

DEPARTMENT OF THE INTERIOR,
BUREAU OF EDUCATION

BULLETIN, 1928, No. 14

LAND-GRANT COLLEGES
AND UNIVERSITIES

YEAR ENDED JUNE 30
1927

By

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LETTER OF TRANSMITTAL

DEPARTMENT OF THE INTERIOR,
BUREAU OF EDUCATION,
Washington, D. C., March 31, 1928.

SIR: In accordance with the provisions of the land-grant act of 1862, the Morrill Act of 1890, and the Nelson amendment of 1907, the land-grant colleges and universities of the United States make annual reports to the Secretary of the Interior on the condition and progress of the institutions.

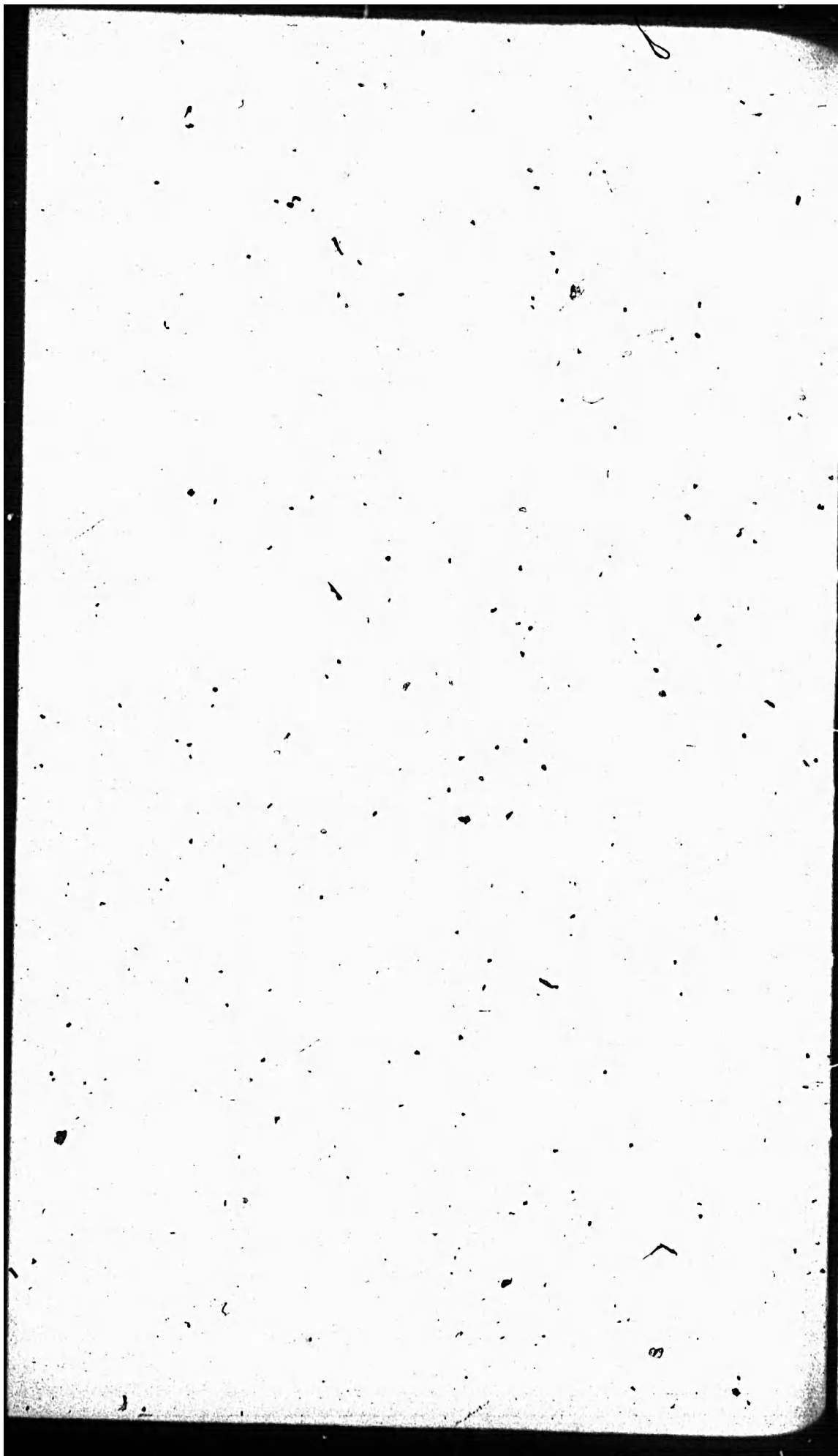
Each year the Bureau of Education analyzes these reports. The purpose of this annual study is to set forth in detail information on staff, students, income, expenditures, improvements, and other factors which tend to show the progress that the land-grant institutions are making. The year 1926-27 has undoubtedly been the most successful year that the colleges have yet experienced.

Dr. Walter J. Greenleaf, associate specialist in higher education, has prepared the 1926-27 manuscript, and I recommend that it be published as a bulletin of the United States Bureau of Education.

Respectfully submitted.

JNO. J. TIGERT, *Commissioner.*

The SECRETARY OF THE INTERIOR.



THE LAND-GRANT COLLEGES AND UNIVERSITIES

YEAR ENDED JUNE 30, 1927

Part I. GENERAL

Sixty-nine land-grant colleges and universities have been established. Part II of this bulletin is devoted to the 52 land-grant institutions which are attended by white students, and Part III is given to the 17 land-grant colleges attended exclusively by negroes. The general summary for the 69 institutions, shown in Table 1, includes comparative figures for 1916-17, 1921-22, and 1926-27 on faculty, enrollments, degrees, libraries, receipts and expenditures, property, and the Federal land-grant funds. The status of the 1862 land-grant funds and other Federal land grants is shown by States (not by institutions) in Table 2. A directory of land-grant institutions attended by white students is given at the beginning of Part II and of negro land-grant colleges at the beginning of Part III. In the remaining tables the name of the State in which the land-grant college is located is used for brevity, instead of the name of the institution. Institutions may be identified by reference to the directory.

The survey of land-grant colleges which is now taking place, the survey of Rutgers University which was completed in 1927, the recent bill for Oklahoma's claim to 1862 land-grant funds, and the annual convention of the Association of Land-Grant Colleges and Universities are items of general interest.

THE SURVEY OF LAND-GRANT COLLEGES

On July 1, 1927, the first installment of the Federal appropriation of \$117,000 was made available to the Bureau of Education for the purpose of conducting a study of the work of land-grant colleges and universities. Space is not available here to give a comprehensive outline of the plan of the survey, but the work is rapidly progressing on the basis of three general principles outlined by Dr. John J. Tigert, Commissioner of Education.

(1) The Bureau of Education regards the survey as a national study of the accomplishments, the present status, and the future objectives of the land-grant type of education and not a collection of surveys of individual institutions.

(2) The bureau feels that the success of the survey depends largely upon the impartiality and thoroughness with which it may discover facts and make constructive recommendations. Therefore, it will be the policy of the bureau to maintain entire control of the work

and assume responsibility for the report. At the same time, it is planned to utilize to the fullest extent all of the groups, agencies, and individuals who are now organized to carry on and promote the interests of special aspects of land-grant college education. The leaders and the rank and file of land-grant college education will be freely consulted and given opportunity to express opinions. Close contact will be maintained with the services in the Department of Agriculture which articulate with the land-grant colleges. The personnel of the survey staff outside the bureau's permanent staff will be obtained in large part from those engaged in administration and instruction in the land-grant colleges.

(3) In the broadest sense, the functions of the land-grant colleges as defined by the Morrill Act and as developed during their past history are regarded by the Bureau of Education to be public and democratic in nature, with ideals, practical purposes, and objectives which are worthy of full recognition in the field of higher education.

The Commissioner of Education will maintain general direction of the work and Dr. Arthur J. Klein, Chief of the Division of Higher Education, will be immediately in charge as director of the survey. On the general advisory committee are: Hon. Hubert Work, Secretary of the Interior, chairman; Hon. W. M. Jardine, Secretary of Agriculture, representing the Department of Agriculture and agricultural interests; Dr. Raymond A. Pearson, president of the University of Maryland, representing the Association of Land-Grant Colleges and Universities; Dr. Charles A. Lory, president of the Colorado Agricultural College, representing the separated land-grant college; Dr. Lotus D. Coffman, president of the University of Minnesota, representing State universities which receive the benefits of the Morrill Act; President R. S. Wilkinson, of the State Agricultural and Mechanical College of South Carolina, representing land-grant colleges exclusively for negroes; Miss Martha Van Rensselaer, director of home economics at Cornell University, representing home economics and education of women; Dr. Samuel W. Stratton, president of the Massachusetts Institute of Technology, representing technical engineering; Dr. Francis G. Blair, State Superintendent of Public Instruction of Illinois, and past president of the National Education Association, representing public education.

Liaison committees have also been appointed from the executive committee of the Association of Land-Grant Colleges and Universities, from representatives from each section and subsection of the association, from the American Veterinary Medical Association, from the Association of Governing Boards of State Universities and Allied Institutions, and from other organizations. Much of the work is being done by members of the faculties in the land-grant colleges themselves, who are being called to Washington to work with the specialists in the Bureau of Education.

The plan of the survey covers the status, functions, activities, interests, relationships, and objectives of the land-grant colleges. Questionnaires are being assembled which will be directed to (1) graduates and ex-students of the colleges, (2) to members of the college staffs, and (3) to the local committees of each land-grant college. The latter portion of the questionnaire will be arranged under six heads: Overhead problems; resident subcollegiate instruction, resident undergraduate instruction, adult education, research, and student relations and welfare. Special attention will be given to teacher training, arts and sciences, military education, commerce and business, agriculture, engineering, home economics, and veterinary medicine. The study will include the constitution and control of institutions; financial, social, economic, and educational relationships to the State and its constituency; duties and activities of the president's office; organization of the institution into colleges, schools, and departments; budget making; staff problems; physical plant; registrar's office; library.

The final report will consist of two parts—one of a technical nature, and one a popular summary of the entire survey. This survey, one of the largest ever undertaken in the United States, will assist the institutions to solve some of their future problems relating to organization, financing, curriculum construction, and relationship to other State institutions and organizations.

SURVEY OF RUTGERS UNIVERSITY

Upon request, the Bureau of Education made a survey of Rutgers University in the fall of 1926. Survey offices were opened at the university on October 18, and a committee of 14 members headed by Dr. Arthur J. Klein continued its investigations upon the ground until November 15. The factors considered were: The State and the university, control and business management; administrative and educational organization; student relations and welfare; the library and library service; the faculty; educational objectives; education in the arts and sciences; agricultural education; engineering education; education of teachers; commerce and business; graduate and professional education; extension service; and the future of the university. Among the high points of the recommendations, the committee advised that a single annual State appropriation be paid to the university, and that the business administration be organized with an administrator or comptroller in charge.

A university senate should constitute the general legislative body for the university. The university needs a meeting place adequate to accommodate the entire student body, men and women, at one time. The university library should distinguish clearly its triple functions as (1) a college library, (2) a university library, and (3)

an extension agency, and should contemplate the future erection of a great central library building as the dominating feature of a new undergraduate campus.

Consideration should be given to the division of the time of the faculty among university activities, to unity in organization and administration, to adequate salaries, and competent and sufficient clerical aids. Courses are needed to meet the social, industrial, and business needs of New Jersey. The college environment should be modified to prepare students for modern life. The agricultural college should be open to women, and provision made by way of buildings and equipment for certain necessary courses and closer coordination with the general university.

In engineering the courses should provide adequate opportunities and train students for the diverse industrial interests of New Jersey. The school of education needs to be organized, equipped, and supported as an integral part of the university in direct control of all curricula carried on by the university for the professional education of teachers and school officials. The school of business should be open to and provide opportunities and service courses for students in every other school or college of the university. Concerning a law school, either close affiliation or actual amalgamation with existing law schools of the State should be brought about. Graduate scholarships and fellowships should be established. Graduate assistants should be employed. The future program for extension service should include courses for degree credit, instruction by resident teaching departments, and annual appropriations to meet part of the cost of organization of such courses and classes.

1862 LAND-GRANT FUNDS FOR OKLAHOMA

Oklahoma (see Table 2) by its enabling act approved June 16, 1906 (34 Stat: 267), received a grant of 250,000 acres of land for the benefit of the agricultural and mechanical college and 100,000 acres for the benefit of the colored agricultural and normal university. The land office held that selections under these grants were not to be considered as selections for agricultural colleges within the meaning of section 2238 Revised Statutes, and the usual fees were collected, the same as for other State grants for educational and other purposes. Oklahoma later made application for the benefits of the act of July 2, 1862, but it was held that, although not expressly stated in the enabling act, it—

was not believed to have been the intent of Congress that the State of Oklahoma should receive the benefits of the act of 1862 in addition to the other grants for the same purposes.

When Oklahoma appealed the Secretary of the Interior held (April 24, 1916) that—

The grant of lands to Oklahoma, by its enabling act of June 16, 1906 (24 Stat. 267), for the benefit of the agricultural and mechanical colleges, was not in lieu of the benefits of the acts of 1862 and 1866, but in view of the department's opinion that the measure of the grant is undetermined and undeterminable, it is unnecessary to pass upon this question. If this be true, it is a matter wholly within the discretion of Congress to say whether Oklahoma shall hereafter receive the benefits of said acts, and calls for no expression of opinion by this department at the present time.

On December 5, 1927, Mr. Garber, of Oklahoma, introduced in the House of Representatives of the United States a bill, which was referred to the Committee on Public Lands, to grant to the State of Oklahoma for the benefit of its agricultural and mechanical colleges, 210,000 acres of unappropriated nonmineral land, or to pay to the State of Oklahoma in lieu thereof the sum of \$1.25 per acre for the number of acres due said State. The bill is now pending in the committee.

ASSOCIATION OF LAND-GRANT COLLEGES AND UNIVERSITIES

The fortieth annual convention of the Association of Land-Grant Colleges and Universities was held at the Willard Hotel, Washington, D. C., on November 16-18, 1926. The opening session was held jointly with the National Association of State Universities, with President E. A. Burnett, of Nebraska, presiding. The first number on the program was "The Problem of the Separate State University and the Separate Land-Grant College in the Same State," by President W. A. Jessup, of the State University of Iowa.

State universities * * * will be forced to redefine their purposes. This problem will be great enough in States operating but one so-called university, as has been exemplified in California, but it will ultimately become very much greater in States operating two such institutions. If the maximum good is to be secured from the public's dollar, the problem of interpreting the function of each institution in the light of the needs of a system of higher education for the State must be ever present, and fortunate is the State in which these two institutions come to a clear understanding and agreement as to policy and function to the end that rivalries and shortsighted temporary advantages give way before the demands of a well-rounded system of tax-supported and publicly controlled higher educational institutions.

