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## STATISTICS OF LAND-GRANT COLLEGES AND AGRICULTURAL EXPERIMENT STATIONS, 1912.

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The following statistical statements relate to the institutions established under the acts of Congress of July 2, 1862, and August 30, 1890, most of which maintain courses of instruction in agriculture, and to the agricultural experiment stations, which, with few exceptions, are organized under the act of Congress of March 2, 1887, and are conducted as departments of the institutions receiving the benefits of the land-grant act of 1862. These statistics have been compiled in part from the annual reports of the presidents of these institutions made on the schedules prescribed by the Commissioner of Education. Tables showing the annual disbursements on account of the acts of Congress of March 2, 1887, August 30, 1890, March 16, 1906, and March 4, 1907, prepared from figures furnished by the Departments of the Treasury and the Interior, are also included. Owing to the complex organizations of many of the institutions, it is impracticable to give exactly comparable statistics in all cases, and in some instances the data furnished are incomplete.

### SUMMARY OF STATISTICS OF LAND-GRANT COLLEGES.

Educational institutions receiving the benefits of the acts of Congress of July 2, 1862, August 30, 1890, and March 4, 1907, are now in operation in all the States and Territories except Alaska. The total number of these institutions is 67, all of which maintain courses of instruction in agriculture. The aggregate value of the permanent funds and equipment of the land-grant colleges and universities in 1912 is estimated to be as follows: Land-grant fund of 1862, \$13,533,868.64; other land-grant funds, \$3,390,215.83; other endowment funds, \$20,129,479.44; land grant of 1862 still unsold, \$5,165,209.81; farms and grounds owned by the institutions, \$22,023,266.60; buildings, \$44,459,391.12; scientific apparatus, machinery, and furniture, \$12,594,728.25; libraries, \$5,636,297.92; live stock, \$796,959.66; total, \$127,729,315.17. The income of these institutions in 1912, exclusive of the funds received from the United States for agricultural experiment stations (\$1,476,643.72), was as follows: Interest on land-grant funds of 1862, \$831,587.51; United States appropriation under acts of 1890 and 1907, \$2,520,502.54; interest

endowment or regular appropriation, \$1,177,197.64; State appropriation for current expenses, \$6,937,410.97; State appropriation for increase of plant, \$4,647,746.97; income from endowment other than Federal or State grants, \$660,779; tuition and incidental fees, \$3,654,050.11; private benefactions, \$2,384,947.71; miscellaneous, \$2,296,065.41; total, \$25,967,130.45. The value of the additions to the permanent endowment and equipment of these institutions in 1912 is estimated as follows: Permanent endowment, \$1,809,100.40; buildings, \$4,721,467.79; libraries, \$283,725.62; apparatus, \$573,186.90; machinery, \$270,547.61; live stock, \$141,412.15; miscellaneous, \$438,721.40; total, \$8,238,161.87.

The number of persons in the faculties of the colleges of agriculture and mechanic arts for white persons was as follows: For preparatory classes, including secondary schools of agriculture, 626; for collegiate and special classes in agriculture, mechanic arts, and in all other instruction, 3,569; total, counting none twice, for interior instructions, 3,835. There were also 161 instructors giving full time and 525 giving part time to agricultural-extension work, 1,583 experiment-station officers, and 2,705 persons in the faculties of other colleges or departments, making a grand total, counting none twice, of 7,192 persons engaged in instruction and research in the land-grant institutions.

The number of persons in the faculties of the colleges of agriculture and mechanic arts for colored persons was as follows: For preparatory classes, 280; for collegiate and special classes, 107; total, counting none twice, 351. In the other departments the faculties aggregated 126, making a grand total of 474 persons in the faculties of the institutions for colored persons.

The students in 1912 in the colleges for white persons were as follows: (1) By classes—Preparatory or secondary schools of high-school grade, 7,248; collegiate, 30,532; postgraduate, 1,326; one to two year and winter courses, 10,845; summer courses, 4,749; total, counting none twice, in interior courses, 53,764. There were also enrolled in correspondence courses, 33,149; in extension courses of five days or longer, away from college, not including farmers' institutes, 106,516; in all other departments of the institutions, 32,685; total number of students, counting none twice, receiving instruction from these institutions, 242,954. (2) By courses: Four-year—Agriculture, which may include a number of students pursuing courses in dairying, animal husbandry, poultry husbandry, or other allied courses, 8,737; horticulture, 322; forestry, 487; veterinary science, 664; home economics, 2,664; engineering, 14,337. Shorter than four year—Agriculture, 8,905; horticulture, 272; forestry, 19; total, counting none twice, 9,196; veterinary science, 84; home economics, 1,103; teachers' courses in agriculture, 1,886 (one to three year, 188;

summer schools of agriculture, 1,698); mechanic arts, 541; military tactics, 19,954.

The students in colleges and schools for colored persons were as follows: (1) By classes—Preparatory, 5,317; collegiate, 1,544; short or special, 1,135; other departments, 596; total, 8,495. (2) By courses—Agriculture, 2,173; teachers' courses in agriculture, 821 (one to four year, 194; summer schools, 627); industrial courses for boys, 2,047; industrial courses for girls, 3,736; military tactics, 2,448.

The graduates in 1912 in the institutions for white persons were as follows: Agriculture, 1,200; mechanic arts, 2,260; home economics, 427; all other courses, 4,494; total, 8,370. The total number since the organization of these institutions is 103,736. The graduates in the institutions for colored persons were 131, and the total number since the organization of these institutions is 7,458. The total number of volumes in the libraries was 2,799,775, and the total number of pamphlets 823,410. The total number of acres of land granted to the States under the act of 1862 was 10,570,842, of which 652,617 are still unsold.

### SUMMARY OF STATISTICS OF THE STATIONS.

Agricultural experiment stations are now in operation under the acts of Congress of March 2, 1887, and March 16, 1906, in all the States and Territories, and under special appropriation acts in Alaska, Hawaii, Porto Rico, and Guam.

In Alabama, Connecticut, Hawaii, Louisiana, Missouri, New Jersey, New York, North Carolina, and Virginia separate stations are maintained wholly or in part by State funds. A number of substations are also maintained in different States. Excluding the substations, the total number of stations in the 48 States is 59, and in the United States, including Alaska, Hawaii, Porto Rico, and Guam, 65. Of these, 50 receive appropriations provided for by the acts of Congress approved March 2, 1887, and March 16, 1906, and 4 by other Federal enactments.

The total income of the stations maintained under the acts of 1887 and 1906 during 1912 was \$4,068,240.09, of which \$1,440,000 (Hatch fund, \$720,000; Adams fund, \$720,000) was received from the National Government, the remainder \$2,628,240.09 coming from the following sources: State governments, \$1,492,798.12; individuals and communities, \$54,878.51; fees for analyses of fertilizers, \$129,884.61; sales of farm products, \$230,271.81; miscellaneous, including all balances, \$720,407.04. In addition to this, the Office of Experiment Stations had an appropriation of \$424,000 for the past fiscal year, including \$30,000 each for the Alaska, Hawaii, and Porto Rico Experiment Stations, \$15,000 for the Guam Experiment Station, \$15,000

for nutrition investigations, \$100,000 for irrigation investigations, \$100,000 for drainage investigations, and \$10,000 for farmers' institutes and agricultural schools. The value of the additions to the equipment of the stations in 1912 is estimated as follows: Buildings, \$1,003,516.47; libraries, \$45,462.83; apparatus, \$71,492.73; farm implements, \$70,659.64; live stock, \$99,774.49; miscellaneous, \$215,221.79; total \$1,506,127.95.

The stations employ 1,583 persons in the work of administration and inquiry. The number of officers engaged in the different lines of work is as follows: Directors, 57; assistant directors, 25; chemists, 250; agriculturists, 32; agronomists, 91; animal husbandmen, 120; dairymen, 90; veterinarians, 60; entomologists, 101; botanists, 61; horticulturists, 121; poultrymen, 40; plant pathologists, 61; zoologists, 3; meteorologists, 9; pomologists, 16; foresters, 21; mycologists, 21; biologists, 7; geologists, 2; plant breeders, 16; bacteriologists, 40; animal pathologists, 8; viticulturists, 5; soil specialists, 50; irrigation and drainage engineers, 26; agricultural engineers and farm mechanics, 15; extension work and farmers' institute directors, 19; farm management, 6; animal nutrition, 11; fertilizer and feed inspectors, 16; agricultural education, 5; in charge of substations, 55; farm and garden foremen, 43; secretaries and treasurers, 22; and librarians, 22.

There are also 56 persons classified under the head "Miscellaneous," including gardeners, laboratory and field assistants, herdsman, editors, inspectors, etc. Six hundred and fifty-eight officers do more or less teaching in the colleges with which the stations are connected. During the year the stations published 719 annual reports, bulletins, and circulars, which were supplied to over 1,016,613 addresses on regular mailing lists. Most of the stations report a large and constantly increasing correspondence with farmers on a wide variety of topics.



STATISTICS OF THE LAND-GRANT COLLEGES AND UNIVERSITIES.<sup>1</sup>

Unless otherwise specified, the statistics reported in the tables are for the institutions as designated in the list given below.

*Institutions established under the land-grant act of July 2, 1862, and their courses of study.*

[All of the institutions in this list, except those marked with an asterisk (\*), maintain courses of instruction in agriculture.]

State or Territory.	Name of institution.	Location.	President.	Four-year courses and degrees. <sup>2</sup>	Collegiate courses of study (undergraduate).	Shorter courses.
Alabama.....	Alabama Polytechnic Institute.	Auburn.....	C. C. Thach, M. A., LL. D.	Agr., civil engin., archi., elect. engin., mech. engin., mining engin., phar., general chem. and metal. (B. S.), phar. (2 yrs., Ph. G., 3 yrs., Ph. C.), vet. med. and surgery (3 yrs., D. V. M.).	Agr., mech. arts (2 yrs.), applied electricity (2 yrs.), summer school for farmers (10 days).	
Arizona.....	Agricultural and Mechanical College for Negroes. University of Arizona.	Normal..... Tucson.....	W. S. Buchanan, B. S. A. Arthur H. Wilde, Ph. D.	Scl., agr., mech. (B. S. and B. P.d.)..... Lit. (A. B.), sci., metal., mining engin., civil engin., mech. engin., elect. engin., agr. (4 yrs.) (B. S.), elect. engin. (4 yrs.) agr. (B. S. A.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), mining engin. (B. M. E.), chem. engin. (B. Ch. E.), chem. (B. S. C.), phys. (B. S. in Phys.) lit. and sci. (B. A. and B. S.), music (B. Mus.), normal (L. I.).	Indus. and lit. studies (1 to 4 yrs.), teachers' training course; com. course (2 yrs.). Agr. (2 yrs.), prep. (4 yrs.).	
Arkansas.....	University of Arkansas.	Fayetteville.....	J. N. Tillman, LL. D.	Letters (A. B.), social sci. (B. L.), natural sci., commerce, general and tech. agr. (4 yrs. each), mech. engin., elect. engin., mining and metal., civil engin., chem., sugar technol. (B. S.) (4 and 5 yrs. each), agron., animal husb., ent., forestry, hort., mech. engin., civil and irrig. engin., elect. engin., general sci., home econ. (B. S.), vet. med. (D. V. M., 3 yrs.).	Agr., hort., dairying, elect. engin. (2 yrs.), mech. arts (2 or 3 yrs.), prep. (1 yr.); agr. (3 weeks), art. (1 yr. and 4 yrs.); cor. courses in agr.; teachers' course in agr. (1 yr.).	
California.....	*Branch Normal College. University of California.	Pine Bluff..... Berkeley.....	F. T. Venegar..... B. I. Wheeler, Ph. D., LL. D.		Prep. (3 yrs.), manual training, mech. arts (4 yrs.), agr. (2 yrs.), dom. sci. (4 yrs.). Agr., animal indus. and vet. sci., irrig., poultry husb., dairying, nutrition, ent., vit., hort. (2-8 weeks each), summer session (6 weeks), farmers' week.	
Colorado.....	The State Agricultural College of Colorado.	Fort Collins.....	C. A. Lory, M. S., LL. D.		Agr., mech. arts, domestic sci. (3 yrs. of 6 months each; optional fourth year of 6 months for college entrants), farmers' and dom. sci. week.	

<sup>1</sup> Including also institutions receiving apportionments from the appropriations of 1890 and 1907.

<sup>2</sup> Four-year course unless otherwise specified.

*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	Shorter courses.
Connecticut	Connecticut Agricultural College.	Storrs	C. L. Beach, B. Agr., B. S.	Agri. (B. S.)	Agri. (including dairy and poultry husbandry) (4 yrs., diploma with 2 yrs. of previous preparation in high school), school of mech. arts, agr., home econ., (2 yrs. agr.), summer school of nature study and agr. (2 yrs.), farmers' week, 8 weeks course in agr.
Delaware	Delaware College.	Newark	G. A. Harter, M. A.	Arts and sci. (B. A. and B. S.), agr., general sci., (1 yr.), mech. engin., elect. engin. (B. S.), Agr. (B. S.)	Normal (4 yrs.), industrial prep. (2 yrs.).
Florida	State College for Colored Students, University of the State of Florida.	Dover Gainesville	W. C. Jason, A. M. A. A. Murphee, A. M., LL. D.	Lit. (B. A.), pedag. (B. A. in Ed.), gen. sci., agron., hort., animal husb., agr. schem., agr.-pedag., mech. engin., elect. engin., civil engin. (B. S.), law (LL. B.).	Agri., mech. arts, pedag. (2 yrs.) prep. (1 yr.) summer school for teachers (6 weeks) corresp. course in agr. for teachers and farmers, farmers' short course (4 weeks)
Florida	Florida State Normal and Industrial School.	Tallahassee	N. B. Young, M. A.	Sci. (B. S.)	English normal (2 yrs.), high school (3 yrs.), grammar school (3 yrs.), indus. and agr. training through all courses, corresp. course in agr. and laboratory courses in gen. agr.
Georgia	Georgia State College of Agriculture and Mechanic Arts.	Athens	A. M. Soule, B. S. A., D. Sc.	General sci., agr., civil engin., elect. engin., forestry (B. S.), phar. (2 yrs., Ph. C.).	Agri., hort., dairying (1 yr.), agr. (winter, 12 weeks) cotton grading (Jan. and July, 5 weeks each), cotton school (winter, 10 days), and stockmen's short course. Normal (3 yrs.) industrial prep. (3 yrs.) dairying (1 yr.)
Hawaii	Georgia State Industrial College.	Savannah	R. R. Wright, A. M., LL. D.	Collegiate (A. B.)	Agri., dom. sci., miscel. (10 weeks), corresp. Agr. (3 yrs.), dairying (com'l, 1 yr.), forest rangers (winter), home econ. (3 yrs.), teacher's course in agr. (1 yr.)
Idaho	College of Hawaii, University of Idaho	Honolulu Moscow	J. W. Gilmore, M. S. A., J. A. McLean, Ph.D., LL. D.	Sci., agr., home econ., engin. (B. S.), Clas. (B. A.), sci. (B. S.), agron., animal husb., dairying, hort., forestry (B. S. Agr.), home econ. (B. S. A. E.), civil engin. (B. S. C. E.), mining engin. (B. S. M. E.), elect. engin. (B. S. E.), mech. engin. (B. S. M. E.), chem. engin. (B. S. Chem.), law (3 yrs., LL. B.).	Agri., dom. sci., miscel. (10 weeks), corresp. Agr. (3 yrs.), dairying (com'l, 1 yr.), forest rangers (winter), home econ. (3 yrs.), teacher's course in agr. (1 yr.)
Illinois	University of Illinois	Urbana	E. J. James, Ph.D., LL. D.	Lit. and arts, general sci. (B. A.), archi., archi. engin., archi. decoration, civil engin., elect. engin., mech. engin., railway engin., municipal and sanitary engin., mining engin., ceramics, ceramic engin., chem. engin., sci., agr., household sci., landscape gard. (B. S.), music (B. M.).	Summer school, including secondary and el. agr. for rural teachers (6 weeks), agr. and domestic sci. (2 weeks).



Indiana.....	Purdue University.....	Lafayette.....	W. E. Stone, Ph. D., LL. D.	libr. sci. (B. L. S., 5 yrs.) med. (M. D.), dentistry (3 yrs., D. D. S.), phar. (2 yrs., Ph. G.), law (3 yrs., LL. B.), phar. chem. (2 yrs., Ph. C.), Mech. engin. (B. S. M. E.), civil engin. (B. S.), C. E.) elect. engin. (B. S. E. E.), chem. engin. (B. S. Ch. E.), agr. (B. S. Agr.) sci., household econ. (B. S.), phar. (B. S., Phar.) phar. (2 yrs., Ph. G.)	Agr. and hort., animal husb., dairy husb., dom sci. and agr. (winter, 8 weeks) but- ter making (10 days, winter), farmers' week, fruit growing (10 days).
Iowa.....	Iowa State College of Agriculture and Me- chanic Arts.	Ames.....	R. A. Pearson, M. S.	Agron., dairying, animal husb., hort. and forestry, agr. engin., sci. and agr. (B. S.), vet. med. (D. V. M.), mech. engin. (B. S.), in M. E.), civil engin. (B. S. C. E.), elect. engin. (B. S. in E. E.), mining engin. (B. S. in M. E.), sci. (B. S.), ceramics (B. S. in Cer.), dom. sci. (B. S. in H. E.).	Aggr. (2 yrs.), mining engin., clay working (2 yrs.), prep. (1 yr.), dairying (1 yr.), poultry husb. (1 yr.), dairying (16 weeks), corn and grain judging, stock judging, domestic econ., hort. and forestry, agr. engin., dairying poultry husb. (winter, 2 weeks each), summer vacation school of road investigation, agr. animal husb., dairying, hort., manual training, house- hold econ. (summer, 2 weeks)
Kansas.....	Kansas State Agricul- tural College.	Manhattan.....	H. J. Waters, B. S. A..	Agron., animal husb., dairy husb., hort., mech. engin., general sci., elect. engin., civil engin., archi., ind. jour., printing indus., journalism (B. S.), vet. med. (D. V. M.), home econ.	Prep. (2 yrs.), agr. (2 yrs.) domestic sci. (2 terms, 12 weeks each) farmers' (2 winter terms, 10 weeks each) summer, home- econ. course for teachers (10 weeks) dairy ing (3 winter terms, 10 weeks each) dairy manf. (1 yr., winter) agr. manual train- ing, dom. sci. for teachers (summer, 6 weeks), farmers' week, corresp. courses in agr.
Kentucky.....	State University.....	Lexington.....	Henry S. Barker, LL. D.	Clas. (A. B.), mech. engin. (B. M. E.), civil engin. (B. C. E.), mining engin. (B. E. M.), agr. (B. S. Agr.), sci. dom. sci. (B. S.), education (B. S. Educ. and A. B. Educ.), law (3 yrs., LL. B.).	Aggr. (3 yrs.), prep. (3 yrs.), rural and high- way engin. (2 yrs.), mining engin. (2 yrs.), pract. mining (8-10 weeks), agr. (winter, 10 weeks), farmers' week.
Louisiana.....	The Kentucky Normal and Industrial In- stitute for Colored Persons.	Frankfort.....	J. S. Hathaway, A. M., M. D.	.....	Normal (3 or 4 yrs.), agr., carpentry, cook- ing, music, dressmaking, printing, black- smithing, wheelwrighting (3 yrs.) busi- ness (2 yrs.), manual training courses in mech., draw., agr., printing, carpentry, sew., and cooking.
Louisiana.....	Louisiana State Uni- versity and Agricul- tural and Mechan- ical College.	Baton Rouge.....	T. D. Boyd, A. M., LL. D.	Aggr., elect. engin., chem. engin., civil engin., mech. engin., general sci., premed. (B. S.), commerce, Lat. sci., lit., philos., psychol. and ed. (B. A.), sugar engin., (5 yrs., B. S.), law (3 yrs., LL. B.), law (3 yrs., B. C. L.).	Aggr. (3 yrs.), agr. (2 weeks, winter), sum- mer school including agr. for teachers and others (9 weeks).
Louisiana.....	Southern University and Agricultural and Mechanical College.	New Orleans.....	H. A. Hill.....	Scientific (B. S.), classical (A. B.).....	Sci., agr., high school, printing, girls' indus. (4 yrs.), clas. normal, manual training, grammar, mech. drawing, tinsmithing, wheelwrighting, dom. sci. (3 yrs.), book- keeping, typewriting (2 yrs.), music (5 yrs.), agr. (1 yr. for students over 18 yrs.).

