6	.....	.....	.....	6	6	.....	.....
Potter Business College.....	15	11	1	25	.....	5	.....	.....	12	72	6	12	72	6	12	72	6	.....	.....	.....	6	6	6	.....
Steiner Business College.....	5	11	5	14	.....	.....	.....	.....	8	40	4	8	40	4	.....	.....	.....	.....	.....	.....	5	5	.....	.....
Wausau Business College.....	46	8	16	95	23	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	9	18	.....

WYOMING.

Cheyenne Business College.....	8	2	10	70	5	5	.....	.....	12	60	5	12	60	5	12	90	5	.....	.....	.....	6	6	9	.....
Spencer Business College.....	17	35	25	53	8	12	.....	.....	12	110	6	12	110	6	12	135	6	.....	.....	.....	10	14	14	.....

1 Tuition reduced after third month.

2 Tuition fee for 6 months.

3 Tuition fee for 10 months.

4 Tuition fee for 15 months.

TABLE 21.—Statistics of Y. M. C. A. and denominational business schools reporting in 1917-18.

Institutions.	Students enrolled in day and night courses in—						Tuition fee.												Months required for graduation.					
	Commercial course.		Stenographic course.		Combined course.		Telegraphy (wire).		Commercial course.			Stenographic course.			Combined course.			Telegraphy (wire) course.						
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Day course, per month.	Entire day course.	Night course, per month.	Commercial course.	Stenographic course.	Combined course.	Telegraphy course.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
ALABAMA.																								
Y. M. C. A. Night School, Birmingham.....	25		12																					
McGill Institute, Mobile.....	16		33		8																			
CALIFORNIA.																								
Y. M. C. A. School of Commerce and Finance, Los Angeles.....	139		101						\$12	\$60	\$12	\$60												
Y. M. C. A. School, San Francisco.....	38		46		64				13	55	\$4	13	55	\$4	\$13	\$10	\$4							
COLORADO.																								
Y. M. C. A. Business School, Denver.....	26		34		90				10	65	(²)	10	65	(¹)	10	(³)								
CONNECTICUT.																								
Y. M. C. A. School, Bridgeport.....							6	28																
Hilvet Institute, Hartford Y. M. C. A.....	18		17								10			8										
DISTRICT OF COLUMBIA.																								
Washington Commercial School, Y. M. C. A.....	30		300								4			5								3	3	
GEORGIA.																								
St. Patrick's Commercial Institute, Augusta.....	15		15		15				6	60		6	60		6	120						10	10	20

School Name	32	81	100	14	3 12 3 25	2	3 17 3 30	5 55	4 7 1/2	4 7 1/2
NEW YORK.										
Bedford Branch Y. M. C. A. School, Brooklyn.....	32	81	100	14	3 12 3 25	2	3 17 3 30	5 55	4 7 1/2	4 7 1/2
Marquand School, Y. M. C. A., Brooklyn.....	106	105	284							
St. Barbara Commercial School for Boys, Brooklyn.....										20
St. Joseph's Commercial High School, Brooklyn.....			300							20
Association Institute, Y. M. C. A., Buffalo	30			10				5 100	10	10
Chelsea School, New York.....	208	235	443	15	75	6	15 75	6 15	125	10
East Side Y. M. C. A. School, New York.....	27	35		4				4	48 1/2	48 1/2
Harlem Y. M. C. A., Evening School, New York.....	53	42		3	3 20	3	3 18	3	48	48
St. Vincent Ferrer School, New York.....	121	211	61		3 18		3 18		48	48
West Side Y. M. C. A. Schools, New York.....										
NORTH CAROLINA.										
Y. M. C. A. School, Charlotte.....	10	6			3 5		3 5		4 6	4 6
OHIO.										
St. John's Commercial High School, Bellaire.	17	13	19					2 40	30	20
St. Joseph College, Cincinnati.....				5			1			
St. Xavier School, Cincinnati.....	120	90	68	94				2 12	6	6
Y. M. C. A. School, Cincinnati.....	73	40		10	50	10	50		12	12
Central Y. M. C. A. School, Cleveland				6	63	6	63	(5)		
Girls' Catholic High School, Cleveland				36						
St. Francis Commercial School, Cleveland.....	1		25	54				1 20		20
Sacred Heart School, Columbus.....			75							
Y. M. C. A. Institute, Dayton.....	25	22		15			25		14	14
St. Wendelin School, Fostoria.....	7	5	7	10				2		20
Y. M. C. A. School, Hamilton.....	7			5	12		15		88	
Holy Redeemer School, Portsmouth.....	14	7	12	8	29			50	12	12
Y. M. C. A. School, Springfield.....	8			3	20		20		6	6
Y. M. C. A. School, Toledo.....									5	5
Y. M. C. A. School (commercial department), Youngstown.....	13	20	18	22	7 36		7 30		18	18
St. Nicholas High School, Zanesville.....										
OREGON.										
Christian Brothers Business College, Portland.....	86	156		70				(6)	6	6
Y. M. C. A. Schools, Portland.....				7	12	4	12	4	12	4

1 Tuition, \$30 per year.
 2 Tuition fee for 7 months in night school.
 3 Tuition fee for night course.
 4 Time required in night school.
 5 Tuition fee, \$37 for entire course in night school.
 6 Night school.
 7 Tuition fee for 9 months in night school.
 8 Tuition fee, \$5 to \$8 per month.

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