Limitation of enrollment was discussed by Stratton D. Brooks, of Missouri.

The second general session was addressed by the president of the association, Dean E. A. Burnett, of Nebraska, on "The Responsibilities of the Land-Grant Institutions in Promoting a Forward-Looking Agricultural Policy for the United States," and by the honorable the Secretary of Agriculture, William M. Jardine; Dean A. R. Mann,

of New York; and Dr. C. R. Mann, of the American Council of Education.

The committee on extension organization and policy reported as follows:

I. Development of the Extension System.

The Smith-Lever Act of 1914 contemplated that the funds thus made available would eventually provide sufficient money for the establishment of an adequately equipped agricultural extension service at each agricultural college, with the employment of a county agent and a home demonstration agent in each agricultural county in the United States. The Smith-Lever funds reached their maximum in 1923. There has been practically no increase in the number of county agents and home demonstration agents since that date. At present 23 per cent of the agricultural counties do not have county agents, and 65 per cent do not maintain home demonstration agents.

The demands of the rural homes for extension service and the demands for expanding the boys' and girls' club work have grown beyond the capacity of the present force of extension workers. Not only have the demands greatly increased, but the increasing cost of operating the extension service since the World War has meant the carrying of extension activities with funds depreciated from 30 to 50 per cent in purchasing power.

Since the Federal Government is now paying only \$1 for every \$1.83 from State sources for the support of extension work, and since the needed expansion for the entire extension program is national in scope, we believe that additional funds should be appropriated by the Federal Government.

With these facts in mind, it is proposed that Congress be requested to make an appropriation, with \$500,000 being made available the first year and \$500,000 additional each year thereafter for a 10-year period, the States not being required to match this additional appropriation.

II. Relationships Between Smith-Lever and Smith-Hughes.

Conditions prevailing generally reveal the fact that the relations between Smith-Lever and Smith-Hughes workers are not in harmony with the spirit of the respective organic acts and memoranda relating thereto. The time has arrived when the facts should be fully presented to the highest executive authorities in charge of Smith-Hughes and Smith-Lever activities for the purpose of arriving at an understanding and adjustment of prevailing difficulties.

III. Administration of Extension Activities of the Cooperative Marketing Bureau.

Since marketing work is a vital part of the extension program in all the States, we emphasize the necessity of observing the general memorandum of understanding between the land-grant colleges and the United States Department of Agriculture in carrying out the extension activities of the cooperative marketing division of the Bureau of Agricultural Economics.

IV. Radio Interests.

Developments of the past year further emphasize the potential possibilities of radio as a new and effective means of extension education. It is of the utmost importance that the interests of the land-grant colleges be diligently followed up during this period of legislative enactment and regulation. For this purpose the radio committee should be continued during the ensuing year.

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1927

Professors, students, finances	1916-17	1921-22	1926-27
I. PROFESSORS AND INSTRUCTORS			
Professors, instructors, extension workers, and experiment station staff:			
In institutions attended by white students.....	9,800	20,619	23,156
In institutions exclusively for negro students.....	544	591	823
Total.....	10,344	21,210	23,979
II. STUDENT ENROLLMENT			
Total enrollment:			
In institutions attended by white students.....	122,053	204,834	371,049
In institutions exclusively for negro students.....	11,352	10,028	17,567
Total.....	133,405	214,862	388,616
Students in the following regular college courses of study in institutions attended by white students:			
Agriculture (including forestry and veterinary sciences)			
Forestry.....	16,409	15,477	12,710
Veterinary science.....	347	629	1,013
Home economics.....	773	450	520
Engineering—	5,055	6,090	7,887
Mechanical.....	4,417	5,012	5,179
Civil.....	2,868	4,842	5,082
Electrical.....	3,256	6,814	8,093
Mining.....	871	1,590	921
Chemical.....	1,505	2,448	2,191
General and unclassified.....	2,351	5,283	6,067
Architecture.....	904	659	1,216
Pharmacy.....	377	1,780	2,784
Students in military science:			
In 52 institutions attended by white students.....	33,704	37,399	51,508
In 17 institutions attended exclusively by negro students.....	1,415	1,319	1,251
Total.....	35,119	38,718	52,759
III. DEGREES CONFERRED			
In colleges attended by white students			
Baccalaureate or first degrees in—			
Agriculture.....	2,803	2,239	1,799
Engineering (mechanic arts).....	2,404	3,682	3,927
Home economics.....	787	861	1,302
All other courses of study.....	5,367	8,608	14,067
Total.....	11,361	15,390	21,095
Advanced degrees in—			
Agriculture.....	221	307	349
Engineering (mechanic arts).....	186	380	677
Home economics.....	9		20
All other courses of study.....	897	987	2,117
Total.....	1,313	1,674	3,163
IV. LIBRARIES			
Number of bound volumes—			
In institutions attended by white students.....	3,912,769	5,539,786	6,996,291
In institutions exclusively for negro students.....	70,047	46,518	64,211
Total.....	3,982,816	5,586,303	7,060,502
V. RECEIPTS			
(69 institutions)			
State funds from—			
Endowments granted by the State.....	\$160,768	\$125,048	\$464,264
Appropriations for support.....	16,742,378	32,170,761	45,211,636
Appropriations for permanent improvements.....	4,475,818	9,347,609	11,787,342
Total State aid.....	21,378,964	41,643,418	57,463,242

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1927—Continued

Professors, students, finances	1916-17	1921-22	1926-27
V. RECEIPTS—Continued			
United States funds from—			
Land-grant fund of 1862.....	\$930,170	\$907,007	\$1,028,283
Other land-grant funds.....	241,840	353,890	453,798
Morrill-Nelson funds.....	2,515,171	2,501,644	2,562,412
Other sources.....			57,094
Total Federal aid.....	3,687,181	3,762,541	4,091,792
Institutional funds from—			
College endowment funds.....	1,399,607	2,051,589	3,719,785
Tuition fees, board, and lodging.....	6,077,868	13,999,053	20,211,004
Departmental earnings.....	2,970,412	4,875,516	7,908,446
Private gifts.....	1,213,394	4,544,796	6,754,079
Miscellaneous.....	1,113,836	3,226,463	7,117,084
Total institutional funds.....	12,775,117	28,697,417	45,710,396
Grand total receipts for instruction and administration.....	37,841,260	74,103,376	107,265,332
Experiment station funds from—			
State.....	1,588,883	4,574,025	4,594,287
United States.....	1,369,700	1,371,500	2,578,249
Private gifts and other sources.....	242,620	214,553	2,702,421
Experiment station earnings.....	1,213,216	1,586,410	2,197,865
Total experiment station funds.....	4,414,419	7,746,488	10,054,927
Other research funds.....			777,048
Regulatory service funds.....		187,309	1,269,279
Extension service funds from—			
State, Smith-Lever, and others.....	2,325,563	5,318,975	5,898,143
United States.....	1,411,836	6,106,409	6,071,844
County or association.....	606,334	3,774,541	3,299,167
Miscellaneous.....	79,985	980,746	1,609,815
Total for extension service.....	4,513,718	16,180,671	16,878,969
Smith-Hughes funds.....		487,411	435,140
Grand total receipts of institutions.....	46,769,397	98,526,946	136,680,674
VI. EXPENDITURES			
(Does not include negro land-grant colleges)			
Operation and maintenance:			
Salaries and wages.....	\$ 57,748,878	\$ 62,301,990	70,709,216
Materials, supplies, etc.....	26,068,181	23,491,488	34,937,742
Capital outlay:			
Equipment.....	4,037,890	4,411,912	4,990,473
Lands, buildings, and land improvements.....	13,230,027	16,221,796	14,076,455
Trust funds.....	1,815,982	3,641,950	3,427,879
Not itemized (see footnotes expenditure table).....	8,338,044	8,392,534	
Total.....	\$ 111,239,902	\$ 123,461,070	128,141,765
VII. SUMMARY OF RECEIPTS AND EXPENDITURES			
(69 institutions)			
Total receipts from—			
Federal sources.....	6,468,717	11,727,861	13,357,025
State sources.....	25,293,408	51,536,418	68,767,969
Private gifts.....	1,535,090	4,544,796	7,295,007
Institutional funds.....	7,477,475	17,468,310	23,867,641
Earnings.....	4,183,828	6,461,920	17,317,341
Miscellaneous sources.....	1,810,170	6,787,635	6,078,696
Total receipts.....	46,769,397	98,526,946	136,680,675

¹ Not included in total.

² In 1924-25; no data previous to that year.

³ In 1925-26.

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1927—Continued

Professors, students, finances	1916-17	1921-22	1926-27
VII. SUMMARY OF RECEIPTS AND EXPENDITURES—Continued			
Total expenditures for—			
Operation and maintenance—			
Salaries, etc.....	No data.	No data.	\$71,834,808
Materials, etc.....			36,007,198
Capital outlay—			
Equipment, etc.....			5,158,357
Lands, buildings, etc.....			14,892,956
Trust funds.....			3,461,626
Not itemized (negro funds).....			199,074
Total expenditures.....			131,554,017
VIII. VALUE OF PROPERTY			
(69 institutions)			
Land-grant funds, including value of unsold land.....	\$31,884,639	\$33,359,126	27,544,081
Other endowment funds.....	34,482,447	48,815,563	72,095,077
Farms, grounds, and buildings.....	96,557,121	138,922,991	223,411,307
Apparatus and machinery.....	22,198,115	32,632,867	50,268,502
Libraries.....	6,685,958	10,257,825	15,375,720
Livestock.....	1,599,928	2,336,207	2,617,712
Miscellaneous.....		3,422,805	9,346,704
Total value of property.....	193,408,208	269,747,384	400,659,003
IX. FEDERAL LAND-GRANT FUNDS			
(69 institutions)			
Land-grant of 1862:			
Amount of fund.....	15,060,548	17,134,126	18,757,594
Value of unsold land.....	7,316,326	6,117,611	6,143,984
Other land-grants:			
Amount of funds.....	3,729,065	6,440,404	8,965,296
Value of unsold lands.....	5,778,700	3,814,250	7,562,689
Total Federal land-grant funds.....	31,884,639	33,506,391	41,429,563

Table 2.—FEDERAL LAND-GRANT FUNDS, BY STATES—Status of funds
June 30, 1927¹

State	Federal land grant of 1862 or grants in lieu thereof				Other Federal land grants		
	Number of acres received	Unsold land		Amount of fund, not including value of unsold land	Unsold land		Amount of fund, not including value of unsold land
		Number of acres	Value		Number of acres	Value	
1	2	3	4	5	6	7	8
Alabama.....	240,000	0	0	\$253,500.00	0	0	0
Arizona.....	150,000	136,598.10	(²)	8,923.20	424,997.16	(²)	\$609,481.62
Arkansas.....	150,000	0	0	132,666.67	0	0	0
California.....	150,000	1,105.64	\$10,810.53	759,937.84	320.00	\$800.00	74,962.37
Colorado.....	90,000	33,503.14	335,031.40	379,894.92	0	0	0
Connecticut.....	180,000	0	0	135,000.00	0	0	0
Delaware.....	90,000	0	0	83,000.00	0	0	0
Florida.....	90,000	0	0	153,837.23	0	0	131,208.66
Georgia.....	270,000	0	0	242,202.17	0	0	0
Idaho.....	90,000	51,927.30	519,273.00	651,772.09	136,788.46	1,367,884.60	1,349,560.29
Illinois.....	480,000	0	0	649,012.91	0	0	0
Indiana.....	390,000	0	0	340,000.00	0	0	0
Iowa.....	204,309	0	0	592,463.46	0	0	0
Kansas.....	90,000	7,521.04	56,407.80	505,508.56	0	0	0
Kentucky.....	330,000	0	0	165,000.00	0	0	0
Louisiana.....	209,920	0	0	182,313.03	0	0	136,000.00
Maine.....	210,000	0	0	118,300.00	0	0	0
Maryland.....	210,000	0	0	117,463.60	0	0	0
Massachusetts.....	360,000	0	0	219,000.00	0	0	0
Michigan.....	235,663	60,523.23	100,000.00	1,003,495.12	0	0	0
Minnesota.....	94,439	13,389.25	80,335.50	2,296,678.35	0	0	0
Mississippi.....	209,920	0	0	98,575.00	0	0	141,212.34
Missouri.....	277,067	42,415.00	169,660.00	469,248.14	0	0	122,000.00
Montana.....	138,954	60,508.50	605,983.00	596,337.81	38,224.43	382,244.30	201,654.67
Nebraska.....	90,000	8,356.29	44,494.03	662,265.37	10,278.83	71,951.81	287,258.25
Nevada.....	90,000	880.00	1,350.00	122,707.31	320.00	400.00	58,641.39
New Hampshire.....	150,000	0	0	80,000.00	0	0	0
New Jersey.....	210,000	0	0	116,000.00	0	0	0
New Mexico.....	150,000	244,248.00	404,134.42	119,393.12	0	0	0
New York.....	989,920	0	0	688,576.12	0	0	0
North Carolina.....	270,000	0	0	125,000.00	0	0	0
North Dakota.....	90,000	36,728.15	660,000.00	1,548,460.04	0	0	0
Ohio.....	629,000	0	0	524,176.50	0	0	226,196.04
Oklahoma.....	(⁷)	761.52	(⁸)	203,504.04	143,674.75	1,745,809.48	1,034,060.04
Oregon.....	89,908	0	0	0	0	0	0
Pennsylvania.....	780,000	0	0	500,000.00	0	0	0
Rhode Island.....	120,000	0	0	50,000.00	0	0	0
South Carolina.....	180,000	0	0	191,800.00	0	0	0
South Dakota.....	120,000	100,474.90	1,004,749.00	555,739.27	33,491.63	334,916.30	182,768.81
Tennessee.....	300,000	0	0	400,000.00	0	0	0
Texas.....	180,000	0	0	209,000.00	0	0	0
Utah.....	200,000	0	0	294,489.23	0	0	0
Vermont.....	149,920	0	0	135,000.00	0	0	0
Virginia.....	300,000	0	0	344,312.00	0	0	0
Washington.....	89,438	71,452.49	1,429,049.80	1,002,009.50	82,899.11	1,657,982.20	1,568,072.74
West Virginia.....	150,000	0	0	115,000.00	0	0	0
Wisconsin.....	240,005	40.00	120.00	303,594.61	156.23	700.00	233,066.50
Wyoming.....	89,832	72,258.37	722,583.70	312,416.37	34,428.04	2,000,000.00	1,709,111.86
Total.....	10,598,295	1,560,063.63	6,143,984.18	18,757,593.68	905,576.64	7,562,688.09	8,965,296.46

¹ Alaska, Hawaii, and Porto Rico do not participate.² Not available.³ Minnesota occupational ore tax of \$1,351,488.29 has been deducted.⁴ Unsold land from the Ferguson Act and the enabling act not kept separate.⁵ Also 40,000 acres additional; statistics are not separated.⁶ Virginia military lands.⁷ Oklahoma received 250,000 acres for the benefit of the agricultural and mechanical colleges by the enabling act of June 16, 1906, which does not state that the grant was in lieu of the 1862 grant.⁸ Unappraised.