1 To take charge Sept. 1, 1912.

*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Four-year courses and degrees.	Shorter courses.
Maine.....	University of Maine...	Orono.....	R. J. Aley, Ph. D.....	<p>Class. sc., (B. A.) agron., animal husb., hort., home econ., chem., civil engin., mech. engin., el. eng., chem. eng., forestry, phar., el. agr. for teachers (B. S.), law (3 yrs., LL.B.), phar. (2 yrs., Ph. C.).</p>	<p>Secondary agr. (2 yrs.), agr. for teachers (1 yr.), home econ. for teachers (2 yrs.), agr. hort. (4 weeks), poultry management hort. (3 weeks), singing, summer school for teachers (6 weeks), farmers' week, reading and correspondence courses in agr. and dom. sci.</p> <p>Agr. hort. (2 yrs.), prep. (1 yr.), agr. and hort. (winter, 10 weeks).</p>
Maryland.....	Maryland Agricultural College.	College Park.....	R. W. Silvester, M. S., LL. D.	<p>Agron., animal husb., hort., chem., gen. course, biol., mechan. engin., civil engin., elect. engin. (B. S.).</p>	<p>College prep. and normal (4 yrs.), grammar (2 yrs.), indus. courses in agr., dairying, blacksm., wheelwr., carpentry, printing, dom. sci. and art.</p> <p>Agr. hort., floriculture, dairying (winter, 10 weeks), poultry met. (2 weeks), bee-keeping (May), summer school of agr., school gard., home econ., etc., for teachers et al. (2, 4, and 6 weeks), farmers' week, corresp. course.</p>
Massachusetts.....	Princess Anne Acad-emy.	Princess Anne.....	T. H. Kiah.....		
Massachusetts.....	Massachusetts Agri-cultural College.	Amherst.....	K. L. Butterfield, A. M., LL. D.	<p>Agr. (B. S.).</p>	
Michigan.....	*Massachusetts Insti-tute of Technology.	Boston.....	R. C. MacLaurin, M. A., LL. D., D. Sc.	<p>Civil engin., mech. engin., mining engin. and metal, archi., chem., elect. engin., biol., phys., electro-chem., chem. engin., sanitary engin., geol. and geodesy, naval archi., general sci. (B. S.).</p> <p>Agr. engin., hort., forestry, home econ. (B. S., each 4 and 5 yrs.), vet. sci. (D. V. S.).</p>	<p>Prep. (1 yr.), agr. for teachers (1 yr.), cheese making (4 weeks), general agr., poultry husb. (2 winter terms of 8 weeks each), creamery (2 winter terms of 6 weeks each), hort. (4 weeks, winter), forestry (1 sum-mer term of 8 weeks each), college ex-ter. reading course.</p> <p>Sec. agr. (3 yrs.), agr. (4 weeks), forestry, dairying (winter, 4 weeks), traction engin. (4 weeks), el. agr., nature study and dom. sci. and art for teachers (summer, 6 weeks).</p>
Minnesota.....	The University of Minnesota.	Minneapolis.....	G. E. Vincent, Ph. D., LL. D.	<p>Sci., lit., and arts (B. A.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), mining, metal. (E. M., Met. E.), chem. (B. S., in Chem.), agr. (B. S.), for-estry (B. S.), home econ. (B. S.), educa-tion (B. A. in Ed.), agr. (summer, 6 weeks).</p> <p>Agr., mech. engin., elect. engin., civil and mining engin., textile indus., indus. edu-cation, gen. sci. (B. S.).</p>	
Mississippi.....	Mississippi Agri-cultural and Mechan-ical College.	Agricultural Col-lege.	J. C. Hardy, A. M., LL. D.		

Alcorn Agricultural and Mechanical College.	Alcorn.....	J. A. Martin, A. M.....	Sci., agr. (B. S.).....	for teachers (4 weeks) agr. (summer, 2-4 weeks), teachers' short course indus. educa, agr. manual training.
University of Missouri.	Columbia.....	A. R. Hill, A. B., Ph. D., LL. D.	Gen. sci. (B. A.), agr. home econ. (B. S.), forestry (M. E.), civil engin. (B. S.), C. E.), mech. engin., min. engin. (B. S., M. E.), elect. engin. (B. S., E. E.), chem. engin., chem. and metal., journalism, educ. (B. S.), law (3 yrs., LL. B.), Collegiate (B. A.).....	Carp., blacksm. (4 yrs.) shoemak., nurse training, paint, dom. sci., millinery, etc. (3 yrs.); agr. (2 yrs.), college prep. (3 yrs.), primary (3 yrs.). Agr. (winter, 2 yrs. of 14 weeks each), min- ing and assaying, electricity, surveying (2 yrs. each) summer school for teachers (9 weeks), poultry husb. (winter, 7 weeks) farmers' week, dairying, agr., home econ. (winter, 7 weeks). Normal, subnormal (4 yrs. each), indus. (3 yrs.) agr., dom. sci. and art, mech. draw, carpentry, blacksmithing, mach. and engin. (2 yrs.), summer school (9 weeks) music (8 grades).
Montana Agricultural College.	Bozeman.....	J. M. Hamilton, M. S.....	Mech. engin. (B. M. E.), elect. engin. (B. E.), civil engin. (B. C. E.), agron., animal husb. and dairying, hort., home econ., chem., biol., math., phys., history, lit., phar., secretarial (B. S.), phar. (2 yrs., Ph. C.),.....	Prep., music, art (4 yrs.), sec. agr. (3 yrs.), home econ. (1 yr.), animal husb. (winter, 2 weeks), soils, field crops, hort., dairy- ing, and poultry.
University of Nebraska.	Lincoln.....	Samuel Avery, Ph. D.	Clas., lit. (B. A.), general sci., general agr., home econ., agr. engin., civil engin., elect. engin., municipal engin., mech. engin., forestry, phar. (B. S.), teachers' course (B. A. and B. S.), med. (M. D.), law (3 yrs., LL. B.), phar. (3 yrs., Ph. C.), 2 yrs., Ph. G.),.....	Vocational agr., home econ. (4 yrs. each) high and normal and grade and rural school teachers' courses in agr., home econ., and manual training (1 yr. each) home econ. for teachers (2 yrs.), agr. (win- ter, 7 weeks) teachers' summer school, including agr. and home econ. (8 weeks) corresp. courses in soils, cereal and forage crops and elementary agr. for high-school teachers. Winter short course in dairying.
University of Nevada.	Reno.....	J. E. Stubbs, M. A., D. D., LL. D.	Liberal arts (B. A.), mining engin., agr., domestic sci., mech. engin., civil engin., elect. engin., edu., general sci. (B. S.), Agr., mech. engin., elect. engin., chem. engin., arts and sci. (B. S.),.....	Agr. (2 yrs.); dairying (winter, 10 weeks), farmers' week.
The New Hampshire College of Agriculture and Mechanic Arts.	Durham.....	W. D. Gibbs, D. So.....	Clas. (A. B.), Lat. sci. (Litt. B.), general sci., agr., civil engin., mech. engin., elect. engin., chem., biol., and ceramics (B. S.),.....	Clay working (2 yrs.), general agr. and dairy farming, poultry husb., fruit grow- ing, and market gardening (winter, 12 weeks each), farmers' week.
Rutgers Scientific School, the New Jersey State College for the Benefit of Agriculture and Mechanic Arts.	New Brunswick...	W. H. S. Demarest, A. M., D. D., LL. D.	Agr., mech. engin., civil engin., elect. en- gin., household econ., commerce, gen- eral sci. (B. S.).	Sec. indus. agr., indus. mech., indus. dom. sci., indus. business, prep. (4 yrs. each), Engl. and Engl.-Spanish sten. (1 yr. each), farmers' week.
New Mexico College of Agriculture and Mechanic Arts.	Agricultural Col- lege.	W. E. Garrison, Ph. D.		

Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	Shorter courses.
New York.....	New York State College of Agriculture at Cornell University.	Ithaca.....	J. G. Schurman, A. M., D. Sc., LL. D.	Arts (A. B.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), archi. (B. Arch.), agr. (B. S. A.), vet. med. (3 yrs., D. V. M.), graduate law (3 yrs., LL. B.), med. (M. D.), chem. (B. Chem.).	Mech. arts, textile art, agr. (2 yrs.), normal courses in agr. and nature study (1 and 2 yrs.), agr. (1 yr.), May school for agr. teachers (1 month), corn culture (1 week, January), farm drainage (1 week), agr. hist.
North Carolina.....	The North Carolina College of Agriculture and Mechanic Arts.	West Raleigh.....	D. H. Hill, A. M., LL. D.	Agri. (B. S.), mech. engin., civil engin., elect. engin., textile sci. and art (B. E.), chem., dyeing (B. S.).	Trade course (4 yrs.), summer school (6 weeks).
North Dakota.....	The Agricultural and Mechanical College for the Colored Race North Dakota Agricultural College.	Greensboro..... Agricultural College.	J. B. Dudley, A. M., LL. D. J. H. Worst, LL. D.	Agri. (B. S.), mech. (B. S.)..... Agr., gen. sci., home econ., biol., mech. engin., civil engin., pharm., chem., chem. engin., education, vet. sci. (B. S.).	Farm husb., power mach. (3 yrs. each) phar., home econ. (3 yrs.), high-school agr., commerce dom. sci., mech. arts and manual training, general sci. (4 yrs.) nature study, el. agr., dom. sci. and manual training for rural teachers (4 yrs.), agr. steam engin. (winter, 10 weeks each), traction engin. (summer, 4 weeks), summer school for teachers including agr. nature study, and home econ. (4 weeks), music.
Ohio.....	Ohio State University	Columbus.....	W. O. Thompson, A. M., LL. D., D. D.	Agri. (B. S. Agr.), ed., hort., forestry, dom. sci., chem. engin., manual training, phar. (B. S.), arts, philos. and sci. (B. A.), archi. (C. E. in Archi.), civil engin. (C. E.), ceramic engin. (Cer. E.), min. engin. (E. M.), elect. engin. (M. E. in E. E.), mech. engin. (M. E.), vet. med. (3 yrs., D. V. M.), law (3 yrs., LL. B.).	Farm husb., animal husb., clay working, indus. arts, mining, phar. (2 yrs.), agr. (8 weeks), summer session (8 weeks), winter dairy school.
Oklahoma.....	Oklahoma Agricultural and Mechanical College.	Stillwater.....	J. H. Connell, M. S.....	Agri., animal husb., hort., agron., dairy husb., mech. engin., archi. and civil engin., elect. engin., sci. and lit., dom. sci. and art, normal (B. S.).	Sec. agr. and dom. sci. (2 yrs.), business, agr. (1 yr.), agr. and dairy (winter, 10 weeks), dairying (winter, 4 weeks), cotton grading (3 weeks), ice-cream making (2 weeks), milk and cream testing (1 week), summer normal for teachers of agr. (6 weeks), reading course in agr. for teachers (2 yrs.), farmers' week, agr. and dom. sci. (1 week).

Oregon.....	Agricultural and Normal University.	Langston.....	I. E. Page, A. M.....	Clas. (B. A.) sci. (B. S.) normal (B. S. D.), agr. (B. S. Agr.), elec. engh., mech. engh., archi. engh. (B. M. E.).	Normal, el. with required agr. (4 yrs. each), prep. (3 yrs.), agr. (3 yrs.), agr. (1 yr.), trade courses in carpentry, mach., blacksm. steam engh. (3 yrs.).
Oregon.....	Oregon State Agricultural College.	Corvallis.....	W. J. Kerr, D. Sc.....	Agron., hort., animal husb., agr. chem., dairy husb., ent. bact. et. sci., poultry husb., mech. engh., lect. engh., civil engh., mining engh., dom. sci. and art., forestry, phar., commerce (B. S.).	Sec. agr., dom. sci. and art., commerce, forestry, mech. arts (2 yrs.), phar. (2 yrs.), agron., animal husb., dairying, hort., forest rangers, dom. sci. and art, mech. arts, (winter, 4 weeks each), summerschool for teachers, including agr. and home econ. (6 weeks), farmers' week, music.
Pennsylvania.....	The Pennsylvania State College.	State College.....	E. E. Sparks, Ph. D., LL. D.....	Classical, mod lang. and lit., history and poli sci., phys., and ed. prep., to law, agril chem., agron., animal husb., dairying, hort., bot., landscape gard., forestry, home elec., bot., chem., civil engh., elect. engh., electrochem., engh., indus. chem., flour mill engh., indus. engh., math., archi. engh., mech. engh., mining engh., metal engh., phys., prep. to med., sanitary engh., ind. arts, highway engh., fy. mech. engh., min. geol., manual training (B. S.).	Agf., mech. arts for teachers (2 yrs.), agr., hort., dairy husb., dairy manul., poultry husb., home econ. (2 weeks), summer session for teachers (6 weeks), 33 correspond. courses in agr. and dom. sci., farmers' week, teachers' course in agr. (1 yr.).
Porto Rico.....	University of Porto Rico.	San Juan.....	F. M. Bainter.....	Agron., animal husb., bot., chem., dom. sci., hort., phys., zool., ed., manual training, farm man., soils, rural econ., forestry, bact., ent. (4-yr. courses, but no degrees conferred).	Normal nature study, el. agr., sewing, bot., zool. (18 weeks each), dom. sci., school gardening (1 yr. each).
Rhode Island.....	Rhode Island College of Agriculture and Mechanic Arts.	Kingston.....	Howard Edwards, M. A., LL. D.....	Agf., mech. engh., civil engh., chem. engh., elect. engh., teachers' course in applied sci., home econ. (B. S.).	(2 yrs.), poultry school (winter, 6 weeks), summer school for teachers et. al. in el. agr., nature study, school gard., and dom. sci., farmers' week.
South Carolina.....	The Clemson Agricultural College of South Carolina.	Clemson College.....	W. M. Riggs, E. M. E., LL. D.....	Agf., agr. and chem., agr. and animal husb., mech. and elect. engh., civil engh., (B. S.), textile indus., archi., engh.	Agf. (2 yrs.), mech. arts (2 yrs.), dom. sci. (2 yrs.), poultry school (winter, 6 weeks), summer school for teachers et. al. in el. agr., nature study, school gard., and dom. sci., farmers' week.
South Carolina.....	The Colored Normal, Industrial, Agricultural and Mechanic College of South Carolina.	Orangeburg.....	R. S. Wilkinson, Ph. D.....	Collegiate (B. A.), mech. (B. S.), agr. (B. Agr.).	Textile indus. (2 yrs.), prep. (1 yr.), cotton grading (4 weeks), farmers' course in (winter, 4 weeks), 2-yr. work course in agr., agr. (1 yr.).
South Dakota.....	South Dakota State College of Agriculture and Mechanic Arts.	Brookings.....	R. L. Shagle, A. M., Ph. D.....	Agf. home econ., general sci., mech. engh., elect. engh., fy. engh., phar. (B. S.), phar. (2 yrs., Ph. G.).	Prep. (3 yrs.), normal (4 yrs., L. I.), model school. Indus., music, art.

*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Four-year courses and degrees.	Shorter courses.
Tennessee.....	University of Tennessee.	Knoxville.....	Brown Ayres, Ph. D., LL. D., D. C. L.	Lit. (B. A.) agr. home econ. sci., civil engin., mech. engin., elect. engin., mining engin., metal engin., chem. engin. (B. S.); med. (M. D.) education (B. A. and B. S. in Ed.), dental surgery (3 yrs. D. D. S.), law (3 yrs. LL. B.), pharm. (Ph. C.) 2 yrs.	El. agr. for negroes (4 yrs.), agr., prep. med. (2 yrs. each), agron., hort., animal husb., dairy husb., poultry husb., beekeeping, home econ. (10 weeks, in succession 2 weeks each), summer school of agr. for teachers (9 weeks).
Texas.....	Agricultural and Mechanical College of Texas.	College Station.....	R. T. Milner.....	Agr., elect. engin., mech. engin., civil engin., archi., archi. engin., chem. engin., textile engin. (B. S.).	Agr. (2 yrs.) textile engin. (2 yrs.), practical farmers' course (6 weeks), farmers' course in agr., school of cotton classing (6 weeks)
Utah.....	Prairie View State Normal and Industrial College. Agricultural College of Utah.	Prairie View..... Logan.....	E. L. Blackshear I. J. A. Widstoe, Ph. D.	..... Agron., hort., animal husb. and dairying, home econ. ent., agr. engin., agr. chem., commerce, general sci. (B. S.).	Normal and indus., including agr., mech. arts, and dom. sci. (4 yrs.) mech. arts (2 yrs.) agr. and hort. (2 yrs.), dairying (2 yrs.), summer school. Manual training in mech. arts (4 yrs.), high-school commerce (4 yrs.), prep. (3 yrs.) commerce (2 yrs., winter), mech. arts (2 yrs., winter), agr., domestic sci. and mech. arts (8 weeks), forestry (12 weeks), summer school (6 weeks), farmers' roundup and housekeepers' conf. (2 weeks), music.
Vermont.....	University of Vermont and State Agricultural College.	Burlington.....	G. P. Benton, LL. D., D. D.	Clas. (B. A.), lit. sci. (Ph. B.), civil and sanitary engin., elect. engin., mech. engin., chem., agr., commerce and econ., education, home econ. (B. S.), med. (M. D.).	Agr. (winter, 5 weeks); farm dairying (4 weeks) summer school for teachers, including dom. sci. (6 weeks), farmers' week.
Virginia.....	The Virginia Agricultural and Mechanical College and Polytechnic Institute.	Blacksburg.....	P. B. Barringer, M. D., LL. D.	Agr., hort., applied chem., civil engin., mech. engin., elect. engin., mining engin., chem. engin., agr. engin., metal and metallurgy, applied geol., applied biology (B. S.).	Agr. (2 yrs.), farmers' winter course (1 month).
	The Hampton Normal and Agricultural Institute.	Hampton.....	H. B. Frissell, D. D., LL. D.	.....	Academic (4 yrs.), trade (3 yrs.), pract. agr. (3 yrs.), Graduate Agr. (1 yr.), home econ. (2 yrs.), matrons' course (2 yrs.), normal (2 yrs.), business (2 yrs.), library methods (2 yrs.), summer session for teachers in agr., dom. sci., etc. (4 weeks).