Part II. LAND-GRANT COLLEGES ATTENDED BY WHITE STUDENTS

DIRECTORY, 1928—Location—Name of president

1. *Alabama*.—Alabama Polytechnic Institute,* Auburn—Bradford Knapp.
2. *Alaska*.—Alaska Agricultural College and School of Mines,* Fairbanks—Charles E. Bunnell.
3. *Arizona*.—University of Arizona, Tucson—Homer L. Shantz.
4. *Arkansas*.—University of Arkansas, Fayetteville—John C. Futrall.
5. *California*.—University of California, Berkeley—William W. Campbell.
6. *Colorado*.—Colorado Agricultural College,* Fort Collins—Charles A. Lory.
7. *Connecticut*.—Connecticut Agricultural College,* Storrs—Charles B. Gentry, acting.
8. *Delaware*.—University of Delaware, Newark—Walter Hulihan.
9. *Florida*.—University of Florida, Gainesville—John J. Tigert.
10. *Georgia*.—Georgia State College of Agriculture and Mechanic Arts, Athens—Andrew M. Soule.
11. *Hawaii*.—University of Hawaii, Honolulu—D. L. Crawford.
12. *Idaho*.—University of Idaho, Moscow—Frederick J. Kelly.
13. *Illinois*.—University of Illinois, Urbana—David Kinkaid.
14. *Indiana*.—Purdue University,* La Fayette—Edward C. Elliott.
15. *Iowa*.—Iowa State College of Agriculture and Mechanic Arts,* Ames—Raymond M. Hughes.
16. *Kansas*.—Kansas State Agricultural College,* Manhattan—Francis D. Farrell.
17. *Kentucky*.—University of Kentucky, Lexington—Frank L. McVey.
18. *Louisiana*.—Louisiana State University and Agricultural and Mechanical College, Baton Rouge—Thomas W. Atkinson, acting.
19. *Maine*.—University of Maine, Orono—Harold S. Boardman.
20. *Maryland*.—University of Maryland, College Park—Raymond A. Pearson.
21. *Massachusetts*.—Massachusetts Agricultural College,* Amherst—Roscoe W. Thatcher.
22. *Massachusetts*.—Massachusetts Institute of Technology,* Cambridge—Samuel W. Stratton.
23. *Michigan*.—Michigan State College of Agriculture and Applied Science,* East Lansing—Robert S. Shaw.
24. *Minnesota*.—University of Minnesota, Minneapolis—Lotus D. Coffman.
25. *Mississippi*.—Mississippi Agricultural and Mechanical College,* Agricultural College—B. M. Walker.
26. *Missouri*.—University of Missouri, Columbia—Stratton D. Brooks.
27. *Montana*.—Montana State College of Agriculture and Mechanic Arts,* Bozeman—Alfred Atkinson.
28. *Nebraska*.—University of Nebraska, Lincoln—Edgar A. Burnett.
29. *Nevada*.—University of Nevada, Reno—Walter E. Clark.
30. *New Hampshire*.—University of New Hampshire, Durham—Edward M. Lewis.
31. *New Jersey*.—Rutgers University, New Brunswick—John M. Thomas.
32. *New Mexico*.—New Mexico College of Agriculture and Mechanic Arts,* State College—Harry L. Kent.
33. *New York*.—Cornell University, Ithaca—Livingston Farrand.
34. *North Carolina*.—North Carolina State College of Agriculture and Engineering,* West Raleigh—Eugene C. Brooks.
35. *North Dakota*.—North Dakota Agricultural College,* Agricultural College—John L. Coulter.
36. *Ohio*.—Ohio State University, Columbus—George W. Rightmire.

* The star indicates a separate land-grant college independent of the State university.

37. *Oklahoma*.—Oklahoma Agricultural and Mechanical College,* Stillwater—Henry G. Bennett.
38. *Oregon*.—Oregon Agricultural College,* Corvallis—William J. Kerr.
39. *Pennsylvania*.—Pennsylvania State College,* State College—Ralph D. Hetzel.
40. *Porto Rico*.—University of Porto Rico, Rio Piedras—Thomas E. Benner.
41. *Rhode Island*.—Rhode Island State College,* Kingston—Howard Edwards.
42. *South Carolina*.—Clemson Agricultural College,* Clemson College—Enoch W. Sikes.
43. *South Dakota*.—South Dakota State College of Agriculture and Mechanic Arts,* Brookings—Charles W. Pugsley.
44. *Tennessee*.—University of Tennessee, Knoxville—Harcourt A. Morgan.
45. *Texas*.—Agricultural and Mechanical College of Texas,* College Station—T. O. Walton.
46. *Utah*.—Agricultural College of Utah,* Logan—Elmer G. Peterson.
47. *Vermont*.—University of Vermont and State Agricultural College, Burlington—Guy W. Bailey.
48. *Virginia*.—Virginia Agricultural and Mechanical College and Polytechnic Institute,* Blacksburg—Julian A. Burruss.
49. *Washington*.—State College of Washington,* Pullman—Ernest O. Holland.
50. *West Virginia*.—West Virginia University, Morgantown—John R. Turner.
51. *Wisconsin*.—University of Wisconsin, Madison—Glenn Frank.
52. *Wyoming*.—University of Wyoming, Laramie—Arthur G. Crane.

CHANGES IN COLLEGE PRESIDENTS SINCE 1927

Several changes in presidents of land-grant colleges and universities are indicated in the 1928 directory. Dr. Bradford Knapp leaves the Oklahoma Agricultural and Mechanical College to become president of Alabama Polytechnic Institute; Dr. Homer L. Shantz has been appointed president of the University of Arizona; Dr. John J. Tigert, formerly U. S. Commissioner of Education, has been appointed president of the University of Florida, succeeding the late President Albert A. Murphree, who died in December, 1927; Dr. Frederick J. Kelly, of the University of Minnesota, becomes president of the University of Idaho; Thomas W. Atkinson becomes acting president of the Louisiana State University and Agricultural and Mechanical College; Dr. Edgar A. Burnett, who has been acting president of the University of Nebraska for the past year, has been appointed president. Dr. Henry G. Bennett fills the vacancy in Oklahoma Agricultural and Mechanical College created by the resignation of President Bradford Knapp. Dr. John R. Turner assumes the duties of president of the West Virginia University in September, 1928. Dr. Charles B. Gentry has been appointed acting president of Connecticut Agricultural College, in place of Dr. Charles L. Beach, resigned. Dr. Robert S. Shaw succeeds Dr. Kenyon L. Butterfield as president of the Michigan State College of Agriculture and Applied Science.

FIFTY-TWO COLLEGES AND UNIVERSITIES

Sixty years ago Henry Barnard, the first United States Commissioner of Education, made the first report on land-grant colleges. At that time the colleges were newly established, with limited means and equipment. The present report shows that the land-grant colleges are now leading factors in higher education.

In the 52 land-grant colleges and universities, excluding the negro land-grant institutions (see Part III), a total of 371,049 students were enrolled during 1926-27. Of these, 149,374 were resident students; 70,060 correspondence and extension students in courses for credit, and 92,598 in noncredit courses; 3,645 secondary students; 10,300 graduate students; and the remainder in summer schools. Staff members in these institutions numbered 23,156 men and women, distributed as follows:

Staff members in 52 land-grant colleges and universities

Classes of officers	Full time	Part time	Total
General administration.....	1,062	524	1,586
Resident instructors.....	11,208	3,574	14,777
Extension staff.....	2,908	2,895	5,803
Correspondence staff.....	41	380	421
Experiment station and research.....	1,329	1,448	2,777
Total, excluding duplicates.....	18,908	4,248	23,156

All but six land-grant colleges (those in Alaska, Connecticut, North Carolina, Porto Rico, Rhode Island, and South Carolina) are accredited institutions certified by one or more of the regional or national accrediting associations. Only 10 have annual incomes below a million dollars, and of these only three (in Alaska, Hawaii, New Mexico) receive less than \$500,000 annually. Forty-five institutions are developing extension courses; 27 report correspondence students; but only 9 employ full-time instructors for this work. Practically all support experiment stations and other organized research in addition to the regular residence teaching.

Such great diversity now exists among land-grant colleges that comparative data are difficult to handle. Each college has been developed by the State in a way best to serve local needs. Institutions draw from one-fourth to three-fourths of their income and receipts for all purposes from State sources. Twenty-six institutions are combined land-grant colleges and State universities, including University of Hawaii and University of Porto Rico, which are Territorial universities. In five States and one Territory—Connecticut, Massachusetts, New York, Pennsylvania, Rhode Island, and the Territory of Alaska—State universities are not maintained, but land-grant institutions are provided. The remaining 20 institutions are separate land-grant institutions not connected with State universities. In Massachusetts the land-grant funds are divided between two institutions—the Massachusetts Agricultural College, which provides training in agriculture and home economics, and the Massachusetts Institute of Technology, which offers training in engineering. In New York, Cornell University is the land-grant institution, receiving land-grant funds and State aid for the colleges of agriculture, home economics, and veterinary science.

Land-grant colleges united with State universities

Arizona.	Idaho.	Minnesota.	New Jersey.	Wyoming.
Arkansas.	Illinois.	Missouri.	Ohio.	Territories:
California.	Kentucky.	Nebraska.	Tennessee.	Hawaii.
Delaware.	Louisiana.	Nevada.	Vermont.	Porto Rico.
Florida.	Maine.	New Hamp-	West Virginia.	
Georgia.	Maryland.	shire.	Wisconsin.	

A COMPOSITE LAND-GRANT COLLEGE

In light of these facts it is interesting to create a composite picture of the land-grant colleges attended by white students. By use of medians (middle numbers of a series arranged in order of magnitude) such a picture is possible. By selecting the middle figure or median of the various columns in Tables 5 to 16, and omitting Massachusetts Institute of Technology, which is primarily a private institution receiving no State aid, a land-grant college in 1926-27 is first an accredited State institution with property appraised at \$3,772,000 (as in Arizona and Vermont). Its campus and farms include 1,118 acres of land (as in Ohio), and 570 acres are under cultivation (as in South Dakota). Its library consists of 65,000 volumes (as in Arizona). This hypothetical college maintains a president who receives a salary of \$10,000, with \$1,000 for perquisites (as in Kansas and Louisiana), a full-time staff of 225 men (as in Oklahoma) and 65 women (as in Alabama)—of whom 6 are deans drawing a typical salary of \$5,000, and 38 are full professors with a typical salary of \$3,700, and 20 are associate professors at \$3,000, and 30 assistant professors at \$2,500 a year. Its resident undergraduate students number 1,303 men (as in Louisiana) and 495 women (as in Wyoming); graduate students total 33 men (as in Florida) and 14 women (as in Tennessee); and students in an eight-week summer session are equivalent to 262 men (as in New Jersey) and 351 women (as in Utah). Its curricula include *arts and sciences*, with an enrollment of 511 students (as in Kansas); *engineering* (chemical, civil, electrical, mechanical, and unclassified), with 388 men students (as in West Virginia); *agriculture*, with 137 students (as in North Dakota); *education*, with 117 students (as in Delaware); *home economics*, with 94 women students (as in Kentucky); and *commerce and business*, with 69 students (as in Hawaii). It gives extension courses under 45 men instructors (as in Washington) and 14 women teachers (as in Connecticut). Its experiment station is carried on with a staff of 17 men (as in Maine). It annually confers bachelors' degrees on 145 men (as in Arizona) and 65 women (as in Maine) 12 masters' degrees (as in Maine), and no doctors' degrees. Its total receipts for all purposes amount to over \$1,600,000 (as in Arkansas), of which 15 per cent is received from Federal sources (as in Florida), 51 per cent from State sources (as in Minnesota), 0.2 per cent from private gifts

(as in Oklahoma), 10 per cent from tuition, fees, etc. (as in Utah), 11 per cent from earnings (as in Montana), and the remainder from miscellaneous sources.

Such a land-grant college does not exist, but merely serves to give a clearer picture of the character of the institutions which receive Federal aid for the benefit of agriculture and the mechanic arts. One-half of the institutions are larger in size than this imaginary college, and one-half are smaller institutions.

CURRICULA AND ENROLLMENTS

Table 3 shows the most popular courses, ranked in order of percentage of student enrollments in 1926-27, with comparative figures for 1925-26. The number and percentage of first degrees is also shown for comparison. This table includes 1,832 duplicates in resident courses.

Table 3.—MAJOR COURSES OF STUDY, 1926-27

(See Table 8)

Major courses of study	Number of institutions offering course	Resident students enrolled in course			First degrees conferred in 1926-27	
		Number, 1926-27	Per cent in—		Number	Per cent
			1925-26	1926-27		
1. Arts and sciences.....	49	82,352	34.0	34.6	6,842	32.4
2. Education (general).....	20	13,318	7.2	8.8	2,209	10.5
3. Commerce and business.....	31	12,751	9.0	8.4	1,541	7.4
4. Agriculture (general).....	51	11,179	8.0	7.4	1,799	8.5
5. Electrical engineering.....	47	8,093	6.1	5.8	1,217	5.8
6. Home economics.....	44	7,887	5.3	5.2	1,302	6.2
7. Civil engineering.....	47	5,682	4.0	3.8	959	4.5
8. Mechanical engineering.....	47	5,179	3.8	3.4	722	3.8
9. Miscellaneous courses.....	45	5,035	4.0	3.3	288	1.1
10. Unclassified engineering.....	23	3,949	1.7	2.6	0	0
11. Medicine.....	12	3,501	2.1	2.3	605	3.0
12. Law.....	19	3,247	2.3	2.1	770	3.7
13. Pharmacy.....	18	2,784	1.9	1.9	325	1.5
14. Specialized engineering.....	21	2,108	1.9	1.4	305	1.7
15. Chemical engineering.....	34	2,191	1.4	1.4	274	1.3
16. Vocational education.....	19	1,991	.9	1.3	347	1.6
17. Dentistry.....	7	1,702	1.2	1.1	514	2.4
18. Journalism.....	12	1,230	.8	.8	203	1.0
19. Architecture.....	14	1,216	.7	.8	115	.5
20. Architectural engineering.....	15	1,071	.8	.7	114	.5
21. Forestry.....	15	1,011	.8	.7	132	.6
22. Mining engineering.....	10	921	.7	.6	169	.8
23. Music.....	14	863	.6	.6	83	.4
24. Fine arts.....	8	814	.4	.5	60	.3
25. Veterinary.....	14	520	.3	.3	93	.4
26. Agricultural engineering.....	12	243	.1	.2	36	.2
Total.....	52	151,438	100.0	100.0	21,095	100.0
Agriculture.....	51	12,710	9.1	8.4	2,024	9.6
Engineering.....	51	30,037	20.5	19.8	3,927	18.6
Home economics.....	44	7,887	5.3	5.2	1,302	6.2
All other.....	52	100,804	65.1	66.6	13,842	65.6
Total.....	52	151,438	100.0	100.0	21,095	100.0

All of the 52 land-grant colleges and universities attended by white students are included in Table 3. If only those which are separate land-grant institutions, not united with State universities, are selected, the percentages of students in agriculture, engineering, and home economics are somewhat higher.

Enrollments in the 25 separate land-grant colleges

Courses	Number of resident students	Per cent of resident enrollment
Agriculture.....	7,322	15.2
Engineering.....	16,205	33.7
Home economics.....	4,205	8.8
Miscellaneous.....	20,324	42.3
Total	48,056	100.0

Enrollments in agriculture for 1926-27 continued to decrease, and the loss during the past year was practically the same as the loss the previous year—247 in 1926-27 and 249 in 1925-26. Comparing the enrollments for the past six years, the annual losses of students to agriculture are slowly decreasing:

	Agricultural enrollment	Annual loss		Agricultural enrollment	Annual loss
1922.....	15,477		1925.....	13,206	479
1923.....	14,515	862	1926.....	12,957	249
1924.....	13,685	930	1927.....	12,710	247

Colleges in the East lost more students in 1926-27 than those in the West and Middle West. In the following States the enrollments of students in agriculture decreased in land-grant colleges by 10 or more during the year 1927:

	1926	1927	Loss		1926	1927	Loss
Connecticut.....	317	113	204	South Dakota.....	113	95	18
North Carolina.....	259	161	98	Vermont.....	49	33	17
Pennsylvania.....	604	506	98	Virginia.....	79	63	16
New York.....	924	845	79	Michigan.....	485	470	15
Colorado.....	383	333	50	New Mexico.....	47	36	11
Arizona.....	97	55	42	Washington.....	263	252	11
New Hampshire.....	147	120	27	Nevada.....	34	24	10
Georgia.....	302	176	126				
Maine.....	236	215	21				
Alabama.....	98	79	19				

Institutions in the following States, for the most part in the Middle West, gained 10 or more students in agriculture during the year 1927:

	1926	1927	Gain		1926	1927	Gain
Iowa.....	896	1,051	155	Texas.....	665	591	26
Mississippi.....	411	453	72	Louisiana.....	180	201	21
Nebraska.....	186	244	58	Wisconsin.....	253	266	13
South Carolina.....	353	411	58	Hawaii.....	17	29	12
North Dakota.....	98	137	39	Massachusetts—Amherst.....	516	527	11
Minnesota.....	368	401	33	Porto Rico.....	49	60	11
Illinois.....	541	572	31	Utah.....	120	130	10
Tennessee.....	142	168	26				

Arts and science continued to be the most popular with students, however, followed by education and commerce and business courses. It will be noted that education takes second place for 1926-27, instead of fourth place as in 1925-26. A percentage gain in enrollments is shown in the following curricula: Arts and science, education, unclassified engineering, medicine, vocational education, architecture, fine arts, and agricultural engineering. A percentage loss is felt in commerce and business, agriculture, electrical engineering, home economics, civil engineering, mechanical engineering, law, dentistry, architectural engineering, forestry, and mining engineering. Enrollments are analyzed for each institution in Table 8 of this bulletin.

Table 3 shows that one-third of the bachelor degrees conferred in 1927 were awarded in arts and sciences; one-tenth in education; one-tenth in agriculture; nearly a fifth in engineering; and the remainder scattered. Ranked according to the number of degrees conferred, the following order is noted: (1) Arts and sciences, (2) general education, (3) general agriculture, (4) commerce and business, (5) home economics, (6) electrical engineering, (7) civil engineering, (8) mechanical engineering, (9) law, (10) medicine, (11) dentistry, (12) specialized engineering, (13) vocational education, (14) pharmacy, etc. Degrees conferred in each institution are listed in Table 9.

TOTAL RECEIPTS FOR ALL PURPOSES, 1926-27.

Special blanks are prepared annually by the Bureau of Education for the financial report of each land-grant college. For 1926-27 the section on receipts was divided into six parts: (1) Federal sources, (2) State sources, (3) private sources, (4) institutional sources, (5) earnings, and (6) miscellaneous sources. Receipts from State, private gifts, and miscellaneous frequently include capital funds which are not separated, but appear in the grand totals. Receipts from Federal funds, institutional sources, and earnings are generally for operation, maintenance, and current expenses. The actual figures for each institution are reported in Tables 14 and 16 of this bulletin, and the grand totals summarized as follows:

	Total receipts	Per cent. of total receipts for all purposes
Federal funds.....	\$13,024,071	9.8
State funds.....	66,949,739	50.3
Private gifts.....	7,117,093	5.4
Institutional funds.....	23,613,176	17.7
Earnings.....	16,523,890	12.4
Miscellaneous receipts.....	5,847,903	4.4
Total.....	133,075,872	100.0

Federal funds.—Each of the land-grant institutions listed in this section receives aid in varying amounts from some of the following Federal funds:

1. Interest on 1862 land-grant fund.
2. Interest on other Federal land-grant funds.
3. Morrill-Nelson appropriations (acts of 1890 and 1907).
4. Smith-Hughes funds, not including State funds to match.
5. Other Federal funds for instruction, administration, etc.
6. Hatch-Adams funds for agricultural experiment stations (acts of 1887 and 1906).
7. Purcell funds (act of 1925).
8. Other Federal funds for agricultural experiment stations.
9. Federal funds for any specific research.
10. Smith-Bever and supplementary funds for agricultural and home economics extension.
11. Other Federal funds for agricultural and home economics extension.

The tabulation in Tables 14 and 16 shows that 9.8 per cent of all income and other receipts of these institutions, amounting to \$13,024,071, is received from Federal sources. (See fig. 1.) In 1900 Federal aid for the institutions amounted to 26 per cent (\$1,844,177) of the total. To the smaller and newer colleges, or those which receive comparatively small State appropriations, Federal funds are more important than to the larger land-grant universities. For instance: Alaska Agricultural College and School of Mines received over half of its funds from Federal sources, and the New Mexico College of Agriculture and Mechanic Arts is next in order and received 43 per cent of its total receipts from Federal aid. Georgia State College of Agriculture received nearly 30 per cent, North Dakota Agricultural College and the Agricultural College of Utah received 29 per cent respectively, and Alabama Polytechnic Institute received one-fourth through Federal aid.

State funds.—With the exception of Massachusetts Institute of Technology, all land-grant institutions receive State aid from some of the following items:

12. Interest on endowment granted by State.
13. Smith-Hughes appropriations to match Federal funds above.

14. Mill-tax levy for operation and maintenance.
15. Appropriations for operation and maintenance.
16. Mill-tax levy for permanent improvements, lands, buildings, etc.
17. Appropriations for permanent improvements, lands, buildings, etc.
18. Agricultural experiment stations for permanent improvements, lands, buildings, etc.
19. Agricultural experiment stations for operation and maintenance.
20. Engineering experiment stations for operation and maintenance.
21. Engineering experiment stations for permanent improvements, lands, buildings, etc.
22. Appropriation for specific research.
23. Agriculture and home economics extension.
24. Extension service other than above.
25. Regulatory service (control of food, fertilizer, etc.).

In 1926-27 the University of Illinois received the largest of any of the State appropriations, over \$6,000,000, which was 75.3 per cent of the university's total receipts; of this nearly \$1,700,000 was appropriated for buildings. Rhode Island State College received 70.9 per cent of its funds from the State; and, altogether, 30 institutions received from one-half to three-fourths of their funds from State appropriations. A few institutions received one-third or less of their 1926-27 receipts from State sources: University of Maryland (33.4 per cent); New Mexico College of Agriculture and Mechanic Arts (29.8 per cent); Georgia State College of Agriculture (28.2 per cent); Cornell University (28.2 per cent); Alabama Polytechnic Institute (24.7 per cent); University of Vermont and State Agricultural College (15.2 per cent); Massachusetts Institute of Technology (no State aid).

Private gifts.—In 36 institutions private gifts amounted to less than 1 per cent of the total receipts. Private gifts were reported received for the following purposes:

26. Endowment.
27. Resident instruction and administration, for permanent improvements, lands, etc.
28. Resident instruction and administration, for operation and maintenance.
29. Agricultural experiment stations, for operation and maintenance.
30. Agricultural experiment stations, for permanent improvements, lands, buildings, etc.
31. Engineering experiment stations, for permanent improvements, lands, buildings, etc.
32. Engineering experiment stations, for operation and maintenance.
33. Agriculture and home economics extension.
34. Other extension service.
- 34a. Research.

Institutions which received the largest gifts are Rutgers University; Massachusetts Institute of Technology; University of California; University of Nevada; University of Porto Rico.

Institutional funds.—Items listed on the annual report blank are:

35. Interest on college endowment.
36. Tuition and fees, less refunds, not including student organization fees.
37. Student fees for extension service.
38. Veterans' Bureau for rehabilitation of soldiers.
39. Athletics if handled through the treasurer.
40. Other institutional funds.

Institutional funds comprised 17.7 per cent of the total receipts of institutions. These funds account for a third or more of the receipts of four land-grant colleges: Massachusetts Institute of Technology, University of Maryland, University of Vermont and State Agricultural College, and Cornell University, while the land-grant colleges in South Dakota, Idaho, Virginia, Montana, New Mexico, North Dakota, Rhode Island, Alaska, and Porto Rico received comparatively small amounts from institutional sources.

Earnings.—As listed by the annual reports, earnings are received from four sources:

41. Engineering experiment station earnings.
42. Agricultural experiment station earnings.
43. Departmental earnings.
44. Charges for board and lodging (gross receipts).

In Connecticut Agricultural College, Virginia Agricultural and Mechanical College and Polytechnic Institute, Mississippi Agricultural and Mechanical College, and the Agricultural and Mechanical College of Texas, over a fourth of the total receipts were from earnings; while in the University of Minnesota, University of California, Alaska Agricultural College and School of Mines, and University of Arkansas comparatively small proportions of revenue were obtained from this source.

Miscellaneous receipts.—Land-grant colleges frequently receive funds for one or more of the following items:

45. Instruction, administration, and permanent improvements.
46. Current expenses of agricultural experiment stations.
47. Permanent improvements of agricultural experiment stations.
48. Current expenses of engineering experiment stations.
49. Permanent improvements of engineering experiment stations.
50. Other specific research.
51. Agricultural and home economics extension, from county funds.
52. Agricultural and home economics extension, from other funds.
53. Other extension.
54. Regulatory service (control of food, fertilizer, etc.)

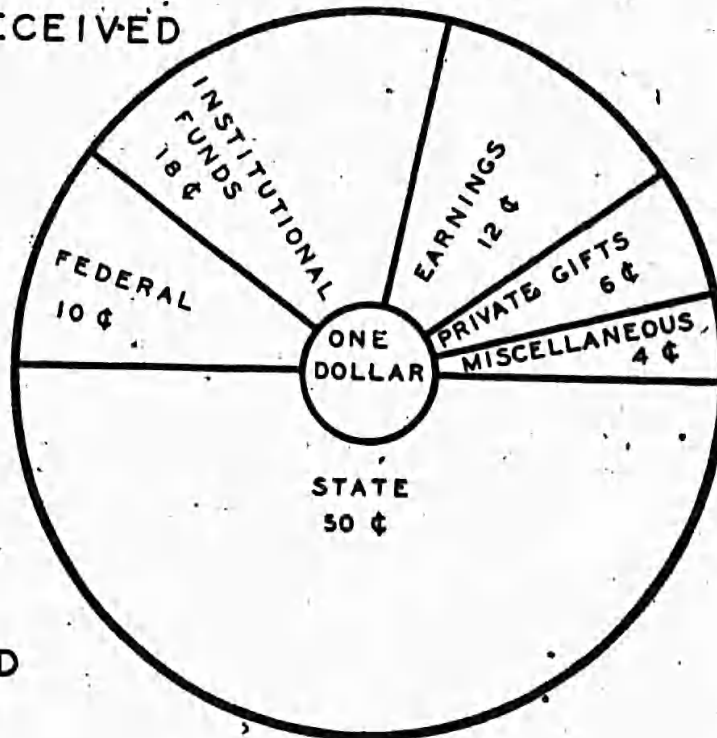
In 1926-27 the Georgia State College of Agriculture listed 20.9 per cent of its income under miscellaneous funds, most of which was received from item 51, county funds. The University of Vermont and State Agricultural College received 20 per cent listed under items 45 and 54; North Carolina State College of Agriculture and Engineering received 17.3 per cent, principally from county funds. Eleven institutions reported no miscellaneous funds.

EXPENDITURES

This is the third year that the Bureau of Education has gathered expenditure statistics for land-grant colleges; which were as follows: In 1924-25, \$111,239,902; in 1925-26, \$123,461,679; in 1926-27,

HOW THE LAND GRANT COLLEGE DOLLAR WAS:—

RECEIVED



AND

SPENT

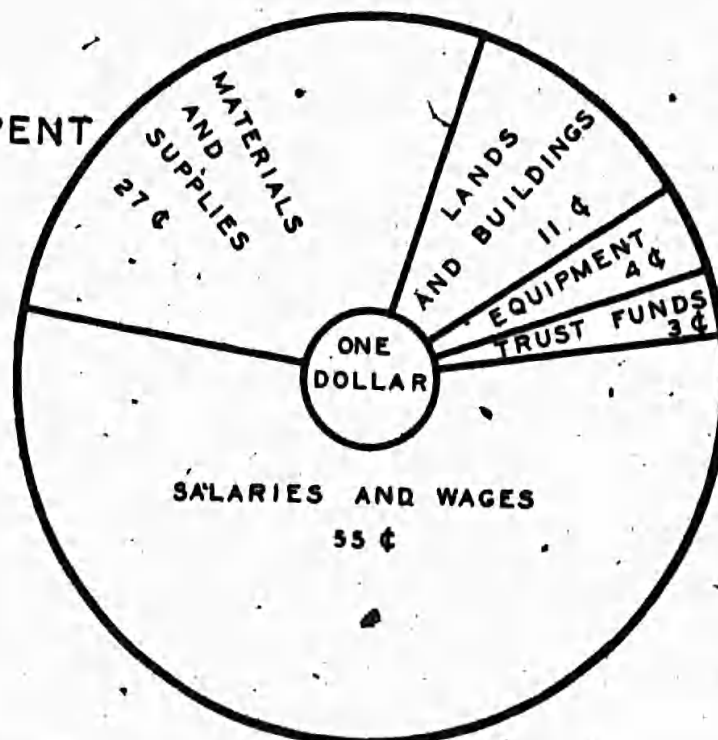


FIGURE 1

\$128,141,765. For 1926-27, 55 per cent of the expenditures went for salaries and wages. (See fig. 1.) This includes salaries of regular instructional, scientific, and administrative staffs, together with the wages of mechanical, farm, and temporary employees for operation and maintenance. Twenty-seven per cent was expended for materials, supplies, freight, travel, repairs, and similar items for operation and maintenance. Eleven per cent was spent for capital outlay, land, buildings, and land improvements and additions or betterments to existing buildings, which are improvements but not repairs. Four per cent went for equipment, including all expenditures for departmental equipment, such as furniture, books, apparatus, machinery, livestock, museum, illustrative specimens, etc., for permanent use. Three per cent includes all expenditures for noneducational purposes from trust funds, such as fellowships, scholarships, student loans, etc., exclusive of investment transactions.