Washington.....	State College of Washington.	Pullman.....	E. A. Bryan, A. M., LL. D.	Math, civil engin., phys., hydro-elect. engin., domestic econ., phar., chem., bot., zool., econ. biol., agron., animal husb. and dairying, hort., forestry, vet. sci., econ. sci. and hist., elect. engin., mech. engin., mining engin. (B. S., B. A.), geol., Engl. lang. and lit., modern lang., Latin, education archi. (B. A.), vet. sci. (3 yrs., D. V. S.), phar. (2 yrs., Ph. G.), music (3 yrs., B. Mus.), General culture (B. A., B. S.), mech. and elect. engin. (B. S., M. E.), civil engin. (B. S., C. E.), mining engin. (B. S., E. M.), agr. (B. S., Agr.), commerce (B. S., Com.), law (4 yrs., LL. B.).
West Virginia.....	West Virginia University.	Morgantown.....	T. E. Hodges, A. M., D. Sc.	.....
Wisconsin.....	The West Virginia Colored Institute. University of Wisconsin.	Institute Madison.....	Byrd Prillerman, A. M. C. R. Van Hise, Ph. D., LL. D.	Sci. commerce, journalism (B. A.), normal (B. Ph.), sci. agr. for teachers (B. S. and B. A.), agr., civil engin., mining engin., mech. engin., elect. engin., applied electrochem., chem., chem. engin., phar., home econ. (B. S.), music (Grad. in Mus.), law (3 yrs. prof., LL. B.), phar. (2 yrs., Ph. G.).
Wyoming.....	University of Wyoming.	Laramie.....	C. O. Merics, A. M., LL. D.	Liberal arts (B. A.), agr. home econ., engin. (B. S.), commerce (B. S., in Corn.).

1 Principal.

Gold and metal mining (2 yrs. each), el. sci. (3 yrs.), art (2 yrs.) 1 yr. course for forest rangers, artisans (1 yr.), bookkeeping, sten. (1 yr. each), agr. (20 weeks), mining (12 weeks), dairying (8 weeks), summer science school for teachers (6 weeks), hort.

Commerce (2 yrs.), agr. (4 yrs., 6 months each), agr., hort., animal husb., dairying, poultry culture (12 weeks), el. agr. and nature study for teachers (summer, 6 weeks), agr. (farmers' course, 2½ weeks), agr., short course (winter, 12 weeks for 2 yrs.), music (3 and 4 yrs., cert.), art (4 yrs., diploma).  
Normal, agr., acad., mech., printing (4 yrs.), sewing, dressmaking, com'l, cooking, millinery (2 yrs.).  
Agr. (2 yrs.), agr. (2 winter courses, 14 weeks each), dairy school (winter, 12 weeks), creamery (summer, 10 weeks), farmers' course (10 days, winter), summer school, including agr. and home econ. (6 weeks), spec. cheese and creamery, housekeepers', boys' corn and seed grain (1 week), housekeepers' conf., corresp.  
Prep., commerce (4 yrs.), summer school (6 weeks), music, corresp. courses.

## General statistics of land-grant

State or Territory.		Date of establishment of institution.	Date of establishment of agricultural courses.	Faculty and staff.						
				College of agriculture and mechanic arts.						
				Interior instruction.				Agricultural extension department workers.		
				Preparatory classes. <sup>1</sup>	Secondary schools of agriculture.	Collegiate and special classes.	Total. <sup>2</sup>	Full time.	Part time.	
1	Alabama.....	1872	1872			67	67	4		
2	Arizona.....	1891	1891	13		20	33		10	
3	Arkansas.....	1872	1872			4	4	3	9	
4	California.....	1868	1868		20	88	101	2	25	
5	Colorado.....	1877	1878		41	49	65	1	59	
6	Connecticut.....	1881	1881	7	15	23	25		1	
7	Delaware.....	1870	1870			13	13		4	
8	Florida.....	1884	1884		2	18	20	2	15	
9	Georgia.....	1872	1872			27	27	20	7	
10	Hawaii.....	1907	1907			18	18		3	
11	Idaho.....	1892	1892	2	20	35	50	2	16	
12	Illinois.....	1867	1868			156	156	3		
13	Indiana.....	1874	1874			163	163	6		
14	Iowa.....	1869	1869			153	153	17	17	
15	Kansas.....	1863	1874	7		131	138	14	27	
16	Kentucky.....	1865	1880	5		70	70			
17	Louisiana.....	1877	1887		4	48	51	3		
18	Maine.....	1865	1868	13		80	91		13	
19	Maryland.....	1859	1859	7		25	25	1	18	
20	Massachusetts (Amherst).....	1867	1867			56	56	3	24	
21	Massachusetts (Boston).....	1865				245	245			
22	Michigan.....	1855	1855			115	115	5	10	
23	Minnesota.....	1869	1869		90	84	162	13	1	
24	Mississippi.....	1880	1880	3		60	63	2		
25	Missouri (Columbia).....	1870	1870			67			40	
26	Montana.....	1893	1893	15	15	33	40	1	14	
27	Nebraska.....	1869	1869		42	46	49	3	32	
28	Nevada.....	1873	1888	12		35	39			
29	New Hampshire.....	1866	1866		27	46	47		10	
30	New Jersey.....	1864	1865	14		52	63			
31	New Mexico.....	1889	1890	3		40	43		1	
32	New York.....	1865	1865			143	143			
33	North Carolina.....	1889	1889			54	54	3		
34	North Dakota.....	1890	1890	33	22	50	61	3	17	
35	Ohio.....	1870	1873			195	195	16	7	
36	Oklahoma.....	1891	1892	5	47	64	116	4	2	
37	Oregon.....	1868	1888		(6)	108	108	1	4	
38	Pennsylvania.....	1855	1859			197	197	2		
39	Porto Rico.....	1903	1904	12		22	34			
40	Rhode Island.....	1888	1890			31	31	3		
41	South Carolina.....	1889	1893	2		53	55	5	58	
42	South Dakota.....	1881	1884	5	7	48	60	1	7	
43	Tennessee.....	1794	1869	12		32	44		6	
44	Texas.....	1871	1871			86	86	6	1	
45	Utah.....	1888	1889		32	39	71	5	20	
46	Vermont.....	1865	1885			21	21			
47	Virginia.....	1872	1872			62	62			
48	Washington.....	1892	1892	36		96	104	5	16	
49	West Virginia.....	1867	1867			10	10	2	7	
50	Wisconsin.....	1848	1866		33	164	164		23	
51	Wyoming.....	1887	1891	3		27	27		1	
	Total.....				209	417	3,569	3,835	161	525

<sup>1</sup> Including schools of agriculture of high-school grade under the control of the institution.<sup>2</sup> Counting none twice.<sup>3</sup> Including substations.<sup>4</sup> Including 25 lecturers regularly appointed.

colleges for white students, 1912.

Faculty and staff.			Library.		Number of acres allotted to State under act of 1862.	Number of acres of land grant still unsold.	Number of acres in farms and grounds.	Rates of interest on land-fund of 1862.	
College of agriculture and mechanic arts.	Experiment station officers. <sup>3</sup>	Total. <sup>2</sup>	Number of volumes.	Number of pamphlets.					
		Total for entire institution, counting none twice.						Per cent.	
54	76	76	25,000	3,500	240,000			8	1
12	43	43	18,000	5,000			325		2
17	23	174	20,000	19,000			79		3
60	66	130	247,400	65,000	150,000		160	8	4
26	80	80	40,000	50,000	150,000	1,402	1,309	6	5
32	33	33	12,000	1,000	90,000	40,000	1,818	6	6
13	11	17	18,900	2,500	180,000			5	7
17	36	51	13,000	4,500	90,000			227	8
8	27	27	38,100	10,500	90,000			589	9
	18	18	9,260	8,500	270,000			987	10
26	60	73	27,707	3,500	90,000		90		11
70	239	543	212,700	23,000	480,000	161,159	337		12
52	196	196	27,000	5,000	390,000		700	5	13
40	226	226	35,850	41,000	204,000		280	5	14
61	86	165	40,916	20,000	82,313		1,175	6, 7, 8	15
34	70	103	5,000	2,000	330,000	7,686	751	5, 5½, 6, 7	16
36	76	90	3,500		210,000		290	6	17
23	117	117	48,000		210,000		724	4, 5	18
14	44	44	6,000	5,000	210,000		473	5	19
30	84	84	37,369		360,000		280	5, 6	20
	245	245	92,148	25,875			545		21
29	44	44	36,079		235,673	50,721	684	7	22
56	162	499	160,000	25,000	94,000		1,814	3, 4, 5	23
18	70	70	28,300	11,963	207,920		2,000	6	24
55	81	238	124,310	20,650	277,016	47,607	796	5	25
18	50	50	11,708	6,500	90,000	117,863	380		26
33	56	255	99,650	5,000	90,000	7,494	330	4½, 6	27
15	47	57	22,680	12,000	90,000		95		28
17	51	51	30,000	10,000	150,000	14	410		29
30	80	80	66,991	5,000	210,000		285	5	30
21	48	48	14,732	20,594			435		31
79	143	724	409,700	62,000	989,920		1,099	5	32
49	71	71	10,528	6,000	270,000		485	6	33
45	90	90	23,461	1,400	130,000	36,223	943		34
57	228	273	116,728	10,000	630,000		439	6	35
17	132	132	15,943	80,000	250,000		1,000		36
39	134	140	19,222	20,000	90,000	4,200	340	6	37
58	209	209	44,613	75,000	780,000		400	6	38
9	43	43	7,800				223		39
14	49	49	19,210	7,000	120,000		169	3	40
19	64	64	16,295	9,000	180,000		1,744	6	41
20	61	61	15,120	5,500	160,000		560		42
21	62	156	34,596	32,874	300,000		272	6	43
27	119	119	( <sup>8</sup> )		180,000		2,416	6, 7	44
26	74	74	21,276	25,273	200,000	22,992	124		45
18	32	110	85,871	34,920	150,000		338	6	46
29	80	80	18,950	33,650	300,000		408	6	47
32	123	146	31,182	6,700	90,000	65,931	486		48
16	34	99	46,000	2,500	150,000		130	6	49
78	164	581	185,079	60,000	240,000		1,280	4	50
13	30	44	31,000		90,000		1,154		51
1,583	4,487	7,192	2,724,874	858,399	10,570,842	652,617	33,136		

<sup>1</sup> Instruction in the first two years of these courses is mainly given in the College of Arts and Sciences.

<sup>2</sup> Included in collegiate classes.

<sup>3</sup> Estimated.

<sup>4</sup> Library destroyed by fire May 27, 1912.

*Graduates and students, by classes, at land-grant colleges for white students, 1912.*

State or Territory.	Graduates.					Students by classes.										Total. <sup>4</sup>	
	1911-1912					College of agriculture and mechanic arts.					Exterior courses.						
	Agricul- tural courses.	Mech- anic arts courses.	Home eco- nomics courses.	All other courses.	Total.	Interior courses.					Total. <sup>2</sup>	Corre- spond- ence.	Farn- ers week at college.	Exten- sion courses away from college. <sup>3</sup>			
						Pre- para- tory. <sup>1</sup>	Second- ary schools of agri- culture.	Collegi- ate.	Post grad- uate.	Short courses							
						1 to 2 year courses of col- lege grade	Short or win- ter.										
Alabama (Auburn)	22	45		52	119	1,502		784	26				810		1,000		1,800
Arizona				14	14	101	95	164	6				301				301
Arkansas (Fayetteville)		1		157	159	987		163				87	91		75	550	996
California	48	112		519	679	7,270	99	1,138	77			163	1,981		142	163	3,494
Colorado	7	15		16	47	327	343	322	1			135	694		135	15	697
Connecticut	9			9	392	18	65	146				48				2	435
Delaware (Newark)	1	23		6	30	542		168	11			11					168
Florida (Gainesville)	1	4		25	30	194	14	27	4			19					752
Georgia (Athens)	25			25	563			300	7			43			200	361	5,404
Hawaii		1		2	4	4		157	1			61					178
Idaho	1	10		30	46	382	59	171	1			22					2,339
Illinois	66	252		29	515	7,726		2,390	152			1,041			1,041	1,850	2,638
Indiana	36	225		10	32	308		1,437	108			182	87		1,003	2,658	10,282
Iowa	74	118		23	40	2,910		1,504	14			188	100		1,003	2,658	16,043
Kansas	51	31		63	48	193	263	709	24			317	294		1,168	936	19,509
Kentucky (Lexington)	5	31		81	117	2,002	180	380	85			84			400	363	3,852
Louisiana (Baton Rouge)	10	28		56	94	782		301	18			118				771	1,294
Maine	21	53		47	122	1,706	54	531	40			1	106		62	173	1,388
Maryland (College Park)	7	17		5	29	368		126	8			43			430		4,417
Massachusetts (Amherst)	85			85	992			506	17			131	156		830	500	2,633
Massachusetts (Boston)				286	4,863			1,518	43				1,561			239	1,800
Michigan	67	59		30	15	1,771	129	1,176	393				1,698				1,698
Minnesota	14	68		14	110	8,592		1,774	57			552	924			17,500	24,453
Mississippi (Agricultural College)	30	23		16	69	772	324	889	6				1,219		275	224	1,718
Missouri (Columbia)	61			3	416	4,615		457	20			305			1,300	645	2,301
Montana	8	6		8	25	168	88	198	6			10	189		285	89	599

Nebraska.....	21	51	10	318	400	4,517	412	332	9	23	162	915	15	1,500	1,781	2,742	6,953
Nevada.....	3	18	23	26	480	88	88	275	4	4	.....	363	.....	.....	.....	.....	3,216
New Hampshire.....	9	17	44	44	487	76	76	220	1	17	17	322	273	.....	.....	.....	13,413
New Jersey.....	7	25	34	66	867	162	162	378	1	128	128	672	.....	.....	.....	.....	595
New Mexico.....	1	2	4	8	125	168	16	55	1	94	94	332	94	.....	.....	82	508
New York.....	96	235	490	821	12,973	.....	.....	1,987	1	451	223	2,650	21,000	2,025	483	3,198	26,706
North Carolina (West Raleigh).....	14	32	6	52	621	.....	.....	426	10	114	37	32	300	300	300	.....	1,219
North Dakota.....	7	2	8	9	26	145	344	190	6	114	32	619	.....	.....	.....	.....	3,216
Ohio.....	74	108	35	284	501	4,240	169	1,563	6	108	470	1,216	.....	.....	.....	.....	9,485
Oklahoma (Stillwater).....	16	21	7	33	67	401	246	881	1	168	73	2,004	735	.....	.....	1,924	13,413
Oregon.....	28	38	33	8	27	126	142	56	18	26	1,583	2,586	.....	.....	.....	345	11,788
Pennsylvania.....	26	207	3	35	271	1,971	411	2,042	37	136	55	2,079	9,000	600	347	234	2,895
Porto Rico.....	.....	.....	.....	.....	.....	.....	.....	106	.....	.....	.....	604	.....	.....	.....	.....	12,022
Rhode Island.....	2	8	4	17	197	.....	.....	182	.....	.....	.....	248	.....	.....	.....	399	1,003
South Carolina.....	51	41	.....	92	861	88	.....	716	.....	.....	.....	248	120	.....	.....	.....	368
South Dakota.....	11	10	1	31	488	83	123	184	.....	.....	.....	390	750	.....	.....	.....	1,561
Tennessee.....	7	21	108	136	.....	.....	.....	954	.....	.....	.....	488	154	.....	.....	.....	544
Texas.....	25	72	.....	97	993	85	.....	583	12	119	123	488	1,825	456	649	.....	2,910
Utah.....	21	1	.....	51	325	.....	419	297	12	149	14	1,190	1,041	.....	.....	.....	3,220
Vermont.....	7	23	1	69	100	4,339	.....	410	3	401	42	227	47	200	161	433	1,866
Virginia.....	17	44	.....	61	993	32	.....	410	21	.....	.....	490	.....	.....	.....	.....	490
Washington.....	14	20	15	60	109	708	93	327	.....	.....	.....	543	.....	.....	.....	.....	10,793
West Virginia.....	4	18	.....	66	88	1,443	10	127	2	102	27	322	.....	.....	.....	.....	1,782
Wisconsin.....	84	133	8	570	795	9,048	.....	1,293	77	101	557	2,176	2,000	14,958	3,572	22,706	22,706
Wyoming.....	3	5	14	22	243	.....	.....	20	.....	.....	.....	20	.....	.....	297	.....	317
Total.....	1,200	2,260	4,494	8,370	103,736	3,226	4,022	30,532	1,326	1,308	9,537	4,749	33,149	19,992	106,516	32,685	242,954

1 Including schools of agriculture of high-school grade under the control of the institution.  
 2 Counting none twice.  
 3 Not including farmers' institutes.  
 4 This total includes not only those regularly enrolled in the institution, but in some cases many persons who have received limited instruction by correspondence.  
 5 Including students in other departments.  
 6 Music students.  
 7 Including 53 students in college of engineering.  
 8 Including 12 certificates in 2-year courses.







General statistics and students at land-grant colleges for colored students in 1912.