A further analysis reveals that \$128,141,765 was expended for the following purposes, by percentages:¹

	Per cent.
Resident teaching, including all expenses directly connected with instruction in the departments, physical education, and military training and including salaries of the college deans and other administrative expenses of the educational departments	36.5
Extension service and correspondence courses	11.5
Physical plant extensions, including all outlays for land, buildings, and land improvements	11.0
Experiment stations and other research which is separately budgeted	9.3
Physical plant operation and maintenance, including heat, light, water, upkeep of buildings and grounds, power, janitor service, police service, supplies, repairs, etc.	8.2
Supplementary operations, including bookstores, student hospitals, stores, and service departments	5.5
Administration and general, including expenses of administration, general offices, general departments, and expenses not directly connected with instruction	5.3
Dormitories and dining halls, including all expense of operation, maintenance, and capital outlay	4.6
Trust funds, including all expenditures for noneducational purposes from trust funds, such as fellowships, scholarships, student loans, etc.	2.7
Medical school hospitals (not student hospitals), including the operation of the hospital physical plant	2.4
General library, including all expenses incident to operation and the purchase of books, magazines, etc., for the university libraries	1.7
Athletics, including all expense of operation, maintenance, and capital outlay, if handled by the university	1.3
Total	100.0

¹ This information is detailed for each institution in Tables 15 and 16 following.

Table 4.—NEW BUILDINGS—New buildings and additions to buildings completed during the year ended June 30, 1927, for institutions attended by white students

- Alaska.*—Motors building for laboratory for motors and internal-combustion engines—\$6,000.
- Arizona.*—New gymnasium for armory and athletics—\$157,000; new library—\$425,000.
- Arkansas.*—Agricultural hall for classes, laboratories, offices, agricultural experiment station laboratories—\$350,000; engineering hall for classes, laboratories, offices, engineering experiment station laboratories—\$350,000.
- California.*—Phoebe A. Hearst gymnasium for women—\$660,000; agricultural engineering building (at Davis) for agricultural engineering—\$135,704; sewage disposal system (at Davis) for sewage disposal, university farm—\$49,802; university library for book stacks and alterations—\$58,616; miscellaneous small buildings and improvements—\$170,493; land for athletic field—\$255,755.
- Connecticut.*—William Henry Hall dormitory for men—\$168,400.
- Delaware.*—New Castle dormitory—\$160,000; Kent dining hall—\$125,000.
- Florida.*—Engineering building for laboratory and classrooms—\$95,000; chemistry-pharmacy for laboratory and classrooms—\$200,000; horticulture for laboratory and classrooms—\$120,000; tobacco experiment station for laboratory and repairs—\$6,349; citrus experiment station—\$13,391; Everglades experiment station—\$14,393; experiment station for alterations to buildings and barns—\$7,964.
- Georgia.*—Egg-laying contest plant—\$20,000.
- Hawaii.*—Pump-house installation for irrigation of university farm—\$4,861; electric cable installation for conduit for current—\$215; irrigation project—\$292; gas pipe conduit for gas connection to men's dormitory—\$150; road improvements—\$464; miscellaneous—\$1,601.
- Idaho.*—Gertrude L. Hays residence hall for women—\$120,000.
- Illinois.*—Boiler house addition for service—\$71,213; dairy isolation barn for instruction and research—\$3,644; dairy building for instruction and research—\$749,767; McKinley Hospital for service—\$232,162; new men's gymnasium for instruction and research—\$730,509; radio station for instruction and research—\$14,107; west woman's residence hall for dormitory—\$290,963.
- Indiana.*—American Railway Association draft gear building for laboratory—\$21,192.
- Iowa.*—Veterinary investigation barn—\$9,500; experimental barn and animal husbandry farm—\$9,800; cow clinic—\$24,700; new horse barn—\$28,700.
- Kansas.*—Van Zile Hall for women's dormitory—\$200,000.
- Kentucky.*—Music department—\$7,748; theater building—\$16,361; girls' dormitory—\$142,778; mechanical hall garage for automobile engineering—\$1,704; forge shop for mechanical engineering—\$23,343.
- Louisiana.*—Hospital—\$35,018; highway laboratory—\$83,367; athletic dormitories—\$11,059; sugar house additions—\$22,264; fire-fighting system—\$3,953; addition to power plant—\$17,739; dormitories for girls—\$15,000; residences—\$25,966.
- Massachusetts.*—Amherst—Tilson farm cottage—\$6,000; repairs physics buildings—\$4,000; brooder house poultry—\$1,800; culvert over brook—\$2,000; cranberry buildings—\$8,000.
- Michigan.*—Kedzie chemistry—\$600,000.
- Minnesota.*—Botany building for classroom and laboratories—\$173,530; dormitory at Grand Rapids—\$75,319; dormitory at Morris—\$69,233; health service building at Crockston for students' health service—\$24,869.

Mississippi.—Varnado cottage—\$3,000; Anders and Hull cottages—\$5,134; branch experiment stations—\$8,750; Neal cottage—\$900; Barner cottage—\$900; Raymond branch station—\$625.

Missouri.—Lee H. Tate Hall for law—\$200,000; memorial stadium for inter-collegiate and interscholastic sports—\$360,000.

Montana.—Herrick Hall for household and industrial arts—\$140,000.

Nebraska.—Morrill Hall, a university museum combined with school of fine arts—\$300,000; hospital wing—\$250,000; gymnasium and assembly hall—\$150,000.

New Hampshire.—Murkland Hall for classrooms—\$200,000; east and west halls for remodeling of war-time barracks dormitories—\$25,000.

New Jersey.—Addition to Cooper Hall for dining hall and dormitory—\$52,841; women's dormitories—\$249,250; Voorhees Clinic—\$285,306; classroom building—\$212,948; Hegeman Hall for dormitory—\$201,464; addition to Voorhees Library—\$145,328.

New York.—Green houses—\$173,842.

North Carolina.—Animal industry building—\$33,933; improvement of farm buildings—\$1,146; improvement of hospital building—\$7,776; physics and electrical engineering buildings—\$90,398; poultry plant buildings—\$39,459; enlargement of textile building—\$23,059; power plant—\$2,281; Watauga Hall improvements—\$1,167; Winston Hall improvements—\$564; campus improvements—\$1,853; equipment of buildings—\$24,434.

Ohio.—Field house for women—\$24,202; Franz Theodore Stone laboratory for lake laboratory work in summer—\$24,834; addition to Hamilton Hall for dentistry—\$137,456; horticulture greenhouse—\$11,875; addition to Pomerene Hall—\$151,701; hospital addition—\$110,941.

Oklahoma.—Whitehurst Hall for administration and agriculture—\$153,683; poultry brooder house—\$1,112.

Oregon.—A women's building completed January, 1927—\$340,000.

Porto Rico.—Janer Hall for classrooms and library—\$87,742; Carlota Matienzo Hall for girl's dormitory—\$67,630; two faculty residences—\$8,000; four temporary buildings—\$11,455.

South Carolina.—Engineering shop building for shopwork—\$90,643.

South Dakota.—Lincoln Memorial Library—\$200,000.

Tennessee.—Storage building for vegetables and tools—\$2,000; Lysimeter Building for soils investigations of agricultural experiment station—\$2,500; tool shed and carpenter shop for college of agriculture farm—\$1,000; addition to main building—\$1,169; West Tennessee Experiment Station at Jackson—\$1,500.

Texas.—Three cottages-for-rent houses—\$3,000; three barns for cattle and feed barns—\$2,500; two laboratory buildings—\$5,500; Aggie Land Inn—addition to hotel—\$2,247; athletic field house—addition to gymnasium—\$5,058; mess hall—\$91,703; dairy husbandry testing barn—\$14,060.

Virginia.—Dormitory No. 6—\$110,000.

Washington.—Extension of water system—\$19,279; completion of mechanic arts building—\$65,835; completion of Wilson Hall for agriculture—\$41,700; post-office building—\$9,953; part construction armory and gymnasium—\$198,578.

West Virginia.—Hall of chemistry—\$1,225,000.

Wisconsin.—Stadium addition—\$7,421; Bascom Hall addition for letters and science classrooms and offices—\$309,899; chemistry building addition—\$8,011; service memorial institutes for medical laboratory—\$97,677; Milwaukee extension division building—\$20,134; heating station—\$72,586; pump house—\$16,975; tunnel extensions—\$35,848; roads and grounds—\$11,699; service building and electrical substation—\$8,025; miscellaneous additions and small structures, as machine shed, tobacco shed—\$31,632.

Wyoming.—Engineering building—\$160,589; utility shops—\$12,337.

Total cost of buildings and additions.—\$14,642,915.

Table 5.—SUMMER SCHOOLS—Staff and enrollment in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Weeks in summer session	Members of instructional staff		Enrollment of students							
		Men	Women	Noncollegiate or secondary		Collegiate or undergraduate		Graduate		Total	
				Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	12	45	13	25	20	320	340	127	4	473	473
Alaska ¹											
Arizona.....	12	26	1	0	0	111	98	31	14	142	113
Arkansas.....	6	37	18	24	61	142	514	33	86	199	611
California.....	6	262	63			1,793	4,973	1,033	2,159	2,826	7,132
Colorado.....	11	50	28	14	46	84	222	23	22	170	200
Connecticut ¹											
Delaware.....	6	7	10			21	271			21	271
Florida.....	8	42	18	908	0					908	0
Georgia.....	9	65	36	125	133	368	1,437	45	30	538	1,650
Hawaii ¹											
Idaho.....	9	30	4	0	0	90	149	42	16	132	174
Illinois.....	8	141	17			858	759	170	129	1,228	888
Indiana.....	9	44	10			403	141	19	0	422	141
Iowa.....	11	211	52	5	8	481	506	302	100	788	614
Kansas.....	12	115	34	10	11	302	482	85	69	397	562
Kentucky.....	11	64	11			423	545	118	53	540	598
Louisiana.....	12	82	28	0	0	378	507	98	42	476	549
Maine.....	6	32	4	5	5	108	152	14	8	127	165
Maryland.....	6	35	12	0	0	98	331	38	10	136	341
Massachusetts:											
Amherst.....	6	15	5	0	0	51	116	0	0	51	116
Cambridge.....	15	110	2	0	0	1,365	105	0	0	1,365	105
Michigan.....	10	37	9	0	0	211	213	80	20	291	238
Minnesota.....	11	745	142	0	0	1,720	2,060	445	287	2,165	2,347
Mississippi.....	5	23	0	0	0	152	33	3	0	155	23
Missouri.....	8	94	26	31	70	446	885	338	222	815	1,177
Montana ¹											
Nebraska.....	12	98	56	59	157	726	2,154	241	234	1,026	2,545
Nevada.....	6	10	5	7	14	11	113	0	0	18	127
New Hampshire.....	6	28	5	0	0	139	123	0	0	139	123
New Jersey.....	6	52	19	75	450	169	205	18	4	262	659
New Mexico.....	8	9	2	0	0	12	64	0	0	12	64
New York.....	6	175	23	220	465	838	800	204	185	1,422	1,459
North Carolina.....	6	59	0	181	465	129	62	40	0	350	627
North Dakota.....	6	26	4	0	0	34	159	10	5	44	164
Ohio.....	11	234	31	19	10	846	1,020	638	280	1,503	1,295
Oklahoma.....	9	126	41	65	154	391	842	39	26	494	1,052
Oregon.....	6	32	30	172	311	152	303	59	71	383	665
Pennsylvania.....	6	124	55	0	0	752	1,615	116	48	968	1,603
Porto Rico.....	7	24	20	177	187	154	448	10	30	341	665
Rhode Island ¹											
South Carolina.....	6	20	0	0	0	68	0			68	0
South Dakota.....	6	24	7	19	19	26	66	22	13	78	98
Tennessee.....	12	44	23	0	0	510	1,030	49	35	559	1,065
Texas.....	12	69	0	0	0	390	62	32	0	422	62
Utah.....	11	59	8	0	0	175	320	76	31	251	351
Vermont.....	6	19	11			31	732			61	732
Virginia.....	11	34	0	0	2	195	29	18	1	213	32
Washington.....	8	37	4	0	0	86	146	88	34	174	180
West Virginia.....	11	111	17	0	0	404	498	101	54	505	562
Wisconsin.....	6	191	47	14	30	1,176	2,028	896	915	2,086	2,973
Wyoming.....	11	42	35	0	0	191	1,089	59	44	250	1,133
Total.....		3,950	976	2,185	2,657	17,689	28,782	6,069	5,201	25,913	36,610

¹ No summer school.² Special music.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 6.—STAFF—Members of administrative and instructional staff in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	General administration				Resident instruction								Extension service								Correspondence study service				Experiment stations and other research				Grand total, excluding duplicates			
	Full-time staff		Part-time staff		Practice school and secondary		College and graduate		Total staff		Agriculture, home economics, and county agents		General university extension		Full-time staff		Part-time staff		Full-time staff		Part-time staff		Full-time staff		Part-time staff		Full-time staff		Part-time staff			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Alabama.....	8	11	1	1	1	1	99	5	34	4	103	8	1	100	56	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Alaska.....	1	1	2	2	2	2	12	4	2	2	20	1	2	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Arizona.....	8	8	11	1	1	1	100	27	87	26	74	11	2	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Arkansas.....	10	10	5	1	2	4	107	24	119	35	74	17	6	74	47	5	1	26	5	1	26	7	1	26	5	1	26	7	1	26		
California.....	58	4	1	20	1	20	1,355	315	1,254	335	78	34	328	91	102	36	1	0	56	18	45	4	4	145	0	1,594	390	669	22	22		
Colorado.....	3	1	0	3	29	15	80	24	70	29	35	7	1	36	7	19	2	25	2	19	2	2	2	25	2	133	28	11	0	0		
Connecticut.....	11	3	7	2	2	2	52	9	43	10	31	14	0	25	14	9	0	11	0	9	0	7	0	9	0	70	23	2	2	2		
Delaware.....	4	5	5	0	0	0	53	20	41	25	9	3	0	6	3	7	0	9	0	7	0	39	1	7	1	239	64	0	0	0		
Florida.....	15	4	10	4	2	2	123	0	142	21	0	0	7	143	85	39	1	7	0	0	0	0	0	0	0	216	104	19	7	7		
Georgia.....	8	10	4	1	1	1	48	7	31	7	4	2	1	1	0	16	5	2	0	16	5	2	0	2	56	22	26	3	3	3		
Hawaii.....	7	8	14	3	0	0	101	29	70	18	34	9	0	33	8	13	0	13	0	13	0	13	0	13	0	165	37	14	14	14		
Idaho.....	40	11	2	8	10	10	781	160	564	141	225	35	22	21	10	71	3	25	1	91	3	25	2	25	2	716	165	253	35	35		
Illinois.....	11	3	3	1	1	1	255	22	227	24	110	11	4	111	11	91	8	25	1	91	8	25	1	25	1	440	46	28	1	1		
Indiana.....	27	24	2	20	9	9	350	69	214	80	147	32	9	148	32	42	1	76	0	42	1	76	0	76	0	491	137	65	18	18		
Iowa.....	17	10	1	0	7	3	231	85	117	67	127	26	20	94	28	12	2	112	11	12	2	112	11	112	11	350	118	14	10	10		
Kansas.....	6	2	7	2	2	2	163	36	172	42	0	0	30	104	26	48	8	26	0	48	8	26	0	26	0	326	78	39	4	4		
Kentucky.....	17	19	11	1	4	4	113	32	95	32	80	29	1	80	28	25	1	7	0	25	1	7	0	7	0	230	83	12	9	9		
Louisiana.....	5	2	11	3	15	1	117	23	93	19	24	17	1	24	17	17	6	4	0	17	6	4	0	4	0	134	43	4	4	4		
Maine.....	15	8	4	0	7	2	437	44	111	29	52	26	0	41	26	9	1	37	1	9	1	37	1	37	1	202	102	367	31	31		
Maryland.....	16	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Massachusetts.....	1	1	2	1	19	2	67	7	75	10	43	26	0	42	25	28	6	1	0	28	6	1	0	1	0	152	42	19	4	4		
Amherst.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cambridge.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Michigan.....	37	18	38	5	38	5	199	47	194	40	100	11	13	106	27	43	12	100	1	43	12	100	1	43	12	377	69	59	69	17	17	

PART II—INSTITUTIONS FOR WHITE STUDENTS

Minnesota	7	1	31	5	119	71	460	67	316	64	344	73	0	38	19	4	117	13	28	67	32	117	19	12	13	187	76	709	121	
Mississippi	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Missouri	27	23	16	2	5	8	265	49	226	56	62	12	0	98	71	14	117	13	28	67	32	117	19	12	13	187	76	709	121	
Montana	5	3	3	1	15	0	54	23	42	25	20	2	0	74	18	18	21	6	75	17	17	17	6	18	2	401	105	28	11	
Nebraska	20	5	1	1	17	16	275	101	300	126	17	4	0	37	14	14	21	6	37	14	14	21	6	18	2	102	41	28	5	
Nevada	4	2	0	0	0	0	55	14	57	15	1	3	0	69	10	10	15	1	59	10	10	15	10	0	0	390	145	20	5	
New Hampshire	14	1	0	0	0	0	99	16	102	13	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	116	13	28	4	
New Jersey	15	5	9	0	7	0	148	34	136	49	50	4	0	44	19	17	17	1	43	19	19	17	1	57	7	251	80	10	1	
New Mexico	7	3	3	2	0	0	26	6	17	5	20	3	0	27	8	8	0	0	26	8	8	0	0	0	0	49	13	2	1	
New York	13	2	11	2	0	0	927	51	422	47	533	14	0	196	63	2	20	0	28	63	63	20	0	10	3	48	13	2	1	
North Carolina	24	3	0	0	129	0	0	0	149	0	0	0	0	111	54	20	7	131	61	2	0	0	0	10	3	352	165	455	16	
North Dakota	7	6	12	3	25	8	76	19	40	9	40	11	0	30	8	0	0	0	30	8	0	0	19	2	0	352	64	7	0	
Ohio	17	6	1	0	0	0	712	105	788	116	0	0	0	116	27	116	1	0	116	27	116	1	4	0	0	575	0	0	0	
Oklahoma	14	3	1	1	2	2	115	36	95	42	33	1	0	91	56	7	0	0	91	56	7	0	4	0	0	225	97	12	5	
Oregon	18	2	0	0	0	0	203	59	201	69	11	4	0	42	7	7	0	0	42	7	7	0	3	0	0	323	178	13	6	
Pennsylvania	32	18	2	0	0	0	322	35	335	71	37	5	1	136	37	306	67	158	40	2	1	0	27	1	0	323	178	13	6	
Porto Rico	9	1	3	0	20	20	70	19	93	48	10	1	0	37	37	306	67	158	40	2	1	0	31	1	0	458	112	180	27	
Rhode Island	31	6	13	4	0	0	40	8	28	4	12	4	0	10	2	1	0	11	2	2	2	1	0	0	0	84	39	10	1	
South Carolina	6	2	13	3	25	6	88	1	88	1	10	0	0	52	3	0	10	47	13	3	3	0	11	0	0	53	8	17	5	
South Dakota	8	6	12	3	0	0	78	27	83	18	54	11	0	52	3	0	10	47	13	3	3	0	15	0	0	103	1	24	0	
Tennessee	8	6	12	3	0	0	291	22	196	33	106	4	0	83	38	8	1	53	38	7	7	0	22	3	0	228	80	8	1	
Texas	32	5	0	0	0	0	201	0	200	5	0	0	0	213	134	0	0	213	124	0	0	0	58	4	0	541	133	1	0	
Utah	7	0	10	3	0	0	66	0	67	5	42	7	0	22	5	7	3	22	8	1	0	1	8	1	0	105	19	5	2	
Vermont	9	11	7	1	0	0	152	24	100	29	57	4	0	25	10	0	0	21	10	10	1	1	8	1	0	140	51	80	7	
Virginia	9	3	14	1	0	0	100	4	64	1	38	3	0	126	50	0	0	118	47	24	1	10	10	1	0	246	53	3	0	
Washington	1	19	27	4	0	0	151	37	112	24	44	14	0	44	11	3	2	45	13	1	0	18	4	2	0	277	53	14	12	
West Virginia	7	1	7	0	2	4	183	37	194	41	0	0	0	64	21	40	12	38	23	0	0	44	2	7	0	327	67	0	0	
Wisconsin	27	9	37	6	14	14	507	106	399	103	194	31	0	106	11	29	9	90	17	11	6	9	6	0	0	652	139	284	113	
Wyoming	15	8	3	3	17	0	80	25	66	46	6	5	0	22	8	3	0	25	8	0	3	0	19	1	0	125	60	9	8	
Total	746	316	363	71	540	263	11,071	1,968	9,078	2,130	3,106	408	3,247	1,183	1,133	260	3,085	1,147	24	17	306	74	1,229	100	1,398	50	14,970	3,938	2,590	608

* Excluding duplicates; includes summer school. See Table A.
 † Excluding correspondence study.
 ‡ O (this number, 107 are industrial directors who serve without pay.



Table 7.—STUDENT ENROLLMENT—Resident and nonresident in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Resident students enrolled														Total* (including summer school, Table 5)								
	Extension students in courses for—		Correspondence students in courses for—		Training school pupils		Short courses of 10 days to one year		MIL-itary drill		Secondary		Under-graduate		Graduate school		Resident enrollment on Oct. 31, 1926		Total* (col- umns 13 to 18)				
	Men	Women	Men	Women	Boys	Girls	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Alabama	183	205	0	0	0	0	0	0	0	0	1,180	0	0	1,478	131	21	3	1,457	125	1,499	124	1,971	498
Alaska	0	0	0	0	0	0	0	0	46	38	18	0	0	0	0	1	0	34	22	41	32	87	70
Arizona	73	200	0	133	251	0	0	0	0	0	965	0	0	1,090	650	63	50	978	564	1,143	700	1,285	812
Arkansas	179	777	0	388	514	225	103	0	45	38	699	0	0	8,351	534	15	8	9,45	483	1,001	542	1,170	1,061
California	118,982	9,767	5,302	0	0	3,379	207	205	94	6	3,226	198	3	8,351	9,104	804	908	8,161	8,779	9,143	9,780	10,804	9,760
Colorado	0	0	0	0	0	0	0	0	0	0	456	51	8	800	256	22	3	702	285	870	307	1,084	609
Connecticut	0	0	0	0	0	0	0	0	23	0	259	0	0	302	130	8	1	370	140	370	140	370	140
Delaware	0	0	0	0	0	0	0	0	0	0	353	0	0	378	318	8	0	382	318	382	318	449	646
Florida	582	0	464	1,800	0	1,833	0	0	1,345	0	1,000	16	0	1,926	0	83	0	1,867	0	1,875	0	2,877	0
Georgia	0	0	0	23	11	0	18	0	4,471	830	633	0	0	831	229	14	0	836	208	845	229	2,854	2,609
Hawaii	15	56	0	0	0	0	0	0	110	95	248	0	0	459	245	14	22	443	296	475	365	475	365
Idaho	0	0	0	131	114	0	0	0	80	43	625	0	0	1,168	654	60	24	1,111	653	1,228	678	1,408	820
Illinois	0	0	121	0	0	0	70	69	0	0	2,841	0	0	8,427	3,182	688	218	8,624	3,186	9,081	3,383	9,745	3,986
Indiana	165	33	31,593	40	0	0	0	0	79	0	1,334	15	0	2,839	590	108	15	2,949	567	2,946	610	3,447	761
Iowa	0	0	0	0	0	0	0	0	132	0	1,410	110	0	3,029	1,345	352	108	3,134	1,348	3,136	1,348	3,879	1,802
Kansas	1	7	0	220	302	420	0	0	69	1	1,408	19	0	2,080	1,076	116	63	2,022	1,065	2,215	1,139	2,544	1,539
Kentucky	73	837	69	160	282	0	50	32	5	0	763	0	0	1,519	809	96	61	1,463	741	1,615	870	2,155	1,468
Louisiana	77	394	0	63	93	0	58	46	0	0	722	8	0	1,303	498	68	21	1,210	423	1,371	509	1,620	919
Maine	21	61	0	23	16	0	0	0	0	0	485	8	0	1,019	263	35	20	1,039	300	1,062	312	1,144	442
Maryland	136	18	222	0	0	0	40	30	0	0	490	2	0	2,260	363	89	10	2,290	379	2,351	363	2,436	715
Massachusetts	0	0	0	0	0	138	0	0	47	6	227	147	18	435	96	33	6	615	120	615	120	660	226
Amherst	0	0	0	0	0	0	0	0	0	0	0	0	0	2,277	37	363	9	2,630	41	2,630	41	2,944	133
Cambridge	60	26	126	11	4	0	0	0	174	1	1,059	129	0	1,808	762	129	23	1,784	760	1,933	765	2,944	944
Michigan	0	0	0	0	0	0	0	0	0	0	0	0	0	7,968	4,878	848	348	4,587	2,689	7,645	4,867	9,904	6,902
Minnesota	3,171	3,167	0	0	1,126	0	126	0	167	0	2,791	978	470	1,222	5,878	13	0	1,207	4	1,208	4	2,378	8,902
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PART II—INSTITUTIONS FOR WHITE STUDENTS.

Missouri.....	164	788	0	519	1,139	616	224	240	87	24	1,526	0	0	0	214	140	3,011	3,270	1,476	3,915	2,408		
Montana.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	689	663	0	700	272		
Nebraska.....	140	200	483	408	1,329	566	157	205	78	0	1,908	302	0	0	204	174	3,701	4,078	3,256	4,670	5,062		
Nevada.....	5	15	0	0	0	0	0	0	0	0	225	0	0	0	18	23	1,053	1,053	555	560	453		
New Hampshire.....	209	858	4,071	0	0	1,550	0	0	2	0	661	0	0	18	8	0	1,053	1,053	488	1,132	526		
New Jersey.....	0	0	0	0	0	0	0	0	98	7	651	98	0	36	4	1,428	1,428	890	1,821	1,473			
New Mexico.....	0	0	0	0	0	0	0	0	0	0	161	0	0	5	3	174	62	180	72	198	136		
New York.....	0	0	0	0	0	1,350	0	0	0	6	1,935	0	0	5	3	4,350	1,426	4,350	4,326	4,965	2,418		
North Carolina.....	40	141	157	20	109	2,542	0	0	72	6	507	0	0	530	166	1,372	0	1,421	7	1,900	534		
North Dakota.....	0	0	0	21	64	416	0	0	264	34	527	139	0	24	10	364	410	884	410	1,100	549		
Ohio.....	129	52	546	0	0	0	0	0	0	0	563	0	0	24	10	0	0	0	0	0	0		
Oklahoma.....	0	0	0	248	517	187	0	0	0	0	1,350	45	0	586	270	0,644	2,833	7,265	3,159	8,272	4,024		
Oregon.....	0	0	0	0	0	0	0	0	166	0	1,563	0	0	34	16	1,617	918	1,785	1,038	2,111	1,868		
Pennsylvania.....	0	0	0	0	0	0	0	0	140	106	1,233	0	0	44	16	2,290	1,130	2,537	1,235	3,060	2,028		
Port Rico.....	353	4,147	1,286	444	520	5,616	304	355	70	3	1,649	0	0	135	34	3,342	583	3,342	583	3,066	2,170		
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	316	9	0	26	3	557	594	557	594	807	1,146		
South Carolina.....	0	0	0	0	0	0	0	0	0	0	244	0	0	0	0	461	115	411	116	411	116		
South Dakota.....	0	0	0	0	0	0	0	0	0	0	1,053	0	0	0	0	1,137	0	1,137	0	1,205	0		
Tennessee.....	104	188	314	197	202	10	0	0	28	3	552	176	0	30	9	1,781	339	781	339	856	428		
Texas.....	48	0	0	0	0	0	0	16	60	200	530	0	0	31	14	1,774	694	1,774	694	2,333	1,759		
Utah.....	113	120	0	0	0	0	0	0	102	0	1,111	17	0	63	0	2,330	0	2,412	0	2,334	62		
Vermont.....	0	0	0	151	223	0	0	0	0	0	330	61	13	24	8	572	385	719	444	919	74		
Virginia.....	0	0	0	0	0	0	0	0	12	0	394	0	0	9	6	710	506	721	576	814	1,311		
Washington.....	101	353	11	142	167	51	0	0	34	0	1,049	0	0	45	2	1,145	34	1,168	38	1,247	68		
West Virginia.....	0	0	1,233	0	0	0	0	0	97	64	935	0	0	34	23	1,582	979	1,803	1,078	2,015	1,260		
Wisconsin.....	1,105	2,222	3,134	3,772	4,160	9,494	208	164	195	0	776	0	0	157	79	2,010	1,059	2,010	1,059	2,515	1,611		
Wyoming.....	8	75	0	1,023	0	0	153	164	0	0	1,457	84	0	32	15	5,490	3,302	5,082	3,138	7,744	6,325		
Total.....	27,201	15,219	64,194	16,387	11,283	28,404	1,801	1,902	6,799	3,104	51,503	2,465	1,180	101,696	47,679	7,046	3,254	103,008	46,942	108,911	50,717	132,922	75,469

! Excluding correspondence students.