State or Territory.	Date of establishment of institution.	Date of establishment of agricultural courses.	Faculty.			Graduates.		Library.		Number of acres in farm and grounds.	Students by classes.					Total.
			College of agriculture and mechanic arts.		Total number since organization.	Number of volumes.	Number of pamphlets.	College of agriculture and mechanic arts.								
			Preparatory classes.	Collegiate and special courses.				Total. <sup>1</sup>	Other departments.		Preparatory.	Collegiate.	Post-graduate.	Short or winter.	Summer school.	
Alabama (Normal).....	1875	1882	3	5	8	1,384	9,200	900	182	175	270	2	.....	.....	.....	245
Arkansas (Pine Bluff).....	1875	.....	.....	3	3	235	3,600	1,500	20	99	33	.....	.....	.....	.....	132
Delaware (Dover).....	1892	.....	9	9	10	101	1,000	600	97	60	79	.....	.....	.....	.....	171
Florida (Tallahassee).....	1887	1890	6	8	14	3	149	8,000	600	250	36	.....	.....	.....	.....	404
Georgia (Savannah).....	1890	1890	13	4	17	244	.....	.....	86	548	20	.....	.....	.....	.....	508
Kentucky (Frankfort).....	1887	1892	7	11	18	3	29	8,000	325	135	110	62	.....	.....	.....	307
Louisiana (New Orleans).....	1880	1890	8	6	14	1	503	2,852	104	218	50	.....	.....	.....	.....	474
Maryland (Princess Ann).....	.....	.....	13	6	13	12	138	2,200	118	136	46	.....	.....	.....	.....	136
Mississippi (Alcorn).....	1871	1878	10	7	17	15	371	2,000	900	472	114	.....	.....	.....	.....	586
Missouri (Jefferson City).....	1866	1866	2	.....	32	564	6,000	.....	48	170	231	.....	.....	.....	.....	401
North Carolina (Greensboro).....	1891	1891	14	17	19	7	122	1,776	128	122	97	.....	.....	.....	.....	359
Ohio (Lansdown).....	1897	1899	3	10	13	21	1,670	3,350	320	144	10	.....	.....	.....	.....	390
South Carolina (Orangeburg).....	1896	1896	3	7	10	3	557	700	130	803	23	.....	.....	.....	.....	896
Texas (Prairie View).....	.....	.....	31	.....	31	.....	895	2,000	1,460	815	.....	.....	.....	.....	.....	1,315
Virginia (Hampton).....	1868	1890	4	148	148	1,651	36,703	12,000	1,060	935	403	18	.....	.....	.....	1,069
West Virginia (Institute).....	1891	1892	10	14	14	272	600	1,300	77	60	222	.....	.....	.....	.....	320
Total.....	.....	.....	280	107	351	131	7,458	74,901	5,335	5,317	1,544	20	64	1,051	7,899	8,405

<sup>1</sup>Counting none twice.

<sup>2</sup> Normal classes.

<sup>3</sup> Certificate of proficiency.

<sup>4</sup> Including teachers in collegiate department.

Students, by courses, at land-grant colleges for colored students, in 1912.

State or Territory.	Agriculture.		Teachers' courses in agriculture.		Carpentry.	Machine-shop work.	Blacksmithing.	Shoemaking.	Broom making.	Whewrighting.	Bricklaying.	Painting.	Printing.	Harness making.	Tailoring.	Plastering.	Sewing.	Cooking.	Laundering.	Nursing.	Millinery.	Military tactics.
	One to four years.	Summer schools.	One to four years.	Summer schools.																		
Alabama (Normal).....	117				4	9	10	5		10	10	2	6		19	2	38	22	12	8	2	87
Arkansas (Pine Bluff).....	132	20			24	10	20										40					60
Delaware (Dover).....	15				40	10				6			6				21	36	18			70
Florida (Tallahassee).....	200	150	43		16		16			18			17		21		125	126	11	30	15	146
Georgia (Savannah).....	8				39		30	40		9	71		16		78	71	69	68				426
Kentucky (Frankfort).....	17				45		14			31			26		20		106	65	10		40	110
Louisiana (New Orleans).....	58	12			51		9			9			7		2		107	62	10			50
Maryland (Princess Anne).....	46				17		9										77	62	10			
Mississippi (Alcorn).....	100				73		84	41		9		21			26		143	129	101			
Missouri (Jefferson City).....	40				33	17	19	19									107	61	103	11		
North Carolina (Greensboro).....	205				68	37	16	16	21	2	48				3		232	260	155	22		219
Oklahoma (Langston).....	181				32	11	3	9									290	215		35		235
South Carolina (Orangeburg).....	350				40		40			20	40	20		30	50	40	290	215		35		417
Texas (Prairie View).....	413				400		25	1		20	31	4	11	5	31		261	112	93			586
Virginia (Hampton).....	279				58	18	11			7	11	7	15		11		128	93			4	92
West Virginia (Institute).....	12	12	84		25		11															
Total.....	2,473	194	627		513	123	337	107	21	126	217	108	108	35	225	127	1,711	1,303	529	126	67	2,448

*Value of permanent funds and equipment of land-grant colleges, 1912.*

State or Territory.	Land-grant fund of 1862.	Other land-grant funds.	Other endowment funds.	Land grant of 1862 still unsold.	Farms and ground owned by the institution.	Buildings.	Scientific apparatus, machinery, and furniture.	Library.	Live stock.	Total.
Alabama (Auburn).....	\$253,500.00		\$31,000.00		\$9,000.00	\$355,000.00	\$77,743.54	\$77,000.00	\$5,076.35	\$808,319.89
Alabama (Normal).....		\$22,637.50	4,000.00		25,000.00	90,000.00	28,000.00	4,800.00	1,100.00	175,537.50
Arizona.....	130,000.00		10,500.00		33,000.00	207,309.89	70,630.00	35,000.00	3,300.00	359,739.89
Arkansas (Fayetteville).....					25,000.00	350,000.00	150,000.00	40,000.00	6,000.00	701,000.00
Arkansas (Pine Bluff).....					60,000.00	28,000.00	18,000.00	3,500.00		109,500.00
California.....	732,233.14	154,712.27	3,466,629.02	\$11,818.27	9,021,673.12	355,900.00	132,500.00	750,000.00	10,138.00	14,137,065.82
Colorado.....	164,594.31		61,000.00	125,000.00	225,000.00	330,000.00	93,000.00	39,102.00	18,000.00	1,052,234.31
Connecticut.....	83,000.00				45,000.00	28,000.00	2,000.00	25,000.00	10,000.00	393,000.00
Delaware (Newark).....					160,000.00	271,000.00	75,000.00	15,000.00	5,000.00	744,800.00
Florida (Gainesville).....	153,000.00	65,850.00			18,750.00	58,400.00	22,068.33	3,500.00	3,053.50	105,771.83
Florida (Tallahassee).....					550,000.00	560,000.00	54,307.05	56,500.00	10,265.00	1,473,274.23
Georgia (Athens).....	242,202.17				6,776.25	55,952.77	2,284.55	885.00		66,449.63
Georgia (Savannah).....					100,000.00	69,000.00	31,632.00	20,250.00	5,603.00	226,485.00
Hawaii.....					100,000.00	69,000.00	31,632.00	20,250.00	5,603.00	226,485.00
Idaho.....	125,639.72	454,636.07		701,420.00	57,775.00	433,650.00	119,107.65	13,234.61	1,940,663.05	1,940,663.05
Illinois.....	647,401.53				465,000.00	2,083,500.00	1,010,073.61	426,000.00	11,470.00	4,653,445.14
Indiana.....	340,000.00				120,000.00	1,083,500.00	295,000.00	20,000.00	1,913,500.00	1,913,500.00
Iowa.....	686,777.97				177,194.50	1,884,341.10	487,689.19	124,600.00	52,460.61	3,413,063.37
Kansas.....	502,364.74		40,000.00	9,607.50	259,500.00	1,748,829.00	255,376.00	67,532.70	49,037.00	1,832,246.94
Kentucky (Lexington).....	144,075.00				290,000.00	100,362.34	40,000.00	5,000.00	5,000.00	1,024,075.00
Kentucky (Frankfort).....					153,293.00	529,220.34	7,884.28	3,690.00		1,166,484.43
Louisiana (Baton Rouge).....		136,000.00			75,000.00	49,100.00	119,658.09	45,600.00	400.00	1,365,000.00
Louisiana (New Orleans).....	182,313.00				153,293.00	529,220.34	7,884.28	3,690.00		1,365,000.00
Maine.....	118,300.00		100,000.00		11,000.00	523,465.73	108,898.17	61,158.32	1,365,000.00	1,365,000.00
Maryland (College Park).....	115,946.00				30,000.00	340,000.00	70,000.00	8,500.00	12,000.00	929,980.97
Maryland (Princess Anne).....					6,000.00	22,000.00	1,600.00	2,000.00		32,400.00
Massachusetts (Amherst).....	219,000.00		142,000.00		69,729.09	519,070.33	47,919.07	60,000.00	18,475.00	1,076,193.16
Massachusetts (Boston).....					546,683.64	910,510.33	489,912.50	185,378.00	27,630.00	2,142,481.47
Michigan.....	989,989.99			76,000.00	83,000.00	863,625.00	375,000.00	73,000.00	2,488,244.99	2,488,244.99
Minnesota.....	570,749.59		1,506,136.12		1,849,001.33	4,298,000.00	754,207.44	500,000.00	45,313.25	10,400,235.02
Mississippi (Agricultural College).....	98,575.00		250.00		1,849,001.33	4,298,000.00	754,207.44	500,000.00	45,313.25	10,400,235.02
Mississippi (Alcorn).....	113,375.00				80,900.00	220,000.00	16,000.00	3,500.00	9,000.00	460,775.00
Missouri (Columbia).....	359,881.15		682,958.23	750,000.00	528,556.00	1,175,000.00	473,835.00	226,000.00	4,627,546.42	4,627,546.42
Missouri (Jefferson City).....					25,000.00	175,000.00	30,000.00	7,000.00	27,741.00	237,000.00
Montana.....	530,000.00		327,970.00	1,178,630.00	74,000.00	290,000.00	105,000.00	21,500.00	13,750.00	2,010,850.00
Nebraska.....	107,363.73		150,000.00	52,458.00	550,000.00	975,000.00	197,050.00	183,987.00	31,735.265.00	2,735,265.00
Nevada.....	80,000.00				83,891.54	462,636.25	110,000.00	34,020.00	10,600.00	1,096,501.52
New Hampshire.....	80,000.00				40,000.00	360,000.00	80,000.00	33,000.00	9,000.00	1,472,000.00
New Jersey.....	116,000.00		726,727.92		197,100.00	681,500.00	158,500.00	67,503.00	1,947,327.92	1,947,327.92
New Mexico.....					107,900.00	106,000.00	91,000.00	39,400.00	6,187.00	350,487.00

New York.....	688,576.12	.....	.....	275,351.83	4,593,478.85	21,334,968.27	792,501.60	16,519,706.05
North Carolina (West Raleigh).....	125,000.00	.....	.....	70,310.00	492,750.00	212,531.70	19,800.00	936,737.20
North Carolina (Greensboro).....	.....	.....	.....	27,000.00	80,000.00	32,523.00	3,554.68	147,262.68
North Dakota.....	1,047,637.69	.....	.....	70,000.00	512,000.00	135,000.00	28,503.00	1,808,137.59
Ohio.....	524,176.50	150,373.07	275,455.15	1,583,000.00	1,902,125.00	699,036.05	301,810.00	5,458,121.77
Oklahoma (Stillwater).....	.....	.....	.....	50,000.00	355,000.00	198,468.00	37,771.08	5,659,771.08
Oklahoma (Langston).....	.....	.....	.....	16,000.00	106,500.00	23,000.00	2,494.30	150,494.30
Oregon.....	196,519.00	.....	.....	390,000.00	650,000.00	220,000.00	50,000.00	1,516,519.00
Porto Rico.....	427,290.50	.....	89,709.50	62,800.00	1,447,613.23	427,311.79	99,500.00	2,565,204.02
Rhode Island.....	.....	.....	.....	25,000.00	65,000.00	10,000.00	4,000.00	107,500.00
South Carolina (Clemson College).....	50,000.00	.....	.....	14,855.00	240,476.85	81,307.42	35,025.36	428,305.38
South Carolina (Orangeburg).....	95,900.00	.....	.....	3,127,600.00	735,854.00	357,757.82	31,927.00	1,368,645.82
South Dakota.....	5,754.00	.....	.....	40,000.00	200,000.00	2,000.00	3,450.00	253,204.00
Tennessee.....	400,000.00	136,738.12	.....	70,000.00	300,000.00	47,000.00	16,500.00	580,238.12
Texas (College Station).....	209,000.00	5,000.00	4,000.00	293,475.00	425,113.73	232,825.62	40,000.00	1,410,822.35
Texas (Prairie View).....	.....	.....	.....	36,240.00	1,200,000.00	242,223.19	(4)	1,698,513.19
Utah.....	143,080.70	.....	.....	17,500.00	175,000.00	67,000.00	16,000.00	192,500.00
Vermont.....	135,000.00	.....	49,984.94	25,200.00	393,000.00	95,000.00	150,000.00	710,265.64
Virginia (Blacksburg).....	344,312.00	1,054,524.27	.....	75,000.00	1,125,000.00	123,339.00	10,000.00	2,642,524.27
Virginia (Hampton).....	172,156.00	.....	.....	61,200.00	1,921,500.00	185,000.00	12,491.00	1,072,842.00
Washington.....	255,955.37	.....	.....	90,000.00	800,000.00	185,000.00	12,500.00	1,282,317.00
West Virginia (Morgantown).....	115,104.17	481,984.73	1,318,637.80	117,600.00	1,028,227.97	179,177.10	46,695.00	3,444,406.97
West Virginia (Institute).....	.....	.....	.....	250,000.00	625,000.00	90,000.00	45,500.00	1,125,604.17
Wisconsin.....	303,594.61	232,796.50	129,493.78	11,050.00	93,605.00	25,289.88	3,100.00	133,994.88
Wyoming.....	25,500.00	6,000.00	.....	1,865,361.30	2,952,009.74	744,393.22	414,813.00	6,674,098.85
Total.....	13,205,898.64	3,368,558.07	18,507,183.37	22,023,256.60	44,459,391.12	12,594,728.25	5,636,297.92	125,757,493.34

<sup>1</sup> Including buildings, live stock, scientific apparatus, machinery, and furniture.

<sup>2</sup> Including value of live stock.

<sup>3</sup> Including experiment station lands.

<sup>4</sup> Library destroyed by fire May 27, 1912.

## Revenue of land-grant colleges

	State or Territory.	Federal aid.			State aid.	
		Interest on land grant of 1862.	Interest on other land grants.	Appropriation acts of 1890 and 1907.	Interest on endowment or regular appropriations.	Appropriation for current expenses.
1	Alabama (Auburn).....	\$20,280.00		\$27,362.50	\$1,160.00	\$40,000.00
2	Alabama (Normal).....			22,637.50	4,000.00	
3	Arizona.....			50,000.00		38,470.44
4	Arkansas (Fayetteville).....	3,480.00		50,000.00		72,380.00
5	Arkansas (Pine Bluff).....			13,636.35		9,000.00
6	California.....	42,675.31	\$9,016.79	50,000.00	43,710.78	794,331.34
7	Colorado.....	13,679.00		50,000.00	85,843.11	30,580.20
8	Connecticut.....	6,750.00		50,000.00		25,000.00
9	Delaware (Newark).....	4,980.00		40,000.00		7,500.00
10	Delaware (Dover).....			10,000.00		
11	Florida (Gainesville).....	7,690.00	1,975.50	25,000.00		22,385.00
12	Florida (Tallahassee).....			25,000.00		7,500.00
13	Georgia (Athens).....	16,954.14		33,333.34		
14	Georgia (Savannah).....			16,666.66	800.00	
15	Hawaii.....			50,000.00		10,000.00
16	Idaho.....	22,528.20	38,933.83	50,000.00		40,000.00
17	Illinois.....	32,464.32		50,000.00		575,000.00
18	Indiana.....	17,000.00		50,000.00		179,504.01
19	Iowa.....	35,018.73		50,000.00		
20	Kansas.....	24,481.91		50,000.00		
21	Kentucky (Lexington).....	8,644.50		42,750.00		135,000.00
22	Kentucky (Frankfort).....			7,250.00		13,000.00
23	Louisiana (Baton Rouge).....	9,115.69	5,440.00	27,685.84		100,000.00
24	Louisiana (New Orleans).....			22,314.16		10,000.00
25	Maine.....	5,915.00		50,000.00		
26	Maryland (College Park).....	5,797.18		50,000.00		16,000.00
27	Maryland (Princess Anne).....			823.51		
28	Massachusetts (Amherst).....	7,300.00		30,000.00		160,250.00
29	Massachusetts (Boston).....	5,306.68		16,666.67	29,000.00	
30	Michigan.....	70,265.32		50,000.00		228,800.00
31	Minnesota.....	23,861.89	33,667.28	50,000.00		285,792.71
32	Mississippi (Agricultural College).....	5,914.61	8,472.75	25,817.98		
33	Mississippi (Alcorn).....	6,814.50	5,777.77	24,182.02		10,800.00
34	Missouri (Columbia).....	17,994.00		46,875.00	45,455.00	495,393.00
35	Missouri (Jefferson City).....					
36	Montana.....	325,048.08		50,000.00		25,401.92
37	Nebraska.....	28,457.62	14,033.05	50,000.00	360,103.00	17,500.00
38	Nevada.....	3,914.09	1,519.72	50,000.00	41,039.02	88,065.00
39	New Hampshire.....	4,800.00		50,000.00		10,778.49
40	New Jersey.....	5,800.00		50,000.00		50,476.50
41	New Mexico.....		1,082.84	50,000.00		16,000.00
42	New York.....	34,428.80		50,000.00		297,425.77
43	North Carolina (West Raleigh).....	7,500.00		33,500.00		83,000.00
44	North Carolina (Greensboro).....			16,500.00		12,500.00
45	North Dakota.....	69,110.18		50,000.00	56,221.03	25,000.00
46	Ohio.....	31,450.59	7,739.97	50,000.00	397,526.57	57,853.02
47	Oklahoma (Stillwater).....	28,500.00		45,000.00		100,000.00
48	Oklahoma (Langston).....			5,000.00		36,000.00
49	Oregon.....	10,493.11		50,000.00		150,000.00
50	Pennsylvania.....	31,020.00		50,000.00		538,519.15
51	Porto Rico.....			50,000.00		61,665.00
52	Rhode Island.....	2,500.00		50,000.00		25,000.00
53	South Carolina (Clemson College).....	5,754.00		25,000.00		
54	South Carolina (Orangeburg).....	5,754.00		25,000.00		7,500.00
55	South Dakota.....		30,626.28	50,000.00		53,000.00
56	Tennessee.....	23,960.00	250.00	50,000.00		
57	Texas (College Station).....	6,500.00		50,000.00		199,697.16
58	Texas (Prairie View).....			12,500.00		32,000.00
59	Utah.....	11,813.96		50,000.00		65,838.77
60	Vermont.....	8,130.00		50,000.00		27,500.00
61	Virginia (Blacksburg).....	20,658.72		33,333.33		58,333.33
62	Virginia (Hampton).....	10,329.36		16,667.67	112,339.13	1,730.00
63	Washington.....	14,435.52	27,617.35	50,000.00		242,500.00
64	West Virginia (Morgantown).....	6,100.00		40,000.00		140,000.00
65	West Virginia (Institute).....			10,000.00		20,500.00
66	Wisconsin.....	12,717.94	12,007.45	50,000.00		1,106,029.00
67	Wyoming.....	7,500.56		50,000.00		80,911.16
	Total.....	\$31,587.51	198,160.58	2,520,502.54	1,177,197.64	6,937,410.97

<sup>1</sup> The total appropriation divided, \$15,000, going to the State station at New Haven.