! Excluding duplicates.

! Men and women.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 8.—ENROLLMENT BY MAJOR COURSES OF STUDY—In institutions attended by white students, year ended June 30, 1927

Land-grant colleges located in—	Engineering courses													Total, excluding duplicates																	
	Agricultural	Architectural	Chemical	Civil	Electrical	Mechanical	Mining	Other	Unclassified	Total		Men	Women																		
										Men	Women																				
Alabama	37	64	175	345	107	10					728	0	64	15	58	311	74	28	147	130	23	31	25	28	46	27	8	121	181		
Alaska			6								16	0	1									16	0	1					60	32	
Arizona			60	87	49	57					253	0	55									253	0	55					1,090	650	
Arkansas		5	35	25	16						302	1	89									302	1	89					966	534	
California	(1)	(1)	306	(1)	901	146					1,342	1	300	(1)	104	10,302	19	1,244	3,374	3,374	(1)	105	32	(1)	340	358	262	52	8,351	9,104	
Colorado			33	31	9						292	1	180	80	226							292	1	180	80				806	355	
Connecticut											54	0	113		103							54	0	113					362	189	
Delaware		30	35	57	26						148	0	23		40							148	0	23					378	318	
Florida		7	70	51	19						253	0	112		64							253	0	112					1,926	0	
Georgia	10	1	60	9							80	0	146	17	118							80	0	146	17				1,926	229	
Hawaii			46								49	1	29		16							49	1	29					466	345	
Idaho			24	30	102	20	30	4			206	0	109	98	82							206	0	109	98				1,226	678	
Illinois		209	114	320	456	232	21	264			1,613	3	572	306	402	3,802	182	2,079	404	507	141	245	245	320	158	466	62	2,437	3,182		
Indiana			207	538	773	548					2,063	1	297	21	387							2,063	1	297	21	120	76	2,839	596		
Iowa	49	118	139	227	451	186	8	182			1,309	3	814	122	1,076	704						1,309	3	814	122	106	106	3,026	1,345		
Kansas			54	206	460	104					916	0	363	64	536							916	0	363	64				2,080	1,076	
Kentucky			51	(1)	109	4					415	2	117		94							415	2	117					1,519	809	
Louisiana	2		49	58	95	26					202	0	176	26	53							202	0	176	26				1,871	509	
Maine			68	108	175	83					454	0	85	130	63	530						454	0	85	130				1,019	293	
Maryland			29	26	13						232	0	117		45							232	0	117					2,260	263	
Massachusetts																															
Amherst																															
Cambridge	110	214	256	518	303	45	639				2,015	3	527	64	146	145					2,015	3	527	64				432	95		
Michigan			50	100	91	77					528	0	356	70	384							528	0	356	70				2,377	32	
Minnesota			218	92	167	79	70				1,542	21	313	188	(1)	385						1,542	21	313	188				1,806	762	
Mississippi			35	71	21						546	0	483		121							546	0	483					7,045	4,573	
Missouri			79	180	172	69	122	23	187		830	13	328		2,036							830	13	328					2,056	1,230	
Montana			56	80	191	80		9	362		362	0	133		96							362	0	133					1,661	373	

	19	20	43	109	284	86	18	28	244	277	1,712	782	1,289	1000	149	102	99	289	146	84	3,669	2,729				
Nevada	19	59	43	109	284	86	18	28	244	277	1,712	782	1,289	1000	149	102	99	289	146	84	3,669	2,729				
New Hampshire	46	45	45	38	109	37	37	37	91	15	949	86	44	44							1,053	373				
New Jersey									80	100	1,535	37	171	()	()				200	42	1,294	896				
New Mexico									36	33	37	37	()	()						40	181	69				
New York									744	514	2,059	182	354	110	115				302	3	3,530	1,271				
North Carolina									161	101	609	182	171	()	()						1,347	7				
North Dakota									137	102	286	49	171	110						80	1,721	324				
Ohio									532	338	2,298	108	1,880	1,764	()	332	229	345	206	31	6,680	2,639				
Oklahoma									328	292	449	462	484	()	24					147	1,708	994				
Oregon									186	482	689	77	1,161	404	35					225	1,493	1,219				
Pennsylvania									441	123	689	77	424	391	71					183	3,207	549				
Porto Rico									60	26	166	13	13	420	45				73	106	522	531				
Rhode Island									21	85	91	100	100							13	407	116				
South Carolina									411	126	214	32	149	17	21					16	1,137	0				
South Dakota									95	104	728	242	291	9					90	10	575	285				
Tennessee									168	104	728	242	291	68					77	27	1,743	680				
Texas									881	10	265	177								146	2,322	0				
Utah									130	112	504	222									633	426				
Vermont									32	71	768	()	()							146	712	573				
Virginia									63	15	96	242	319	66							1,123	36				
Washington									205	()	156	1,104	()	111	120	()				128	144	1,050				
West Virginia									90	()	1,768	()	()	183	()					50		1,533				
Wisconsin									206	()	4,184	502	197	197						100	4,849	3,043				
Wyoming									62	46	346	139	217	9						112	590	495				
Total	243	1,071	2,191	5,682	8,682	4,179	921	2,108	3,949	29,087	100,111	1,791,011	530,787	52,352	1,216	12,781	13,318	1,991,814	863,230	3,247	1,702	3,501	2,784	5,035	101,851	147,735

† Included in agriculture.
 ‡ Included in architecture.
 § Included in arts and sciences.
 ¶ Included in mechanical engineering.
 * Included in general education.
 † Includes all graduate students.
 ‡ Includes hotel management.
 § Included in commerce and business.
 ¶ This total includes 156 graduates men.
 * This total includes 76 graduate women.



LAND-GRANT COLLEGES AND UNIVERSITIES

Table 9.—DEGREES, Part I—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Agriculture				Forestry, men	Veterinary, men	Home economics, women	Arts and science				Architecture		Commerce and business		Education, general				Vocational education		Fine arts, women		Music		Journalism					
	First degrees		Masters	Doctors				Men	Women	Masters	Doctors	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	
	Men	Women																													
Alabama	2	2	4	6	6	7	6	8	18	11	11	12	12	14	16	15	16	17	17	15	19	19	20	21	22	23	24	25	26	27	
Alaska	11	0				2	11	23	2	5	5	8	1					21	14	2	2	2									
Arizona	6	0	1	1			3	32	20	11					12	3	26	26	26	13	13										
Arkansas	18	0					22	26	30	2					3	0	16	1	6	16	1										
California	60	2	23	10			528	903	903	193	45				482	21	197	30	8												
Colorado	29	0	4		9	11	28	5	10	8					7	0	15	0													
Connecticut	25	0	4				17	17	11	4																					
Delaware	4	0	4				8	21	15	4																					
Florida	16	0	4				16	16	0	2																					
Georgia	38	0	2		3	2	13	15	0	4					36	0															
Hawaii	1	0																													
Idaho	15	0	12		15		1	50	27	3																					
Illinois	74	5	15	3			13	23	41	15					21	4	20	11													
Indiana	51	0	15		4		76	196	225	48	48	9	0		259	20	76	145	30	2											
Iowa	110	1	42		10	24	144	43	25	29	12																				
Kansas	47	1	22		5	5	70	22	22	44					16	6	16	2													
Kentucky	27	2	2				15	81	79	36					17	0	39	47													
Louisiana	26	0	9		1		8	43	41	6																					
Maine	13	0	2		26		9	35	53	9																					
Maryland	37	1	14		1		10	30	16	10	3				2	1	15	10	2												
Massachusetts	74	7	5																												
Amherst																															
Cambridge																															
Michigan	57	0	11	2	16	8	67	99	42	27	2																				
Minnesota	29	0			25	(7)	60	205	168	135	23				63	17	62	310	2												
Mississippi	31	0	1					15	6	2					5	0	3	310	2												

Missouri.....	58	7	14	2	64	67	74	86	47	15	28	170	68	4	11	3	58	48	
Montana.....	22	0	1		11	8	8	3	0	3	2	5			1	3	5		
Nebraska.....	33	0			45	154	103	5	73	13	20	153			11	33	11	7	
Nevada.....	3	0			4	42	28	1											
New Hampshire.....	17	0	3		6	60	0												
New Jersey.....	13	0	9	3	17	112	3												
New Mexico.....	3	0	1		10	6	1		2	0	4								
New York.....	96	35	11		110	148	116	91	20	3	4								
North Carolina.....	19	0	6		14	19	8	6	0	2	24	20	2		16	0	17		
North Dakota.....	15	0	3		21	7	1												
Ohio.....	91	2			71	126	9	8	1	167	38	54	247				(7)	(7)	
Oklahoma.....	57	0	5		30	18	8			29	2	14	28				0	2	
Oregon.....	51	1	5		74	18				88	35	2	2		19	40			
Pennsylvania.....	93	1	12		28	107	29	1	6	0	41	74	9		16	0			
Puerto Rico.....	5	0			3	36	6								7	17			
Rhode Island.....	4	0			14	11	2			12	0								
South Carolina.....	56	0			13	0			7	0									
South Dakota.....	16	0	2		22	21	4		8	6					7	0			
Tennessee.....	22	1	2		22	28	51	6	14	1	7	20	2					3	
Texas.....	119	0	10		14	0	1		20	0			10		31	0			
Utah.....	17	0	2		18	26	19	8	32	5									
Vermont.....	8	0	1		16	53	65	3	(17)	(17)	(17)	(17)							
Virginia.....	13	0	8		6	2	1		22	1									
Washington.....	34	1	3		28	68	42	8	(17)	(17)	30	41	18		6	2	3	(17)	
West Virginia.....	14	0	5		32	145	104	28									0	(17)	
Wisconsin.....	47	1	48		74	233	439	263	71	6	(17)	(17)			10	25	3	21	
Wyoming.....	7	0	2		6	13	32	7	12	3	2	10	2				1		
Total.....	1,731	68	327	22	1,323	3,428	3,414	1,468	332	109	6	1,239	202	584	1,025	229	14	242	105

1 Includes 1 degree of M. S. in forestry.
 2 Includes 22 degrees of M. S. in commerce.
 3 Includes 1 degree of master of forestry.
 4 Includes 1 degree of M. S. in veterinary medicine.
 5 Includes 19 degrees of M. S. in home economics.
 6 Includes 7 degrees of M. S. in home economics.
 7 Includes 7 degrees of master of architecture.
 8 Included in agriculture.
 9 Includes 2 degrees of M. S. in business administration and 6 in journalism.

10 Includes 1 degree of Ph. D. in business administration.
 11 Degrees to 2 men included.
 12 Degrees to 7 men included.
 13 Includes 6 degrees of master of forestry.
 14 Degree to 1 woman included.
 15 Includes 12 degrees to men in hotel management.
 16 Includes 4 degrees of master of architecture and 1 degree of master of land architecture.

17 Degrees to 3 men included.
 18 Included in arts and sciences.
 19 M. S. in science and business.
 20 In vocational education.
 21 Included in commerce and business.
 22 Includes 1 degree of M. S. in pharmacy.
 23 Includes 1 degree of M. A. in commerce.
 24 Includes 1 degree of M. S. in agricultural education.

Table 9.—DEGREES, Part II—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Engineering (men)												Law		Medicine		Dentistry		Pharmacy		Miscellaneous		Total degrees									
	First degrees												Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Masters	Doctors	Advanced engineering	Honorary				
	Agricultural	Architectural	Chemical	Civil	Electrical	Mechanical	Mining	Miscellaneous	Masters	Advanced																						
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53						
Alabama.....		5	8	37	54	18																						0	0			
Alaska.....						2																						0	0			
Arizona.....				7	4	3	10																					0	0			
Arkansas.....			1	7	5	3																						0	0			
California.....			11	32	86	27																					1,185	280	11	6		
Colorado.....																												0	0			
Connecticut.....																												0	0			
Delaware.....			6	7	6	3																						0	0			
Florida.....			1	13	9	6																						0	0			
Georgia.....			6	6																								0	0			
Hawaii.....				8																								0	0			
Idaho.....			5	5																								0	0			
Illinois.....		21	13	53	54	27	6	46																			1,065	264	11	0		
Indiana.....			31	71	73	22																						370	95	17	0	
Iowa.....	10	6	15	36	57	22	2	8	23	48																	380	171	125	13		
Kansas.....		6	1	19	43	13																						0	0			
Kentucky.....				15	26																							208	160	71	0	
Louisiana.....				15	10																							224	143	33	0	
Maine.....	1		5	14	16	4																						141	84	28	0	
Maryland.....			9	17	19	15																							142	65	12	0
Massachusetts.....				21	8	6																							428	69	26	4
Massachusetts: Amherst.....	17		42	70	120	65	14	132	154	74																	74	7	5	18		
Massachusetts: Cambridge.....																												506	4	174	14	10

PART II—INSTITUTIONS FOR WHITE STUDENTS

Michigan	5	23	14	23	16	17	15	4	3	20	2	8	0	79	1	89	0	194	15	20	8	0	87	109	41	4	5	12
Minnesota	49	71	31	49	71	31	49	71	31	49	71	31	49	71	31	49	71	31	49	71	31	49	71	31	49	71	31	49
Mississippi	1	3	4	20	25	17	3	3	3	3	3	3	3	48	1	47	5	24	0	45	3	0	14	423	11	11	30	4
Missouri	9	24	19	8	27	8	27	4	3	20	2	20	2	23	0	20	1	1	0	0	0	0	4	320	149	11	20	4
Montana	7	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	78	33	2	5	3	0
Nebraska	3	4	20	25	17	3	3	3	3	3	3	3	3	48	1	47	5	24	0	45	3	0	14	523	106	5	3	3
Nevada	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	59	32	1	0	2	0
New Hampshire	4	7	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	131	62	11	0	2	4
New Jersey	8	8	11	8	11	8	11	8	11	8	11	8	11	8	11	8	11	8	11	8	11	8	150	110	12	3	10	9
New Mexico	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	0	14	16	2	0	0	1
New York	71	74	83	83	83	83	83	83	83	83	83	83	83	39	3	51	8	8	0	0	0	0	758	283	135	91	0	0
North Carolina	6	7	22	27	10	8	21	2	8	8	8	8	8	39	3	51	8	8	0	0	0	4	151	2	17	0	0	6
North Dakota	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	83	57	6	0	0	0
Ohio	14	10	29	47	26	26	3	33	207	46	75	3	64	1	41	0	41	0	15	1	8	0	830	500	207	46	146	0
Oklahoma	4	5	4	10	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	146	87	13	0	0	0
Oregon	13	25	28	17	8	11	8	11	8	11	8	11	8	29	2	29	2	29	2	2	2	1	318	196	7	0	0	1
Pennsylvania	11	9	40	47	27	22	49	4	4	3	3	3	3	13	4	13	4	13	4	13	4	0	68	32	0	0	0	1
Porto Rico	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Rhode Island	3	8	8	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	60	22	2	0	0	0
South Carolina	24	29	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	188	0	1	0	0	0
South Dakota	8	8	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	84	43	6	0	0	0
Tennessee	1	15	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	190	95	11	0	0	0
Texas	12	26	45	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	328	0	25	0	2	0
Utah	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	60	22	2	0	0	0
Vermont	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	90	42	11	0	0	0
Virginia	3	6	19	39	17	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	102	82	4	0	0	4
Washington	5	5	26	9	3	11	8	4	3	5	5	5	5	5	5	5	5	5	5	5	5	5	145	4	9	0	5	0
West Virginia	7	13	15	7	10	14	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	180	95	11	0	0	0
Wisconsin	20	40	55	26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	226	0	25	0	2	0
Wyoming	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	60	0	0	0	0	0
Total	36	114	274	959	1,317	792	169	365	513	164	745	25	571	34	493	21	289	36	60	178	13,874	7,221	2,554	445	19,164	79	0	

1 Ph. D. in engineering.
 2 Includes 1 doctor of public health not before listed.
 3 Includes degree to 1 woman.
 4 Includes 3 Ph. D. degrees in engineering.
 5 Includes 1 Ph. D. degree in engineering.
 6 Included in column 33.
 7 Doctors of science in engineering.
 8 Includes degrees to 2 women.
 9 Includes 17 master's degrees in medicine not before listed.
 10 Ph. D. in medicine not before listed.
 11 Includes degrees to 3 women.
 12 Included in agriculture.