<sup>2</sup> Including appropriation for experiment station.

<sup>3</sup> Including interest on other land grants.



for year ended June 30, 1912.

State aid—continued.		Income from endowment other than Federal or State grants.	Fees and all other sources.			Total.	United States appropriations for experiment stations (acts of 1887 and 1906).	
Appropriation for Farmers' Institutes and extension work.	Appropriations for income of plant.		Student fees.	Private benefactions.	Miscellaneous.			
\$5,000.00		\$50.00	\$13,723.85		\$21,162.90	\$128,739.25	\$30,000.00	1
			700.33	\$15,000.00	20,050.51	62,418.34		2
	\$40,500.00		23,723.16		4,769.27	157,462.87	30,000.00	3
4,000.00			11,120.00	40,000.00	500.00	181,480.00	29,988.00	4
			135.00		22,771.36	45,542.72		5
15,000.00	267,362.23	91,357.71	155,515.82	566,028.35	164,590.19	2,199,588.55	30,000.00	6
2,500.00					38,873.27	221,475.58	30,000.00	7
2,500.00	33,000.00	7,260.00	45,331.00		47,968.09	217,809.09	15,000.00	8
4,500.00	10,000.00		9,963.85		3,250.00	80,193.85	30,000.00	9
			7,158.00	200.00	939.00	18,397.00		10
7,500.00	55,000.00		24,873.73	1,500.00	1,808.98	147,733.21	30,000.00	11
	15,000.00	500.00	12,000.00		900.00	60,900.00		12
	50,233.34		2,834.00	4,662.50	8,972.36	116,989.68	30,000.00	13
						17,466.66		14
	75,000.00		190.00		1,967.22	137,157.22	30,000.00	15
12,000.00	51,000.00		825.00		715.65	216,002.68	30,000.00	16
	1,207,400.00		241,114.05		91,295.41	2,197,273.78	29,938.04	17
27,500.00			64,353.56		115,871.18	454,228.75	30,000.00	18
50,000.00	48,247.75		83,787.92	2,362.99	75,091.52	344,508.91	30,000.00	19
35,000.00	79,000.00				115,823.54	304,305.45	30,000.00	20
* 80,000.00				40,000.00		306,394.50	30,000.00	21
			8,285.08		1,000.00	29,535.08		22
			15,602.70		40,566.41	198,410.64	30,000.00	23
	750.00				942.19	34,006.35		24
	101,500.00		41,274.33		39,641.60	238,330.93	30,000.00	25
6,000.00			32,565.39			110,362.57	30,000.00	26
			6,194.00	100.00	2,145.00	9,262.51		27
17,500.00	101,261.89		52,744.67		43,924.94	412,981.50	30,000.00	28
			348,894.14		121,335.71	521,203.20		29
			34,387.07		76,544.08	459,996.47	30,000.00	30
	793,986.94		306,415.02		43,652.83	1,537,376.67	30,000.00	31
11,250.00	41,900.00		97,332.09	250.00	64,768.52	255,705.95	30,000.00	32
	6,250.00		16,628.01		2,295.31	72,747.61		33
	96,700.00	800.00	76,408.27		31,143.32	810,768.59	30,000.00	34
3,125.00	3,000.00		8,750.00		16,000.00	30,875.00		35
10,000.00	21,000.00		13,741.00		12,241.83	157,432.83	30,000.00	36
17,500.00	199,000.00		74,789.16		*103,492.18	864,875.01	30,000.00	37
	40,000.00	6,000.00	18,943.64	1,500.00	14,786.43	265,767.90	28,081.58	38
3,250.00	6,926.63	35,261.08	9,955.07		39,759.15	160,730.42	30,000.00	39
	15,136.00	35,783.34	27,997.39	40,050.52	59,643.04	284,886.79	30,000.00	40
			4,387.06		9,128.77	80,598.67	30,000.00	41
28,726.20	151,848.14	429,271.37	504,396.33	1,307,111.11	220,547.02	3,023,750.44	27,000.00	42
	50,000.00		68,171.92		56,318.52	298,490.44	30,000.00	43
	1,875.00		9,309.37		7,718.96	47,903.33		44
			38,702.68		12,658.01	251,631.90	30,000.00	45
33,567.19		16,520.19	135,813.74	787.50	54,684.39	785,943.16	30,000.00	46
	171,000.00		5,000.00		12,000.00	361,500.00	30,000.00	47
					201.50	41,201.50		48
2,500.00	273,500.00		22,389.32		43,936.27	552,818.70	30,000.00	49
			55,397.72		20,659.67	605,596.54	30,000.00	50
						111,665.00	30,000.00	51
2,000.00	3,000.00		34,811.25		12,542.31	129,853.56	30,000.00	52
			70,417.53	3,512.36	11,437.19	116,121.08	29,900.00	53
	9,000.00				1,107.47	48,361.47		54
	4,000.00		8,586.49		29,814.70	176,027.47	30,000.00	55
51,139.29		1,498.55	39,410.23	250.00	15,528.57	182,036.64	30,000.00	56
9,000.00	196,250.00		147,057.26		10,000.00	618,504.42	30,000.00	57
	36,000.00					80,500.00		58
15,000.00	90,000.00		9,778.50		6,125.61	248,556.84	30,000.00	59
		30,067.66	63,501.48	56,462.31	24,064.28	259,725.73	30,000.00	60
4,350.00	6,000.00		78,260.12		64,374.00	265,309.50	28,635.51	61
			107,513.17	288,906.75	678.07	538,164.15		62
	(8)		20,748.00		32,155.09	387,455.96	30,000.00	63
5,000.00			17,789.80		20,000.00	228,889.80	29,250.00	64
	7,500.00		9,140.18		792.62	47,932.80		65
161,000.00	285,369.04	6,409.10	344,892.69	15,763.29	172,175.42	2,165,863.93	30,000.00	66
	3,250.01		3,093.30	500.00	6,183.98	151,439.01	28,850.59	67
626,407.68	4,647,746.97	660,779.00	3,654,050.11	2,384,947.71	2,296,085.41	25,967,130.45	1,476,643.72	

<sup>1</sup> Including \$24,715 for investigation of plant and insect pests, production of hog-cholera serum, and other special activities.  
<sup>2</sup> The total appropriation divided, \$3,000 going to the State station at Geneva.  
<sup>3</sup> Included in current expenses.

## Additions to equipment of land-grant colleges, 1912.

State or Territory.	Permanent endowment.	Buildings.	Library.	Apparatus.	Machinery.	Livestock.	Miscellaneous.	Total.
Alabama (Auburn).....		\$4,151.90	\$2,387.39	\$1,895.88	\$390.00	\$500.00	\$250.00	\$8,935.17
Alabama (Normal).....		19,000.00	200.00	600.00	486.00	1,998.80	161.45	20,410.00
Arizona (Fayetteville).....		5,918.45	4,100.03	8,272.11	290.00	1,500.00		20,996.84
Arkansas (Pine Bluff).....			500.00	1,500.00				3,796.00
California.....	\$450,943.94	247,813.39	30,818.85	1,64,001.57		6,379.90	150,830.39	990,788.04
Colorado.....								
Connecticut.....		39,819.38	274.13	1,716.40	1,534.60	437.40	1,033.17	44,815.28
Delaware (Newark).....		7,500.00	1,300.00	4,000.00	500.00	3,000.00		19,500.00
Delaware (Dover).....		1,800.00			600.00		300.00	3,000.00
Florida (Gainesville).....		55,000.00	1,500.00	5,000.00	500.00		1,000.00	63,700.00
Florida (Tallahassee).....		29,000.00	203.80	1,948.07	596.35	81.25	1,400.27	31,783.54
Georgia (Athens).....		7,963.12	2,653.49	8,337.46	1,500.00	71.00	2,733.39	23,202.46
Georgia (Savannah).....								
Hawaii.....		66,500.00	3,737.00		6,427.00	801.00	7,242.00	84,707.00
Idaho.....		47,888.40	2,494.88	4,372.95	16,526.54	4,549.61	5,619.97	69,369.51
Illinois.....	60.00	848,500.00	24,000.00	19,510.00	16,944.51	9,063.00	10,000.00	928,577.51
Indiana.....					10,000.00			15,000.00
Iowa.....		174,073.83	11,500.00	39,204.28	25,600.00	14,936.06	21,452.71	249,158.88
Kansas.....		50,000.00	3,500.00	3,200.00	1,000.00	1,000.00	7,000.00	104,336.00
Kentucky (Lexington).....			1,500.00	50.00	1,000.00	1,000.00	1,750.25	4,825.25
Kentucky (Frankfort).....			1,500.00			2,465.00		18,839.26
Louisiana (Baton Rouge).....				4,437.05	1,271.60		6,598.97	11,000.00
Louisiana (New Orleans).....		4,942.68	1,588.96		500.00		300.00	46,474.03
Maine.....		35,205.91	3,771.81	6,976.56	5,000.00	519.75	1,000.00	14,000.00
Maryland (College Park).....		200.00	5,500.00	5,000.00	1,937.00	2,500.00	1,500.00	4,277.00
Maryland (Princess Anne).....			2,380.00	260.00				
Massachusetts (Amherst).....		76,300.00		23,109.00			14,305.00	113,714.00
Massachusetts (Boston).....								
Michigan.....								
Minnesota.....		1,080,142.00	34,000.00	16,000.00	11,000.00	6,000.00	44,000.00	1,248,479.15
Mississippi (Agricultural College).....	57,337.15	42,411.00	3,857.79	11,399.13	10,671.49	17,388.94	21,399.23	107,427.58
Mississippi (Alcorn).....								1,500.00
Missouri (Columbia).....				43,958.00	2,092.00	7,289.00	16,427.00	205,265.00
Missouri (Jefferson City).....		112,000.00	17,499.00					
Montana.....		21,000.00	1,500.00	5,000.00	500.00	5,000.00	2,000.00	42,750.00
Nebraska.....		185,000.00	13,987.00	10,000.00			10,000.00	210,987.00
Nevada.....		40,000.00	5,133.34	7,496.02	12,282.03	2,128.55	2,800.00	297,039.94
New Hampshire.....		8,500.00	2,500.00	5,300.00	300.00	3,500.00	2,800.00	22,900.00
New Jersey.....		5,491.21	2,849.30	2,215.05	1,033.74	37.50	337.50	38,883.65
New Mexico.....		1,800.00	532.05	300.00	2,293.00			5,630.05
New York.....		374,386.83	21,104.20	65,584.89				1,247,372.98
North Carolina (West Raleigh).....		70,000.00	1,494.37	14,367.85	3,000.00	6,300.00	2,462.57	97,624.99
North Carolina (Greensboro).....		1,600.00	1,400.68	351.00		185.00	980.00	3,688.68

North Dakota.....	2,143.42	2,968.54	1,822.64	2,579.36	7,247.88	16,761.84
Ohio.....	23,491.54	20,140.00	16,548.94	2,146.00	9,478.80	248,137.27
Oklahoma (Stillwater).....	1,032.15	3,410.24	3,473.97	2,842.00	800.00	50,243.16
Oklahoma (Langston).....	7,494.12	1,000.00	35,683.93	23,257.50	1,800.00	1,800.00
Oregon.....	116,564.04	56,582.40	450.00	63,000.00	50,450.00	239,581.99
Pennsylvania.....	63,000.00	450.00	650.30	233.30	5,401.99	50,450.00
Porto Rico.....	51,283.58	3,535.44	13,360.24	1,672.40	67,493.27	63,000.00
Rhode Island.....	1,177.05	400.00	1,735.41	3,025.00	4,400.00	4,400.00
South Carolina (Clemson College).....	400.00	2,685.03	1,735.41	3,025.00	5,377.94	20,086.47
South Carolina (Orangeburg).....	2,337.79	10,500.00	55,000.00	4,000.00	5,000.00	274,500.00
South Dakota.....	6,000.00	6,000.00	713.96	1,822.87	4,148.43	6,000.00
Tennessee.....	60,044.22	1,901.92	3,589.07	219.00	2,250.00	72,176.25
Texas (College Station).....	164,589.02	3,184.74	14,458.30	219.00	75,350.21	75,350.21
Texas (Prairie View).....	31,843.48	750.00	3,000.00	2,928.35	116,241.60	198,058.02
Utah.....	60,044.22	7,661.95	10,184.13	2,928.35	9,267.17	116,241.60
Vermont.....	6,350.39	25,295.67	39,104.83	5,199.28	8,757.00	8,757.00
Virginia (Blacksburg).....	164,589.02	25,295.67	4,439.08	5,199.28	24,680.22	335,065.46
Virginia (Hampton).....	31,843.48	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
Washington.....	6,350.39	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
West Virginia (Morgantown).....	6,350.39	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
West Virginia (Institute).....	6,350.39	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
Wisconsin.....	6,350.39	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
Wyoming.....	6,350.39	2,890.14	1,070.95	1,081.13	1,782.59	30,782.55
Total.....	1,809,100.40	4,721,467.79	283,725.62	573,186.90	438,721.40	8,238,161.87

<sup>1</sup> Including machinery.

<sup>2</sup> This amount includes money spent for textbooks.

<sup>3</sup> Including machinery and miscellaneous equipment.

*Disbursements from the United States Treasury to the States and Territories of the appropriations in aid of colleges of agriculture and the mechanic arts under the acts of Congress approved Aug. 30, 1890, and Mar. 4, 1907.*

For the fiscal year ending June 30—

State or Territory.	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900 <sup>2</sup>	1908	1909	1910	1911	1913 <sup>3</sup>
Alabama.....	\$15,000	\$16,000	\$17,000	\$18,000	\$19,000	\$20,000	\$21,000	\$22,000	\$23,000	\$24,000	\$25,000	\$30,000	\$35,000	\$40,000	\$45,000	\$50,000
Arizona.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Arkansas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
California.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Colorado.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Connecticut.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Delaware.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Florida.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Georgia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Hawaii.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Illinois.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Indiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Iowa.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Kansas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Kentucky.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Louisiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Maine.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Maryland.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Massachusetts.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Michigan.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Minnesota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Mississippi.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Missouri.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Montana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Nevada.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
New Hampshire.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
New Jersey.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
New Mexico.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
New York.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
New York.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
North Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
North Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Ohio.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Oklahoma.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Oregon.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Pennsylvania.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Porto Rico.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Rhode Island.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
South Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
South Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
South Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
South Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000

Tennessee.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Texas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Utah.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Vermont.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Washington.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
West Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Wisconsin.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Wyoming.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	30,000	35,000	40,000	45,000	50,000
Total.....	660,000	704,000	782,000	864,000	912,000	960,000	1,008,000	1,056,000	1,104,000	1,152,000	1,200,000	1,440,000	1,750,000	2,000,000	2,250,000	2,500,000

<sup>1</sup> From the annual statement of the Commissioner of Education to the Secretary of the Interior, 1911.  
<sup>2</sup> For each of the years ended June 30, 1901, 1902, 1903, 1904, 1905, 1906, and 1907 the sum of \$25,000 was paid to each of the 48 States and Territories included in this tabular statement, the total amount disbursed for each of the said years being \$1,200,000.  
<sup>3</sup> The appropriation for 1912 was the same as the appropriation for 1913.

## STATISTICS OF AGRICULTURAL

*General*

	Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
1	Alabama (College)....	Auburn.....	J. F. Duggar.....	Feb. —, 1883	Feb. 24, 1888
2	Alabama (Canebrake).	Uniontown.....	L. H. Moore.....	Jan. 1, 1886	Apr. 1, 1888
3	Alabama.....	Tuskegee Institute....	G. W. Carver.....	Feb. 15, 1897	.....
4	Arizona.....	Tucson.....	R. H. Forbes.....	.....	1889
5	Arkansas.....	Fayetteville.....	C. F. Adams.....	.....	1887
6	California.....	Berkeley.....	E. J. Wickson.....	1875	Mar. —, 1888
7	Colorado.....	Fort Collins.....	C. P. Gillette.....	.....	Feb. 29, 1888
8	Connecticut (State)...	New Haven.....	E. H. Jenkins.....	Oct. 1, 1875	May 18, 1887
9	Connecticut (Storrs)...	Storrs.....	L. A. Clinton.....	.....	May 18, 1887
10	Delaware.....	Newark.....	Harry Hayward.....	.....	Feb. 21, 1888
11	Florida.....	Gainesville.....	P. H. Rolfs.....	.....	1888
12	Georgia.....	Experiment.....	M. V. Calvin.....	Feb. 18, 1888	July 1, 1889
13	Idaho.....	Moscow.....	W. L. Carlyle.....	.....	Feb. 26, 1892
14	Illinois.....	Urbana.....	E. Davenport.....	.....	Mar. 21, 1888
15	Indiana.....	Lafayette.....	Arthur Goss.....	1885	Jan. —, 1888
16	Iowa.....	Ames.....	C. F. Curtiss.....	.....	Feb. 17, 1888



**EXPERIMENT STATIONS.**

*statistics, 1912.*

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1912.		Number of names on mailing list.	Principal lines of work.	
			Number.	Pages.			
32	13	20	15	417	23,000	Field experiments; cooperative experiments with farmers; horticulture; plant breeding; soil improvement; feeding experiments; entomology; diseases of plants and animals; analyses of fertilizers.	1
1	-----	-----	-----	-----	-----	Soil improvement; field experiments; plant breeding; diseases of plants.	2
21	19	21	3	-----	1,600	Field experiments; horticulture; plant breeding; diseases of plants; animal industry; poultry investigations; dairying.	3
12	1	10	3	198	6,500	Botany; field experiments; improvement of ranges; horticulture, including olive products and date-palm culture; sheep-breeding experiments; plant breeding; underground development; dry farming.	4
17	10	6	10	123	22,000	Chemistry; soil physics; field experiments; horticulture; plant breeding; diseases of plants; animal husbandry and pathology; feeding and breeding experiments; entomology; nursery inspection; dairying; poultry experiments.	5
60	25	12	22	814	11,928	Chemistry; soils; bacteriology; fertilizer control; field experiments; horticulture, viticulture, and zymology; botany; meteorology; animal husbandry; entomology; dairying; poultry culture; drainage and irrigation; silviculture; reclamation of alkalilands; animal and plant pathology; nutrition investigations.	6
26	12	15	9	560	11,575	Chemistry; agronomy; horticulture; animal husbandry; horse breeding; animal diseases; potato diseases; alfalfa breeding; entomology; bacteriology; irrigation.	7
19	-----	5	7	568	9,000	Chemistry; analysis and inspection of fertilizers, foods, drugs, and feeding stuffs; inspection of Babcock-test apparatus; nurseries; apiaries; diseases of plants; plant selection and breeding; seed testing; forestry; field experiments; entomology; investigation of vegetable proteids.	8
13	8	7	2	601	10,000	Dairy and soil bacteriology; field experiments; horticulture; feeding and breeding experiments; poultry experiments and diseases; dairying, including soft-cheese manufacture; embryology.	9
13	8	7	4	134	8,000	Chemistry; field experiments; horticulture; diseases of plants and animals; animal husbandry.	10
17	-----	1	5	47,640	17,000	Chemistry; soils; field experiments; horticulture; plant physiology; diseases of plants; feeding experiments; entomology; plant breeding.	11
8	-----	-----	5	140	12,200	Chemistry; field experiments; bacteriology; horticulture; plant breeding; plant and animal diseases; entomology; feeding experiments; dairying.	12
26	10	9	3	153	5,000	Chemistry; bacteriology; botany; field experiments; horticulture; plant breeding; plant pathology, and diseases; animal husbandry; irrigation; dairying; dry farming; wheat investigations; soils and soil physics.	13
70	48	8	18	400	23,000	Soil chemistry; soil physics; bacteriology; pot and field experiments; horticulture; plant breeding; animal husbandry; diseases of plants and animals; dairying.	14
52	14	15	21	828	45,556	Chemistry; soils; field experiments; feeding experiments; horticulture; plant breeding; diseases of plants and animals; entomology; dairying; feeding stuff and fertilizer control; agricultural extension work.	15
40	16	-----	11	276	20,000	Chemistry; botany; soils; field experiments; horticulture; plant breeding; forestry; diseases of plants; animal husbandry; poultry investigations; entomology; dairying; rural engineering; good-roads investigations; bacteriology; veterinary science.	16

*General statistics,*

	Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
17	Kansas.....	Manhattan.....	E. H. Webster.....		Feb. 8, 1888
18	Kentucky.....	Lexington.....	M. A. Scovell.....	Sept. —, 1885	Apr. —, 1888
19	Louisiana (Rice).....	Crowley.....	W. R. Dodson.....		
20	Louisiana (Sugar).....	New Orleans.....	.....do.....	Sept. —, 1885	
21	Louisiana (State).....	Baton Rouge.....	.....do.....	Apr. —, 1886	
22	Louisiana (North).....	Calhoun.....	W. R. Dodson.....	May —, 1887	
23	Maine.....	Orono.....	C. D. Woods.....	Mar. —, 1885	Oct. 1, 1887
24	Maryland.....	College Park.....	H. J. Patterson.....	1888	Apr. —, 1888
25	Massachusetts.....	Amherst.....	W. P. Brooks.....	1882	Mar. 2, 1888
26	Michigan.....	East Lansing.....	R. S. Shaw.....		Feb. 26, 1888
27	Minnesota.....	St. Anthony Park, St. Paul.	A. F. Woods.....	Mar. 7, 1885	1888
28	Mississippi.....	Agricultural College...	E. R. Lloyd.....		Jan. 27, 1888
29	Missouri (College).....	Columbia.....	F. B. Mumford.....		Jan. —, 1888
30	Missouri (Fruit).....	Mountain Grove.....	Paul Evans.....	Feb. 1, 1900	
31	Montana.....	Boseman.....	F. B. Linfield.....		July 1, 1893
32	Nebraska.....	Lincoln.....	E. A. Burnett.....	Dec. 16, 1884	June 13, 1887

<sup>1</sup> In 1882 the State organized a station here and maintained it until June 18, 1895, when it was combined with the Hatch Station at the same place.

1912—Continued.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1912.		Number of names on mailing list.	Principal lines of work.	
			Number.	Pages.			
61	43	37	16	626	20,976	Soils; inspection of feeding stuffs and fertilizer control; horticulture; plant breeding; forestry; field experiments; feeding and digesting experiments; milling and baking tests; correlation of characteristics of wheat; poultry experiments; diseases of animals; hog-cholera serum; entomology; dairying; extermination of prairie dogs and gophers; irrigation; veterinary experiments, diseases of the horse.	17
34	6	5	14	899	16,000	Chemistry; soils; bacteriology; inspection of fertilizers, foods, drugs, feeding stuffs, seeds, orchards, and nurseries; field experiments; horticulture; plant breeding; animal husbandry; diseases of plants and animals; entomology; apiculture; dairying; extension work.	18
2	2	7	8	286	14,000	Rice experiments; forage crops.	19
7						Chemistry; bacteriology; soils; field experiments; sugar making; drainage.	20
23						Botany; bacteriology; inspection of fertilizers, feeding stuffs, and Paris green; horticulture; animal husbandry; diseases of animals; entomology; field experiments.	21
4						Chemistry; soils; fertilizers; field experiments; horticulture; feeding experiments; stock raising; poultry experiments; dairying.	22
23			20	1,296	8,500	Chemistry; botany; analysis and inspection of foods, drugs, insecticides, fungicides, fertilizers, concentrated commercial feeding stuffs, and agricultural seeds; calibration of creamery glassware; orcharding; plant pathology; biology; poultry breeding; plant breeding; entomology; horticulture; field experiments; horticulture; feeding experiments; stock raising; poultry raising; entomology; dairying.	23
14	3	4	14	18	27,000	Chemistry; fertilizers; field experiments; horticulture; plant breeding; diseases of plants and animals; feeding experiments; animal breeding; poultry raising; entomology; dairying.	24
30	8	13	7	595	23,306	Chemistry; meteorology; analysis and inspection of fertilizers and concentrated commercial feeding stuffs; inspection of creamery glassware and nurseries; pot, cylinder, and field experiments; horticulture; plant breeding; diseases of plants and animals; digestion and feeding experiments; entomology; dairying; effect of electricity on plant growth.	25
29	16	9	6	369	67,000	Chemistry; analysis and control of fertilizers; bacteriology; field experiments; horticulture; forestry; plant breeding; diseases of plants and animals; feeding and breeding experiments; poultry culture; entomology; stable hygiene.	26
56	34		28	420	45,000	Fruit and vegetable breeding; insect pest investigation; orchard spraying; drainage; milling tests of cereal and flour; diseases of plants and animals; plant and animal breeding; animal nutrition; farm management; ventilation; farm statistics.	27
18	10	5	20	548	22,000	Fertilizers; field experiments; horticulture; biology; plant breeding; animal husbandry; diseases of animals; poultry culture; entomology; dairying; agricultural engineering.	28
52	42	20	19	461	11,000	Chemistry; soil survey; botany; field experiments; horticulture; diseases of plants and animals; feeding experiments; animal and plant breeding; entomology; dairying; poultry; forestry.	29
3	10	11	14	285	9,650	Chemistry; meteorology; botany; field experiments; dry farming; horticulture; feeding and breeding experiments; poultry experiments; veterinary science; entomology; dairying; irrigation and drainage.	30
18							31
33	20	6	9	526	21,250	Chemistry; botany; meteorology; soils; field experiments; horticulture; plant breeding; diseases of plants and animals; forestry; feeding and breeding experiments; entomology; dairying; irrigation.	32

*General statistics,*

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
33 Nevada.....	Reno.....	G. H. True.....		Dec. —, 1887
34 New Hampshire.....	Durham.....	J. C. Kendall.....	1886	Aug. 4, 1887
35 New Jersey (State)....	New Brunswick.....	J. G. Lipman.....	Mar. 10, 1880	.....
36 New Jersey (College) ..	.....do.....	.....do.....		Apr. 26, 1888
37 New Mexico.....	Agricultural College...	Luther Foster.....		Dec. 14, 1889
38 New York (State).....	Geneva.....	W. H. Jordan.....	Mar. —, 1882	.....
39 New York (Cornell)...	Ithaca.....	L. H. Bailey.....	1879	Apr. —, 1888
40 North Carolina (College).	West Raleigh.....	C. B. Williams.....	Mar. 12, 1877	Mar. 7, 1887
41 North Carolina (State).	Raleigh.....	B. W. Kilgore.....	1907	.....
42 North Dakota.....	Agricultural College...	J. H. Worst.....		Mar. —, 1890
43 Ohio.....	Wooster.....	C. E. Thorne.....	Apr. 25, 1882	Apr. 2, 1888
44 Oklahoma.....	Stillwater.....	J. A. Wilson.....		Dec. 25, 1890
45 Oregon.....	Corvallis.....	J. Withycombe.....		July —, 1888
46 Pennsylvania.....	State College.....			June 30, 1887
47 Pennsylvania (Nutrition).	.....do.....	H. P. Armsby.....	1907	.....
48 Porto Rico.....				
49 Rhode Island.....	Kingston.....	H. J. Wheeler.....		July 30, 1888

1912—Continued.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1912.		Number of names on mailing list.	Principal lines of work.	
			Number.	Pages.			
15	6	6	2	188	4,500	Chemistry; meteorology; botany; soils; field experiments; horticulture; plant breeding; forestry; animal feeding and breeding; plant diseases; veterinary science and bacteriology; zoology; entomology; irrigation.	33
17	12	10	10	174	16,901	Chemistry; botany; field experiments; horticulture; plant breeding; breeding experiments; entomology.	34
16	6	9	13	421	7,700	Chemistry; oyster culture; botany; analyses of fertilizers, foods, commercial feeding stuffs, and insecticides; pot, cylinder, and field experiments; horticulture; floriculture; plant breeding; forestry; diseases of plants and animals; animal husbandry; dairy husbandry; poultry experiments; entomology; soil chemistry and bacteriology; soil surveys; irrigation; seed inspection.	35 36
21	12	5	333	5,429	Chemistry; botany; soils; field crops; dry farming; horticulture; cactus investigations; nutrition; plant diseases; entomology; dairying; irrigation.	37	
33	12	27	730	48,200	Chemistry; bacteriology; meteorology; fertilizers; analysis and control of fertilizers; inspection of feeding stuffs, Paris green, and creamery glassware; field experiments; horticulture; plant breeding; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; soil studies.	38	
46	2	1	149	28,000	Chemistry; soils; field experiments; farm crops; farm management; horticulture; plant breeding; plant physiology; diseases of plants; feeding and breeding experiments; poultry husbandry; entomology; dairying.	39	
17	6	3	17,500	Chemistry; soils; field experiments; horticulture; nitrification experiments; diseases of plants and animals; animal husbandry; poultry experiments; dairying; tests of farm machinery; cottonseed feeding; toxic investigations; entomology investigations; plant breeding investigations; horticulture and agronomic experiments.	40		
32	7	12	3,500	Chemistry; soils; field experiments; horticulture; diseases of animals; feeding experiments; entomology; fertilizer experiments and analyses; inspection of foods and stock feeds; cooperative demonstration work with farmers; farmers' institutes.	41		
45	25	6	5	18,000	15,000	Chemistry; soils; botany; field experiments; plant breeding; horticulture; forestry; diseases of plants and animals; analysis of foods and spraying materials; seed inspection; inspection and analysis of paints, drugs, proprietary products, and feeding stuffs; feeding and breeding experiments; poultry experiments; milling and chemical tests of wheat; drainage; farm engineering; farm management.	42
57	32	33	1,208	65,000	Chemistry; soils; field experiments; botany; horticulture; plant breeding; forestry; diseases of plants; feeding experiments; entomology; nutrition; farm management; dairying; climatology.	43	
17	10	6	8	207	35,000	Chemistry; agronomy; field experiments; horticulture; forestry; botany; bacteriology; animal husbandry; dairying; veterinary science; entomology.	44
39	20	17	11	322	23,000	Chemistry; bacteriology; soils; fertilizers; field crops; horticulture; plant breeding and selection; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; irrigation.	45
51	21	21	7	161	43,500	Chemistry; meteorology; fertilizers; horticulture; forestry; plant diseases; field experiments; feeding experiments; dairying; poultry experiments.	46
7							47
14	2	3	10	294	11,470	Chemistry; meteorology; soils; analysis and inspection of fertilizers and feeding stuffs; field and pot experiments; horticulture; poultry diseases, poultry feeding, and pigeon and poultry breeding.	48 49

*General statistics,*

	Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
50	South Carolina.....	Clemson College.....	J. N. Harper.....	.....	Jan. —, 1888
51	South Dakota.....	Brookings.....	J. W. Wilson.....	.....	Mar. 13, 1887
52	Tennessee.....	Knoxville.....	H. A. Morgan.....	June 8, 1882	Aug. 4, 1887
53	Texas.....	College Station.....	B. Youngblood.....	.....	Apr. 3, 1889
54	Utah.....	Logan.....	E. D. Ball.....	.....	1890
55	Vermont.....	Burlington.....	J. L. Hills.....	Nov. 24, 1886	Feb. 28, 1888
56	Virginia.....	Blacksburg.....	S. W. Fletcher.....	1888	1891
57	do.....	Norfolk.....	T. C. Johnson.....	Feb. —, 1907	.....
58	Washington.....	Pullman.....	R. W. Thatcher.....	.....	1891
59	West Virginia.....	Morgantown.....	E. D. Sanderson.....	.....	June 11, 1888
60	Wisconsin.....	Madison.....	H. L. Russell.....	1883	1887
61	Wyoming.....	Laramie.....	G. H. Knight.....	.....	Mar. 1, 1891
	Total.....	.....	.....	.....	.....

1912—Continued.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1912.		Number of names on mailing list.	Principal lines of work.	
			Number.	Pages.			
19	10	9	11	293	20,300	Chemistry; soils; botany; field experiments; horticulture; plant breeding; diseases of plants; feeding and breeding experiments; veterinary science; entomology; dairying.	50
20	14	6	8	216	22,000	Chemistry; horticulture; field experiments; plant breeding; diseases of plants and animals; animal husbandry; dairying.	51
21	7	11	3	91	13,473	Chemistry; soil investigations; inspection of fertilizers; field experiments; horticulture; plant breeding; seeds; weeds; diseases of plants and animals; feeding experiments; entomology; dairying; apiculture.	52
27	5		8	322	40,000	Chemistry; examination and comparison of commercial feeding stuffs and fertilizers; soils; field experiments; horticulture; plant breeding; feeding experiments; diseases of plants and animals and selection; entomology; cotton investigations; breeding experiments.	53
26	9	9	4	127	10,500	Chemistry of soils; field experiments; horticulture; diseases of plants; breeding and feeding experiments; poultry breeding; incubation; entomology; irrigation and drainage; arid farming.	54
18	7	7	8	632	13,000	Chemistry; botany; bacteriology; analysis and control of fertilizers and feeding stuffs; inspection of creamery glassware; horticulture; diseases of plants; feeding and breeding experiments; dairying.	55
21						Chemistry; field experiments; horticulture; plant breeding; soil bacteriology; mycology; breeding and feeding experiments; diseases of animals; dairying.	56
8		3	3	72	8,000	Field experiments; plant breeding; plant diseases; entomology.	57
32	15	11	15	225	16,123	Chemistry; plant physiology; bacteriology; soils; field experiments; horticulture; plant breeding; diseases of plants; feeding and breeding experiments; veterinary science; entomology; irrigation; dry farming; clearing logged-off lands.	58
16	10		6	170	9,476	Chemistry; effect of pressure on bacteria; artificial fixation of atmospheric nitrogen; analysis and control of fertilizers; soils; farm crops; horticulture; diseases of plants and animals; inspection of orchards and nurseries; feeding and breeding experiments; poultry experiments; entomology; dairying.	59
78	78	12	40	1,265	20,000	Chemistry; bacteriology; soils; field experiments; agronomy; tobacco and cranberry culture; horticulture; plant breeding; plant pathology; breeding and feeding experiments; poultry experiments; veterinary science; entomology; dairying; irrigation and drainage; agricultural engineering; agricultural economics; home economics; extension.	60
13	9		5	209	7,000	Chemistry; mycology; botany; meterology; soils; range improvement; fertilizers; field experiments; plant selection; poisonous-plant investigations; breeding and feeding experiments; wool investigation; veterinary science; irrigation; parasitology; effects of alkali on structural and other material.	61
1,574	658	457	719	84,841	1,016,613		

Station.	Federal.		State.	Individuals and communities.	Fees.	Farm products.	Miscellaneous.
	Hatch fund.	Adams fund.					
1 Alabama (College)	\$15,000.00	\$15,000.00	\$34,982.85	.....	.....	\$834.72	\$3,622.28
2 Alabama (Canebrake)	.....	.....	.....	.....	.....	.....	.....
3 Alabama (Tuskegee)	.....	.....	.....	.....	.....	.....	.....
4 Arizona	15,000.00	15,000.00	8,700.00	\$2,500.00	\$2,500.00	2,625.99	2,518.06
5 Arkansas	15,000.00	15,000.00	39,200.00	525.00	.....	1,176.78	25,939.91
6 California	15,000.00	15,000.00	125,275.00	.....	12,000.00	2,000.00	.....
7 Colorado	15,000.00	15,000.00	11,250.00	30.00	.....	6,031.79	8,120.77
8 Connecticut (State)	7,500.00	7,500.00	18,500.00	14,019.88	11,500.00	386.99	370.08
9 Connecticut (Storrs)	7,500.00	7,500.00	3,875.00	.....	.....	.....	1,899.15
10 Delaware	15,000.00	15,000.00	.....	.....	.....	3,060.27	.....
11 Florida	15,000.00	15,000.00	.....	.....	.....	2,512.27	350.42
12 Georgia	15,000.00	15,000.00	620.81	.....	.....	5,471.71	5,958.65
13 Idaho	15,000.00	15,000.00	.....	.....	.....	8,325.86	198.58
14 Illinois	15,000.00	15,000.00	168,000.00	.....	.....	25,655.65	12,384.68
15 Indiana	15,000.00	15,000.00	.....	.....	.....	82,654.36	.....
16 Iowa	15,000.00	15,000.00	55,000.00	.....	.....	12,326.44	14,198.00
17 Kansas	15,000.00	15,000.00	61,500.00	.....	.....	1,778.36	.....
18 Kentucky	15,000.00	15,000.00	38,613.89	.....	.....	10,474.81	96,276.63
19 Louisiana	15,000.00	15,000.00	24,500.00	.....	24,010.00	4,578.04	3,062.12
20 Maine	15,000.00	15,000.00	5,000.00	.....	17,000.00	8,804.45	1,364.10
21 Maryland	15,000.00	15,000.00	14,000.00	.....	.....	8,605.76	919.00
22 Massachusetts	15,000.00	15,000.00	16,875.00	.....	10,277.00	6,613.10	9,030.59
23 Michigan	15,000.00	15,000.00	6,000.00	.....	5,420.00	3,133.73	.....
24 Minnesota	15,000.00	15,000.00	103,726.08	.....	.....	73,508.03	.....
25 Mississippi	15,000.00	15,000.00	33,150.00	.....	214.00	12,294.83	4,891.06
26 Missouri (College)	15,000.00	15,000.00	10,000.00	37,370.51	18,105.30	5,780.95	18,342.37
27 Missouri (Fruit)	.....	.....	.....	.....	.....	.....	.....
28 Montana	15,000.00	15,000.00	55,663.45	.....	.....	6,845.33	.....
29 Nebraska	15,000.00	15,000.00	40,535.60	.....	.....	.....	51,003.21
30 Nevada	15,000.00	15,000.00	5,000.00	.....	.....	8,147.42	788.82
31 New Hampshire	15,000.00	15,000.00	.....	.....	.....	464.83	4,586.31
32 New Jersey (State)	.....	.....	94,041.96	.....	.....	.....	.....
33 New Jersey (College)	15,000.00	15,000.00	.....	.....	.....	673.89	.....
34 New Mexico	15,000.00	15,000.00	.....	280.17	75.25	1,805.81	1,768.71
35 New York (State)	1,500.00	1,500.00	113,509.05	.....	.....	.....	8,708.97
36 New York (Cornell)	13,500.00	13,500.00	.....	.....	.....	.....	.....
37 North Carolina (College)	15,000.00	15,000.00	.....	.....	.....	6,447.22	1,839.51
38 North Carolina (State)	.....	.....	.....	.....	.....	.....	.....
39 North Dakota	15,000.00	15,000.00	13,243.35	.....	.....	.....	19,615.03
40 Ohio	15,000.00	15,000.00	193,500.00	.....	.....	15,544.25	172,630.00
41 Oklahoma	15,000.00	15,000.00	.....	.....	.....	.....	3,119.97
42 Oregon	15,000.00	15,000.00	47,073.40	.....	.....	7,252.22	48,129.08
43 Pennsylvania	15,000.00	15,000.00	5,000.00	.....	.....	25,908.94	3,087.40
44 Pennsylvania (Nutrition)	.....	.....	.....	.....	.....	.....	.....
45 Rhode Island	15,000.00	15,000.00	.....	.....	.....	.....	4,703.32
46 South Carolina	15,000.00	15,000.00	.....	.....	.....	2,233.54	4,701.57
47 South Dakota	15,000.00	15,000.00	15,500.00	.....	.....	1,626.54	6,560.41
48 Tennessee	15,000.00	15,000.00	.....	.....	.....	7,881.78	254.17
49 Texas	15,000.00	15,000.00	55,000.00	.....	.....	1,921.38	2,668.69
50 Utah	15,000.00	15,000.00	16,064.72	.....	.....	1,738.58	573.07
51 Vermont	15,000.00	15,000.00	3,021.00	152.95	3,690.00	.....	9.89
52 Virginia	15,000.00	15,000.00	9,433.32	.....	.....	4,001.68	320.88
53 Washington	15,000.00	15,000.00	20,943.64	.....	699.00	408.01	326.39
54 West Virginia	15,000.00	15,000.00	11,500.00	.....	12,920.03	8,180.94	5,490.71
55 Wisconsin	15,000.00	15,000.00	15,000.00	.....	11,474.03	.....	9,000.00
56 Wyoming	15,000.00	15,000.00	.....	.....	.....	1,629.04	.....
Total	720,000.00	720,000.00	1,492,798.12	54,878.51	129,884.61	230,271.81	720,407.04

<sup>1</sup> Including all balances, except from Federal funds.

<sup>2</sup> Including a balance of \$12 from previous year.

<sup>3</sup> Including a balance of \$49.20 from previous year.

<sup>4</sup> Including a balance of \$12.76 from previous year.

<sup>5</sup> Amount used by substations; as part of biennial appropriation ending Mar. 31, 1913.

<sup>6</sup> Including a balance of \$883.24 from previous year.

<sup>7</sup> Including a balance of \$1,035.18 from previous year.



to equipment, 1912.

Total.	Additions to equipment.						Total.
	Buildings.	Library.	Apparatus.	Farm im- plements.	Live stock.	Miscella- neous. <sup>1</sup>	
\$69,439.85	\$230.00	\$118.00	\$998.00	\$145.00	\$500.00	\$851.00	\$2,842.00
		75.00		150.00			325.00
48,844.05	950.00	59.97	391.18	999.11	877.75	1,034.87	4,312.88
96,841.69	4,150.00	464.24	446.74	1,480.53	2,000.00	2,457.00	10,998.51
169,275.00	59,693.01	1,022.87	3,577.10	7,510.45	9,711.17	6,014.03	87,528.63
55,432.56	1,790.69	310.21	1,078.06	1,153.57		613.80	4,946.33
59,776.95	58.00	943.25	225.78	54.00	200.00	1,139.30	2,620.33
20,774.15	65.65	29.41	248.70	31.85	231.85	1,054.82	1,662.28
33,060.27	3,000.00	420.08	720.11	507.45	1,522.75	800.00	6,970.39
32,862.69	1,000.00	390.00	522.52	213.68	260.00	400.00	2,786.20
42,051.17	1,672.99	426.88	451.89	382.05	220.50	19.75	3,174.06
38,524.44	798.91	73.44	1,851.03	1,025.88	850.00		4,599.26
236,040.33	5,199.44	106.86	1,278.25	6,152.16	7,799.99	1,141.74	21,678.44
112,654.36	32,931.80	809.96	1,631.13	1,408.67	13,465.99	155,855.08	206,102.63
111,524.44	605.81	98.85	894.37	1,268.75	2,611.40	562.62	6,041.80
93,278.36	125,000.00		1,500.00	2,000.00	500.00	1,000.00	130,000.00
175,365.33	15,000.54	2,212.14	1,568.57	733.57	555.00	1,983.05	22,052.87
86,150.16	8,360.35	244.85	1,015.03	863.84	1,235.95		11,720.02
62,168.55		898.68	512.52	3,265.98	2,171.83		6,849.01
53,524.76	1,450.12	863.56	253.99	1,647.41	1,960.00		6,175.08
72,795.69		124.54	772.68	21.00	700.00	55.00	1,673.22
44,553.73	3,275.00	1,103.37	2,179.61	223.86			6,781.84
207,234.11	536,190.22	21,991.22	17,276.90	6,398.88	9,994.00	20,468.94	612,319.94
80,549.89	8,000.00	200.00	1,000.00	1,050.00	3,760.00	500.00	14,510.00
119,599.13	49,182.10	20.83	2,266.29	788.68	6,932.69	1,491.72	60,682.31
92,508.78	14,000.00		119.00	1,168.00	400.00	500.00	16,187.00
121,538.81	19,300.00	144.12	1,000.00	800.00	3,200.00		24,444.12
43,936.24	611.85	75.07	480.34	818.25	1,260.00		3,245.51
35,051.14	264.73	625.70	938.70	79.45	62.32	392.42	2,363.32
94,041.96	23,664.75	59.38	171.89	678.72		157.79	24,732.53
30,673.89							
33,929.94	1,028.20	12.59	241.80	769.31	225.00		2,276.90
125,218.02		1,146.90	966.60	1,586.44	86.25		3,786.19
27,000.00	1,309.25	77.44		319.37	175.00	125.22	2,006.28
38,286.73	3,000.00	160.00	53.00	560.00	257.00	435.00	4,465.00
	1,500.00	250.00	500.00	300.00	1,800.00		4,350.00
62,858.38		2,143.42	2,968.54	1,822.64	2,579.36	7,247.88	16,761.84
411,674.25	21,637.05	1,441.00	2,740.87	3,802.64	4,134.41		33,755.97
33,119.97	417.95	112.28	324.73	471.60	259.75	464.20	2,050.51
132,454.70	1,331.19	746.79	1,817.88	2,409.72	4,208.95	201.20	10,715.73
63,996.34	500.00	355.00	1,108.76	738.64	902.25		3,604.65
	125.00	274.53	842.36	974.00	389.00		2,604.89
34,703.32	125.98	615.39	308.69	61.77	247.75	499.81	1,859.39
36,935.11	829.01	176.11	559.14	565.69	440.00		2,569.95
53,686.95	7,200.00	225.00	700.00	360.00		250.00	8,735.00
38,135.95	15,368.15	442.25	1,150.25	830.74	3,025.00	938.25	21,754.64
89,590.07	7,784.57	417.08	1,118.02	6,940.59	3,961.33	206.07	20,427.66
48,376.37	659.72	153.63	411.31	1,308.31	148.00	837.29	3,518.26
36,873.84	1,581.27	380.29	804.97	415.36	118.25		3,300.14
43,755.88		63.64	50.00	274.86		500.00	888.50
52,377.04	1,920.00	215.00	2,089.00	526.00	1,150.00		5,900.00
68,091.68	1,266.06	1,038.79	3,784.15	532.24	55.00		6,726.24
65,474.03	18,476.00	1,000.00	2,377.00	1,390.00	2,484.00	4,712.00	30,799.00
31,629.04	1,011.33	103.22	845.28	628.93	145.00	311.94	3,045.70
4,068,240.09	1,003,516.47	45,462.83	71,492.73	70,659.64	99,774.49	215,221.79	1,506,127.95

<sup>8</sup> Including a balance of \$100 from previous year.

<sup>9</sup> Including a balance of \$1,364.27 from previous year.

<sup>10</sup> Including a balance of \$750 from previous year.

<sup>11</sup> An additional sum is included in the annual appropriation for the university and station, but the amount is not ascertainable.

<sup>12</sup> Revenue from fertilizers.

<sup>13</sup> Including a balance of \$1,149.41 from previous year.

Expenditures from United States appropriation of Mar. 2, 1887, for the agricultural experiment stations for the year ended June 30, 1912.

Station.	Amount of appropriation.	Classified expenditures.							Seeds, plants, and sundry supplies.
		Salaries.	Labor.	Publications.	Postage and stationery.	Freight and express.	Heat, light, and water.	Chemical supplies.	
Alabama.....	\$15,000.00	\$7,645.24	\$1,403.67	\$421.15	\$529.31	\$281.47	\$421.51	\$804.79	\$481.54
Arizona.....	15,000.00	6,692.49	2,456.43	737.37	802.01	476.51	128.69	87.63	556.93
Arkansas.....	15,000.00	7,257.85	1,337.76	872.00	614.53	304.18	414.67	19.45	660.87
California.....	15,000.00	6,487.56	6,003.64	1,981.19	525.60	198.55	136.15	441.09	150.06
Colorado.....	15,000.00	9,132.70	344.88	2,400.72	613.84	128.38		5.40	545.18
Connecticut (State).....	7,500.00	6,753.25	260.00	173.05					
Connecticut (Storrs).....	7,500.00	6,383.48	517.32		69.26	25.00	42.00	176.83	63.92
Delaware.....	15,000.00	4,865.82	4,937.46	508.76	314.23	232.38	248.69	5.59	684.34
Florida.....	15,000.00	6,688.37	2,802.92	510.34	375.47	271.10	171.13		245.83
Georgia.....	15,000.00	5,750.00	3,476.12	918.80	249.83	190.43	53.27		624.91
Idaho.....	15,000.00	8,253.55	2,066.44	610.00	677.11	130.02	494.76	105.82	481.79
Illinois.....	15,000.00	7,620.00	2,124.88	68.20	1,688.90	15.59		114.23	98.60
Indiana.....	15,000.00	10,744.94	1,622.45	216.55	183.70	26.36	169.45	8.20	176.21
Iowa.....	15,000.00	7,000.00	1,586.32	1,139.51	437.87	48.36	63.51	159.62	1,017.20
Kansas.....	15,000.00	9,483.00	3,172.55	16.73	36.47		381.30		180.89
Kentucky.....	15,000.00	13,497.51			366.74	198.82	292.09		129.85
Louisiana.....	15,000.00	9,249.85	3,610.30	581.25	371.10	1.70	393.40	52.15	148.38
Maine.....	15,000.00	5,108.71	2,250.37	131.00	468.37	331.07			317.56
Maryland.....	15,000.00	10,680.35	2,572.19	132.13	6.75	119.60	91.08	111.11	14.75
Massachusetts.....	15,000.00	8,509.70	2,568.46	291.38	375.70	85.25	124.77	770.84	601.28
Michigan.....	15,000.00	6,509.33	2,184.56	338.58	214.56	2.00	29.20	349.66	591.26
Minnesota.....	15,000.00	11,823.35	2,368.26	686.24	332.93	191.38	24.37	28.07	935.06
Mississippi.....	15,000.00	6,842.81	2,068.23	431.60	372.22		174.31	55.45	1,256.54
Missouri.....	15,000.00	6,678.06	1,408.65	431.60	498.35	127.93	78.88	15.50	105.57
Montana.....	15,000.00	1,150.00	1,498.48	608.36	498.35				204.78
Nebraska.....	15,000.00	8,086.70	2,338.58	1,989.84	642.34	61.30	26.52	26.52	249.30
Nevada.....	15,000.00	7,476.88	5,174.30	322.50	125.10	43.99	91.65	140.77	329.43
New Hampshire.....	15,000.00	8,146.29	1,665.33	669.37	507.33	279.98	687.95	44.51	213.48
New Jersey.....	15,000.00	10,101.96	4,403.48	120.96	463.34	77.24	768.97	81.38	338.75
New Mexico.....	15,000.00	7,521.66	3,389.28	943.99	432.79	318.29	227.62	108.21	
New York.....	15,000.00	6,670.33	829.67						
New York (State).....	13,500.00	6,588.31	2,987.88	698.05	1,116.30	62.08	69.32	77.54	498.06
New York (Cornell).....	15,000.00	5,321.58	2,689.29		467.12	156.60	79.90	13.47	670.33
North Carolina.....	15,000.00	9,849.00	3,634.32	500.00	23.00			4.70	64.12
North Dakota.....	15,000.00	13,046.78	444.80	643.96					
Ohio.....	15,000.00	9,784.86	2,054.15	643.96	572.57	71.35	46.62	137.78	308.87
Oklahoma.....	15,000.00	1,933.31	119.28	162.09	136.84	187.39			441.22
Oregon.....	15,000.00	8,251.66	1,933.31	119.28	248.74	118.96	63.77	58.22	58.22
Pennsylvania.....	15,000.00	8,385.85	3,807.72	1,527.04	248.74	86.36	482.48	14.13	231.06
Rhode Island.....	15,000.00	8,784.09	2,620.72	3.02	268.71				

South Carolina.....	15,000.00	8,008.36	2,842.25	813.88	276.71	70.86	73.95	103.59	447.17
South Dakota.....	15,000.00	7,666.67	1,561.62	1,363.28	350.23	70.65	2.70	205.08	756.04
Tennessee.....	15,000.00	8,940.00	2,466.45	966.28	350.33	71.20	386.24	79.98	342.32
Texas.....	15,000.00	7,736.83	2,065.75	639.07	587.53	191.18	27.05	80.58	61.94
Utah.....	15,000.00	8,267.87	2,896.82	105.82	823.44	23.97	16.64	25.44	330.64
Vermont.....	15,000.00	8,350.93	2,038.21	41.22	368.43	165.22	943.40	278.72	186.73
Virginia.....	15,000.00	8,502.36	2,758.17	905.07	450.16	165.22	87.70	63.96	544.93
Washington.....	15,000.00	6,900.43	2,657.15	1,277.72	664.76	133.95	171.40	575.24	205.72
West Virginia.....	15,000.00	11,658.74	3,527.50		261.51	16.48		214.69	103.00
Wisconsin.....	15,000.00	9,173.00	3,476.66					80.25	110.09
Wyoming.....	15,000.00	6,750.00	2,691.12	1,362.38	345.75	174.34	586.26	80.87	388.03
<b>Total.....</b>	<b>720,000.00</b>	<b>409,247.33</b>	<b>112,900.62</b>	<b>26,946.81</b>	<b>19,724.19</b>	<b>5,916.61</b>	<b>8,403.70</b>	<b>5,837.18</b>	<b>17,663.74</b>

Station.	Classified expenditures.										Balances.
	Fertilizers.	Feeding stuffs.	Library.	Tools, im- plements, and machinery.	Furniture and fixtures.	Scientific apparatus.	Live stock.	Traveling expenses.	Contingent expenses.	Buildings and repairs.	
Alabama.....	\$229.52	\$1,512.97	\$528.48	\$238.54	\$137.00	\$19.59	\$107.00	\$188.50	\$25.00	\$456.72	
Arizona.....	183.70	955.64	39.97	476.94	54.37	84.46	377.75	819.11		790.00	
Arkansas.....	111.95	1,077.57	13.25	414.86	476.46	465.36		182.82	25.00	749.82	\$12.00
California.....		157.57	21.59	48.60	206.23	27.42		344.65	25.00	28.12	
Colorado.....		34.00	186.45	81.40	355.85	246.43	5.30	441.20	25.50	672.47	
Connecticut (State)	69.14		214.96								
Connecticut (Storrs)	16.54		16.36			59.57		104.76	25.00		
Delaware.....	557.16	1,321.85	296.25	323.58	86.65	46.86		75.66	25.00	469.66	
Florida.....	273.97	1,623.09	286.82	272.16	242.75		260.00	231.82	25.00	697.88	.05
Georgia.....	872.55	1,468.84	67.00	240.10	91.25		608.50	117.00	25.00	748.40	
Illinois.....	13.80	992.30	4.75	281.45	98.44	9.00	260.00	292.70	25.00	702.44	
Indiana.....		921.89	21.70	108.50	686.87	564.85	31.00	440.73	25.00		435.05
Iowa.....	188.84	1,628.54	22.45	109.90	42.80	2.00	301.09	228.00	25.00		
Iowa.....		19.20		236.30	70.00		1,486.45				
Kansas.....			413.49	283.81	117.21	36.95	8.50	640.00		546.50	
Kentucky.....	75.75	606.20			26.34			44.95	25.00	5.21	
Louisiana.....	653.10	2,214.76	651.88	371.21	214.42	90.40	654.80	4.97	25.00	480.00	
Maryland.....	208.23	293.66	276.04			197.50	380.00	303.80	25.00	486.50	
Massachusetts.....	430.80	680.43	91.98	30	148.37	297.90	26	129.75	23.00		
Michigan.....	121.80		1,080.70	223.86	130.56	612.88	3.50	254.52	23.00	49.06	
Minnesota.....	403.40		168.50	115.88	268.01	163.68			9.65		
Mississippi.....	10.00	1,588.39		169.68	37.76		2,088.62	183.12	23.00	144.96	
Missouri.....		1,865.21	10.84	64.45	448.00	59.28	32.50	96.55	23.00		
Montana.....		289.90	173.84	106.63		19.09	9.00	84.00	23.00	206.10	

<sup>1</sup> Including balance from previous year.

Expenditures from United States appropriation of Mar. 2, 1887, for the agricultural experiment stations for the year ended June 30, 1912—Contd.

Station.	Classified expenditures.										Buildings and repairs.	Balances.
	Fertilizers.	Feeding stuffs.	Library.	Tools, implements, and machinery.	Furniture and fixtures.	Scientific apparatus.	Live stock.	Traveling expenses.	Contingent expenses.			
Nebraska.....		\$542.61		\$108.45	\$239.25	\$228.52	\$256.64	\$256.27	\$25.00			
Nevada.....		929.72	\$4.80	66.25	17.55	32.05		322.05	73.00			
New Hampshire.....	\$242.35	215.52	607.87	177.09	302.22	523.83		340.31	25.75	\$254.94		
New Mexico.....			574.97	145.12	207.00	1.75		410.75	628.10	711.47		
New York (State).....	173.00	403.86		108.12	177.19	47.60		248.25	25.00	536.39		
New York (Cornell).....	30.50	50.00	11.10	228.61	83.35		175.00	132.27	25.00	666.63		
North Carolina.....	1,132.21	2,245.97	26.29	721.79	90.66		213.40	386.39	25.00	750.00		
North Dakota.....	29.30			119.00	342.66	225.78		59.05	25.00	124.07		
Ohio.....		367.00	95.78	184.30	434.40	5.43	138.00	103.43	74.59	87.90		
Oklahoma.....	13.00	1,542.48		167.66	56.65	150.22	1,474.06	36.05	25.00	61.16		
Oregon.....		245.65	174.38		73.67	74.86		75.34		125.80		
Pennsylvania.....	258.80	588.34	564.85	241.70	286.01	1.35		112.97		475.41		
Rhode Island.....	501.72	497.83	92.21	284.11	45.00	12.11	240.00	127.35	25.00	537.90		
South Carolina.....	65.06	810.38	165.79	360.40	264.18	346.95	221.35	236.10	25.00	549.31		
South Dakota.....	116.90	561.22	173.95	35.89	242.46	19.52		85.70	25.00	136.56		
Tennessee.....	119.85	484.85	580.75	619.65	303.77	39.79	913.98	447.35	25.00	114.98		
Texas.....	99.75	303.00	114.78	280.07	704.68	228.95	28.00	213.80		306.33		
Utah.....	68.40	1,064.21	284.78	77.17	84.17	69.28		348.41	36.77	749.04		
Vermont.....	93.95	378.77	318.76	101.38		109.31	74.53	425.09	45.00	51.24		\$12.10
Virginia.....		203.10	203.10	22.90	682.24				50.00	50.00		
Washington.....		234.36	165.90	63.99	129.94	1,310.26	10.50	106.46	25.00	10.77		
West Virginia.....		855.14	292.06		9.48			34.50				
Wisconsin.....		2,115.40	12.00	280.73	281.34	88.43	427.06	280.24	25.00	139.16		
Wyoming.....	1.95											
Total.....	7,002.65	33,984.76	9,281.50	8,473.51	9,057.31	7,837.31	10,332.53	10,787.98	1,758.66	14,384.41		459.20

*Disbursements from the United States Treasury to the States and Territories for Agricultural Experiment Stations under the acts of Congress approved Mar. 2, 1887, and Mar. 16, 1906.*

State or Territory.	Hatch Act.		Adams Act.	
	1888-1911	1912	1906-1911	1912
Alabama.....	\$359,199.34	\$15,000.00	\$56,619.89	\$15,000.00
Arizona.....	324,803.15	15,000.00	60,000.00	15,000.00
Arkansas.....	358,163.12	14,988.00	60,000.00	15,000.00
California.....	360,000.00	15,000.00	59,928.84	15,000.00
Colorado.....	359,718.82	15,000.00	58,638.93	15,000.00
Connecticut.....	360,000.00	15,000.00	60,000.00	15,000.00
Dakota Territory.....	56,250.00			
Delaware.....	359,382.87	15,000.00	57,050.12	15,000.00
Florida.....	359,966.11	14,999.95	59,996.19	14,999.87
Georgia.....	359,981.55	15,000.00	60,000.00	14,720.50
Idaho.....	284,824.13	15,000.00	55,822.22	15,000.00
Illinois.....	360,000.00	14,564.95	59,864.38	14,987.24
Indiana.....	359,901.19	15,000.00	55,000.00	15,000.00
Iowa.....	360,000.00	15,000.00	60,000.00	15,000.00
Kansas.....	360,000.00	15,000.00	60,000.00	15,000.00
Kentucky.....	359,996.57	15,000.00	60,000.00	15,000.00
Louisiana.....	360,000.00	15,000.00	60,000.00	15,000.00
Maine.....	359,999.62	15,000.00	60,000.00	15,000.00
Maryland.....	359,967.40	15,000.00	59,763.99	15,000.00
Massachusetts.....	359,617.70	15,000.00	60,000.00	15,000.00
Michigan.....	359,676.10	15,000.00	56,341.20	15,000.00
Minnesota.....	360,000.00	15,000.00	59,345.74	15,000.00
Mississippi.....	360,000.00	15,000.00	60,000.00	15,000.00
Missouri.....	355,097.24	15,000.00	60,000.00	15,000.00
Montana.....	270,000.00	15,000.00	57,417.04	15,000.00
Nebraska.....	359,932.16	15,000.00	60,000.00	15,000.00
Nevada.....	359,939.32	15,000.00	59,663.58	15,000.00
New Hampshire.....	360,000.00	15,000.00	60,000.00	15,000.00
New Jersey.....	359,961.97	15,000.00	59,558.78	15,000.00
New Mexico.....	324,998.90	15,000.00	60,000.00	15,000.00
New York.....	359,860.54	15,000.00	59,880.85	15,000.00
North Carolina.....	360,000.00	15,000.00	60,000.00	15,000.00
North Dakota.....	301,778.34	15,000.00	60,000.00	15,000.00
Ohio.....	360,000.00	15,000.00	58,514.02	15,000.00
Oklahoma.....	299,270.80	15,000.00	54,324.74	15,000.00
Oregon.....	345,156.64	15,000.00	55,000.00	15,000.00
Pennsylvania.....	359,967.43	15,000.00	59,995.41	15,000.00
Rhode Island.....	360,000.00	15,000.00	57,464.20	15,000.00
South Carolina.....	359,542.15	15,000.00	58,460.12	15,000.00
South Dakota.....	303,250.00	15,000.00	55,000.00	15,000.00
Tennessee.....	360,000.00	15,000.00	60,000.00	15,000.00
Texas.....	360,000.00	15,000.00	57,876.91	14,715.35
Utah.....	225,000.00	15,000.00	59,821.94	15,000.00
Vermont.....	360,000.00	15,000.00	60,000.00	15,000.00
Virginia.....	358,741.58	14,087.90	59,951.95	14,997.91
Washington.....	299,726.75	15,000.00	56,080.11	15,000.00
West Virginia.....	359,968.71	15,000.00	57,859.12	15,000.00
Wisconsin.....	360,000.00	15,000.00	60,000.00	15,000.00
Wyoming.....	345,000.00	15,000.00	60,000.00	15,000.00
Total.....	6,688,640.20	718,850.80	2,825,258.27	719,420.87

## Expenditures from United States appropriation of Mar. 16, 1906, for

	Station.	Amount of appropriation.	Classified expenditures.							
			Salaries.	Labor.	Postage and stationery.	Freight and express.	Heat, light, and water.	Chemical supplies.	Seeds, plants, and sundry supplies.	Fertilizers.
1	Alabama.....	\$15,000.00	\$9,967.49	\$2,161.68	\$168.53	\$182.78	\$183.04	\$514.42	\$316.39	\$146.70
2	Arizona.....	15,000.00	11,899.89	1,727.74	77.37	43.91	1.65	141.86	110.58	91.74
3	Arkansas.....	15,000.00	10,341.05	1,203.04	30.89	104.80	133.95	384.48	399.52	25.00
4	California.....	15,000.00	7,110.83	2,369.07	205.80	79.87	144.05	1,266.59	218.53	30.85
5	Colorado.....	15,000.00	11,494.12	226.98	113.79	213.83	.....	505.31	203.86	.....
6	Connecticut (State).....	7,500.00	4,671.41	982.43	84.22	62.34	429.11	689.71	162.48	17.03
7	Connecticut (Storrs).....	7,500.00	5,039.06	825.29	91.47	.....	35.29	165.15	659.99	6.50
8	Delaware.....	15,000.00	10,505.51	933.59	12.05	32.49	162.93	553.12	325.96	105.00
9	Florida.....	15,000.00	11,661.26	750.87	52.29	169.09	59.45	392.10	361.23	9.00
10	Georgia.....	15,000.00	9,450.00	1,529.95	182.00	77.06	174.03	181.86	138.22	200.14
11	Idaho.....	15,000.00	9,972.47	1,137.65	46.42	415.33	350.83	485.11	477.30	.....
12	Illinois.....	15,000.00	10,719.77	3,053.39	221.00	180.56	.....	84.44	46.09	.....
13	Indiana.....	15,000.00	11,193.18	281.76	42.53	14.09	25.80	202.50	473.16	.....
14	Iowa.....	15,000.00	9,024.49	2,391.68	28.91	44.78	105.48	924.98	465.96	.....
15	Kansas.....	15,000.00	5,083.40	4,617.82	61.72	238.01	18.66	559.29	577.40	.....
16	Kentucky.....	15,000.00	14,353.59	.....	9.00	.....	.....	122.97	5.00	.....
17	Louisiana.....	15,000.00	12,188.84	564.56	36.63	102.44	302.09	203.94	97.57	.....
18	Maine.....	15,000.00	13,181.92	112.94	22.22	73.06	134.15	30	444.05	57.77
19	Maryland.....	15,000.00	10,415.69	264.75	20.25	.....	525.69	386.88	220.39	.....
20	Massachusetts.....	15,000.00	12,650.33	836.74	53.47	22.82	71.76	167.75	223.57	71.25
21	Michigan.....	15,000.00	11,086.16	920.62	11.86	82.31	.....	957.96	192.03	5.72
22	Minnesota.....	15,000.00	12,288.54	1,226.42	65.20	2.88	.....	210.28	53.84	.....
23	Mississippi.....	15,000.00	4,094.20	4,304.33	6.19	283.50	2.06	2.22	474.12	.....
24	Missouri.....	15,000.00	7,119.03	1,779.66	16.10	.....	85.69	1,578.34	324.35	34.58
25	Montana.....	15,000.00	10,840.00	1,226.93	67.71	96.63	11.15	506.32	255.86	.....
26	Nebraska.....	15,000.00	10,241.80	1,730.84	1.23	108.07	.....	533.35	678.76	.....
27	Nevada.....	15,000.00	12,351.31	155.50	67.02	172.57	85.50	65.61	576.67	.....
28	New Hampshire.....	15,000.00	9,349.19	2,989.18	64.35	56.90	.....	146.08	307.87	192.67
29	New Jersey.....	15,000.00	10,538.34	1,082.03	27.34	51.50	179.42	384.74	475.61	167.20
30	New Mexico.....	15,000.00	9,380.42	2,068.58	87.54	307.77	.....	153.46	774.10	464.11
31	New York (State).....	1,500.00	1,500.00	.....	.....	.....	.....	.....	.....	.....
32	New York (Cornell).....	13,500.00	9,231.06	2,689.61	160.86	20.19	.....	401.42	108.31	2.00
33	North Carolina.....	15,000.00	11,248.47	1,241.43	227.60	65.95	33.79	251.48	127.07	217.81
34	North Dakota.....	15,000.00	10,523.02	1,515.05	13.68	41.51	.....	502.76	247.19	14.35
35	Ohio.....	15,000.00	12,778.34	350.65	53.50	.....	.....	687.93	.....	.....
36	Oklahoma.....	15,000.00	9,407.28	2,398.37	2.75	247.61	130.84	329.16	301.01	.....
37	Oregon.....	15,000.00	10,711.29	460.38	9.00	97.78	79.18	773.90	259.40	.....
38	Pennsylvania.....	15,000.00	9,458.91	1,047.71	14.42	552.18	119.52	655.82	236.04	1,143.22
39	Rhode Island.....	15,000.00	8,622.90	3,291.01	36.09	102.50	511.85	67.06	284.31	39.40
40	South Carolina.....	15,000.00	7,799.97	3,336.01	137.12	79.88	105.62	231.69	532.98	378.33
41	South Dakota.....	15,000.00	7,118.34	3,637.28	3.16	655.50	133.82	663.74	874.94	27.00
42	Tennessee.....	15,000.00	10,568.31	911.71	14.70	89.53	109.22	1,021.24	148.21	11.75
43	Texas.....	15,000.00	8,912.88	1,263.00	80.15	128.68	117.14	1,161.53	119.75	284.00
44	Utah.....	15,000.00	8,583.35	3,032.29	55.80	25.81	289.50	786.84	182.47	.....
45	Vermont.....	15,000.00	8,083.65	2,853.44	44.82	26.54	17.95	261.26	59.42	.....
46	Virginia.....	15,000.00	9,824.82	1,230.44	43.37	147.30	61.10	506.56	181.60	93.00
47	Washington.....	15,000.00	9,314.80	2,073.10	42.29	222.82	15.10	302.65	163.10	.....
48	West Virginia.....	15,000.00	10,942.87	1,264.50	16.45	.....	.....	339.97	5.00	.....
49	Wisconsin.....	15,000.00	8,500.00	2,358.00	7.45	.....	540.22	975.21	103.63	6.78
50	Wyoming.....	15,000.00	11,610.00	184.80	12.25	161.05	162.72	503.62	.....	.....
	Total.....	720,000.00	482,953.55	78,594.80	2,950.56	5,884.22	5,802.81	23,506.90	13,664.90	3,378.79

<sup>1</sup> Including balance from previous year.

the agricultural experiment stations for the year ended June 30, 1912.

Classified expenditures.									
Feeding stuffs.	Library.	Tools, imple-ments, and machinery.	Furniture and fixtures.	Scientific apparatus.	Live stock.	Traveling expenses.	Contingent expenses.	Build-ings and repairs.	Bal-ances.
\$28.17	\$58.91	\$120.69	\$307.27	\$351.74	\$120.65	\$75.09		\$296.45	1
5.40		228.49	280.48	196.52		115.50		78.87	2
8.78	116.46	391.79	296.16	474.60	214.83	150.97		723.68	3
	34.28	1,023.85	124.45	685.27	101.05	1,078.96	\$8.00	518.55	4
	115.75	154.63	172.65	607.08		453.40		738.60	5
182.08		9.96		107.68		101.55			6
121.80	13.05	31.85		189.13	231.85	23.92		65.65	7
	115.82	17.37		394.30	1,392.25	54.54		395.07	8
	92.08	140.61	5.40	322.52		799.76		184.21	9
1,019.37	185.38	141.95	82.30	451.89	7.00	149.35		750.00	10
	58.69	244.43	43.90	1,251.10		405.30		111.47	11
			74.87	12.97	175.00				12
419.15		110.52		640.01	766.82	871.38	3.00		13
172.20	203.05	188.60	20.00	347.37		111.05			14
1,346.70		878.59	119.35	146.61	868.50	422.89		418.12	15
957.48	32.16			349.77	18.00	63.67	70.00	8.00	16
	110.85	197.99	67.54	545.75	89.70	329.14		27.49	17
135.47	42.80	51.13	24.44	314.62	10.90	222.13		288.87	18
18.70				217.97	300.00	18.85		701.22	19
1,118.60	408.51	294.95	106.25	308.68		24.95		140.58	20
	2.00	8.40	417.70	1,566.73	1.00			152.44	21
	23.17			367.84	55.50	299.83		100.92	22
60.01		112.83	155.91			29.45		217.01	23
1,311.91		824.92	112.59		3,337.50			426.12	24
1,914.61			36.75	165.95	1,410.65	108.17		192.40	25
113.40	83.10	577.08	57.30	341.34	60.00	570.78			26
397.27	22.04	294.18	23.80	749.30		219.36			27
210.00	69.76	200.10	68.50	435.39	110.00	402.77	14.75	14.55	28
752.94	17.83	70.41	33.92	427.01	62.32	343.12		186.21	29
240.00	322.06	432.62	130.50	560.47	237.50			170.67	28
348.56		451.12	232.50	106.90	225.00			400.00	30
									31
	66.34	83.76	41.87			51.96		642.62	32
									33
452.38	134.40	145.97	345.62	53.30	76.55	73.95		304.23	33
523.15	2.54	30.98	87.70	394.43	647.60	68.99		367.05	34
84.00	17.45	2.50	474.20	427.90		21.05		102.48	35
1,047.00	13.50	199.50	29.80	319.30	120.75	151.88		310.25	36
597.40	16.21	48.70	39.90	1,043.93	2.00	481.40		379.53	37
	81.62	238.64		767.50		530.07		154.35	38
852.71	50.54	367.31	8.95	294.55	243.25	32.30		195.27	39
1,036.76	83.90	52.50		547.03	200.00	187.10		291.11	40
669.83	60.45	195.85	92.26	574.69	70.50	77.31		145.33	41
	236.32	58.75	185.40	1,130.73		155.42		358.71	42
241.30	261.33	213.09	140.14	850.15	173.75	19.30		749.16	43
690.10	34.82	642.70	44.96	182.36		315.75		133.25	44
2,213.16	92.51	14.00	30.50	735.71		135.70		431.34	45
368.35	22.57		194.44	284.45	1,500.00	389.68		149.83	2.19
113.82		296.29	130.45	1,336.64	35.00	776.49		177.45	47
882.19	15.30			1,533.72					48
1,654.04		47.50	5.00	890.60	15.00				49
578.03	87.07	40.30	30.60	756.85	227.35	237.10		304.63	50
22,886.82	3,404.62	9,897.40	4,876.32	24,760.35	13,107.67	11,151.33	95.75	12,503.74	579.23

Year	Month	Day	Event
1776	July	4	Declaration of Independence
1776	September	26	Adoption of the Constitution
1776	October	4	Evacuation of Philadelphia
1777	September	26	Adoption of the Constitution
1777	October	4	Evacuation of Philadelphia
1777	November	26	Adoption of the Constitution
1777	December	19	Evacuation of Philadelphia
1778	January	26	Adoption of the Constitution
1778	February	19	Evacuation of Philadelphia
1778	March	26	Adoption of the Constitution
1778	April	19	Evacuation of Philadelphia
1778	May	26	Adoption of the Constitution
1778	June	19	Evacuation of Philadelphia
1778	July	26	Adoption of the Constitution
1778	August	19	Evacuation of Philadelphia
1778	September	26	Adoption of the Constitution
1778	October	19	Evacuation of Philadelphia
1778	November	26	Adoption of the Constitution
1778	December	19	Evacuation of Philadelphia
1779	January	26	Adoption of the Constitution
1779	February	19	Evacuation of Philadelphia
1779	March	26	Adoption of the Constitution
1779	April	19	Evacuation of Philadelphia
1779	May	26	Adoption of the Constitution
1779	June	19	Evacuation of Philadelphia
1779	July	26	Adoption of the Constitution
1779	August	19	Evacuation of Philadelphia
1779	September	26	Adoption of the Constitution
1779	October	19	Evacuation of Philadelphia
1779	November	26	Adoption of the Constitution
1779	December	19	Evacuation of Philadelphia
1780	January	26	Adoption of the Constitution
1780	February	19	Evacuation of Philadelphia
1780	March	26	Adoption of the Constitution
1780	April	19	Evacuation of Philadelphia
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