Table 10.—FEDERAL LAND-GRANT FUNDS—Income and disbursements from the 1862 land-grant fund, and income from other Federal land-grants for institutions attended by white students, year ended June 30, 1927

Land-grant colleges located in—	Land-grant fund of 1862 for the year ended June 30, 1927											Income from other Federal land-grant funds	
	Receipts						Disbursements			Balance remaining unexpended July 1, 1927	10		
	1	2	3	4	5	6	7	8	9				
Alabama.....	0	\$20,280.00	0	0	0	\$20,280.00	0	0	0	\$20,280.00	0	0	0
Alaska.....	0	199.30	0	\$5,741.25	0	5,940.55	0	0	0	5,940.55	0	0	\$27,520.85
Arizona.....	0	6,633.34	0	0	0	6,633.34	0	0	0	6,633.34	0	0	0
Arkansas.....	0	42,970.04	0	0	\$340.67	43,210.71	0	0	0	43,210.71	0	0	4,563.23
California.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado.....	\$5,110.32	20,332.75	3,926.22	0	0	29,369.29	0	0	0	25,443.07	\$4,312.80	0	0
Connecticut.....	3,850.58	6,750.00	0	0	0	10,600.58	0	0	0	10,600.58	0	0	0
Delaware.....	0	4,980.00	0	0	0	4,980.00	0	0	0	4,980.00	0	0	0
Florida.....	0	12,365.81	0	0	0	12,365.81	0	0	0	10,965.81	1,420.00	0	3,163.27
Georgia.....	0	16,954.14	0	0	0	16,954.14	0	0	\$1,437.16	16,954.14	0	0	0
Hawaii.....	30,709.40	27,155.73	4,874.44	7,046.65	0	70,446.22	22,152.48	30,910.18	59,038.66	11,377.56	70,921.90	0	0
Idaho.....	0	32,450.66	0	0	0	32,450.66	0	0	0	32,450.66	0	0	0
Illinois.....	0	17,000.00	0	0	0	17,000.00	0	0	0	17,000.00	0	0	0
Indiana.....	0	29,886.75	0	0	0	29,886.75	0	0	0	29,886.75	0	0	0
Iowa.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas.....	4,968.39	23,093.07	530.00	0	0	28,622.46	16,820.02	7,641.17	24,461.19	4,162.27	0	0	0
Kentucky.....	0	8,644.50	0	0	0	8,644.50	8,644.50	0	0	0	0	0	0
Louisiana.....	0	9,115.69	0	0	0	9,115.69	9,115.69	0	0	0	0	0	5,440.00
Maine.....	0	5,915.00	0	0	0	5,915.00	5,915.00	0	0	0	0	0	0
Maryland.....	0	6,831.93	0	0	0	6,831.93	0	6,831.93	6,831.93	0	0	0	0
Massachusetts:													
Amherst.....	0	7,300.00	0	0	0	7,300.00	7,300.00	0	0	0	0	0	0
Cambridge.....	0	3,650.00	0	0	0	3,650.00	2,100.00	1,550.00	0	0	0	0	0
Michigan.....	0	70,713.11	0	0	0	70,713.11	70,713.11	0	0	0	0	0	0
Minnesota.....	0	109,565.42	0	0	4,268.50	114,833.92	114,833.92	0	0	0	0	0	0
Mississippi.....	0	5,914.50	0	0	0	5,914.50	5,914.50	0	0	0	0	0	8,476.66

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Missouri.....	0	133.19	0	5,424.46	0	5,424.46	0	0	0	71,320.00
Montana.....	2,904.19	7,146.34	4,448.35	20,896.96	0	16,383.38	4,513.58	0	4,513.58	20,848.04
Nebraska.....	57,044.56	0	0	85,903.60	9,272.16	9,272.16	76,631.44	0	76,631.44	10,459.53
Nevada.....	1,412.10	245.00	404.80	7,578.90	4,470.00	4,470.00	3,108.90	0	3,108.90	2,086.16
New Hampshire.....	0	0	0	4,800.00	0	4,800.00	0	0	0	0
New Jersey.....	0	0	0	5,800.00	3,500.00	2,300.00	5,800.00	0	5,800.00	0
New Mexico.....	1,862.61	22,427.28	0	28,333.92	25,460.80	0	25,460.80	2,893.12	0	0
New York.....	0	0	0	34,428.80	34,428.80	0	34,428.80	0	0	0
North Carolina.....	0	0	0	7,500.00	7,500.00	0	7,500.00	0	0	0
North Dakota.....	3,468.69	11,128.09	15,438.43	73,889.22	60,169.05	13,720.17	73,889.22	0	0	0
Ohio.....	4,978.12	0	0	36,428.72	0	23,313.17	13,115.55	0	13,115.55	13,599.72
Oklahoma.....	2,233.52	0	0	13,172.92	9,900.00	0	9,900.00	3,272.92	0	110,209.12
Oregon.....	0	0	0	25,000.00	25,000.00	0	25,000.00	0	0	0
Porto Rico ¹	0	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	2,500.00	2,500.00	0	2,500.00	0	0	0
South Carolina.....	0	0	0	5,754.00	5,754.00	0	5,754.00	0	0	0
South Dakota.....	0	19,320.36	3,899.80	40,439.34	40,439.34	0	40,439.34	0	0	13,446.47
Tennessee.....	0	0	0	20,000.00	20,000.00	5,100.00	20,000.00	0	0	0
Texas.....	0	0	0	10,450.00	10,450.00	0	4,538.33	5,911.67	0	0
Utah.....	0	2,209.15	0	18,419.88	18,419.88	0	18,419.88	0	0	0
Vermont.....	0	0	0	8,130.00	8,130.00	0	8,130.00	0	0	0
Virginia.....	0	0	0	20,658.72	20,658.72	0	20,658.72	0	0	0
Washington.....	5,752.13	2,846.79	0	53,901.90	38,363.94	0	38,363.94	15,537.96	0	71,614.48
West Virginia.....	735.30	0	0	7,335.30	5,352.86	0	5,352.86	1,982.44	0	0
Wisconsin.....	0	0	0	11,609.06	11,609.06	0	11,609.06	0	0	8,785.14
Wyoming.....	1 (455.06)	7,937.46	2,052.28	14,776.45	14,776.45	0	14,776.45	0	0	57,578.07
Total.....	120,754.85	88,665.17	39,499.46	1,124,890.31	856,618.94	119,993.16	976,612.10	148,278.21	448,019.93	

¹ Does not participate in land-grant fund of 1862.
 : Overdraft subtracted from total.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 11.—MORRILL-NELSON FUNDS—Receipts and disbursements of funds received under acts of Congress approved August 30, 1890, and March 4, 1907, by institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Receipts, 1926-27				Disbursements for instruction and facilities for instruction in—							Total	Balance on hand July 1, 1927
	Balance on hand July 1, 1926	Interest	Appropriation (year ended June 30, 1927)	Total	Agriculture	Engineering and mechanic arts	English language	Mathematical sciences	Natural and physical sciences	Economic sciences	Teacher preparation in agricultural and mechanic arts		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama.....	0	0	\$30,795.60	\$30,795.00	\$4,000.00	\$0,000.00	\$2,000.00	\$3,000.00	\$12,795.00	0	0	\$30,795.00	0
Alaska.....	0	0	50,000.00	50,000.00	1,354.98	10,876.71	2,001.65	2,388.94	22,159.54	\$11,220.18	0	50,000.00	0
Arizona.....	0	0	50,000.00	50,000.00	8,300.00	6,000.00	13,500.00	4,200.00	9,250.00	6,750.00	0	50,000.00	0
Arkansas.....	0	0	36,353.64	36,353.64	5,650.90	8,005.36	4,813.00	3,672.58	10,831.80	2,200.00	\$500.00	36,353.64	0
California.....	0	0	50,000.00	50,000.00	12,166.42	11,999.92	0	0	25,500.34	333.32	0	50,000.00	0
Colorado.....	0	0	50,000.00	50,000.00	10,616.61	10,733.39	6,526.64	4,313.29	11,385.28	6,424.90	0	50,000.00	0
Connecticut.....	0	0	50,000.00	50,000.00	26,583.30	154.20	0	0	21,662.50	1,700.00	0	50,000.00	0
Delaware.....	0	0	40,000.00	40,000.00	2,271.43	17,016.22	3,783.37	2,666.66	14,262.32	0	0	40,000.00	0
Florida.....	0	0	25,000.00	25,000.00	9,520.00	7,040.00	1,900.00	1,700.00	4,840.00	0	0	25,000.00	0
Georgia.....	0	0	33,333.34	33,333.34	0	5,415.00	2,000.00	2,000.00	11,918.34	1,000.00	11,000.00	33,333.34	0
Hawaii.....	\$184.17	\$463.76	50,000.00	50,647.93	8,750.00	11,000.00	4,800.00	4,800.00	17,825.00	3,250.00	0	50,425.00	\$222.93
Idaho.....	0	0	50,000.00	50,000.00	10,991.66	10,480.00	4,245.00	2,680.00	15,053.34	6,550.00	0	50,000.00	0
Illinois.....	0	0	50,000.00	50,000.00	20,036.22	14,334.99	4,465.03	3,270.00	2,929.98	4,983.78	0	50,000.00	0
Indiana.....	0	0	50,000.00	50,000.00	7,020.00	20,160.00	4,925.00	4,925.00	9,980.00	2,890.00	0	50,000.00	0
Iowa.....	0	0	50,000.00	50,000.00	12,600.00	11,700.00	3,500.00	3,000.00	13,450.00	3,250.00	2,500.00	50,000.00	0
Kansas.....	0	0	50,000.00	50,000.00	0	20,499.94	11,133.34	7,641.72	10,725.00	0	0	50,000.00	0
Kentucky.....	0	0	42,750.00	42,750.00	6,525.12	11,820.00	4,200.00	5,774.88	14,370.00	0	0	42,750.00	0
Louisiana.....	0	421.64	30,251.14	30,251.14	7,600.00	8,140.00	4,300.00	4,451.14	9,760.00	0	0	30,251.14	0
Maine.....	0	0	50,000.00	50,000.00	13,896.85	14,050.00	3,200.00	3,500.00	10,550.00	3,500.00	1,303.15	50,000.00	0
Maryland.....	0	0	40,000.00	40,000.00	14,369.92	7,000.00	5,835.00	4,725.00	8,195.01	3,375.00	0	40,000.00	0
Massachusetts:													
Amherst.....	0	0	33,333.33	33,333.33	12,933.33	1,800.00	1,800.00	1,800.00	15,000.00	0	0	33,333.33	0
Cambridge.....	0	0	16,666.67	16,666.67	0	10,400.00	3,600.00	1,200.00	1,466.67	0	0	16,666.67	0
Michigan.....	0	0	50,000.00	50,000.00	50,326.95	17,894.54	6,780.00	3,196.60	8,066.60	3,733.30	0	50,000.00	0
Minnesota.....	0	0	50,000.00	50,000.00	22,800.00	9,500.00	5,400.00	2,500.00	9,800.00	0	0	50,000.00	0
Mississippi.....	0	0	21,900.00	21,900.00	6,058.33	7,850.01	1,500.00	4,630.00	4,841.66	0	0	21,900.00	0

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Missouri.....	0									22,262.07	0	38,375.00	0							
Montana.....	0									12,450.02	0	50,000.00	0							
Nebraska.....	0									6,400.00	0	50,000.00	0							
Nevada.....	0									13,550.00	0	50,000.00	0							
New Hampshire.....	0									16,886.79	0	50,000.00	0							
New Jersey.....	175.00									16,101.58	0	50,175.00	0							
New Mexico.....	0									4,648.90	0	50,000.00	0							
New York.....	0									19,543.54	1,000.00	50,000.00	0							
North Carolina.....	0									0	0	50,000.00	0							
North Dakota.....	0									16,338.63	0	50,000.00	0							
Ohio.....	0									10,628.00	0	50,000.00	0							
Oklahoma.....	0									11,175.00	0	50,000.00	0							
Oregon.....	0									0	0	45,000.00	0							
Pennsylvania.....	0									8,090.00	0	50,000.00	0							
Porto Rico.....	2.05									0	0	50,000.00	0							
Rhode Island.....	0									15,692.97	0	50,000.00	0							
South Carolina.....	0									17,011.67	0	50,000.00	0							
South Dakota.....	0									5,696.04	0	25,000.00	0							
Tennessee.....	0									16,000.00	0	50,000.00	0							
Texas.....	0	1,034.43								12,500.00	0	38,000.00	0							
Utah.....	0									13,051.43	0	38,536.42	0							
Vermont.....	0									12,273.82	4,789.24	50,000.00	0							
Virginia.....	0									13,310.00	0	50,000.00	0							
Washington.....	0									10,900.00	0	38,333.34	0							
West Virginia.....	0									17,792.73	0	50,000.00	0							
Wisconsin.....	0									5,000.00	0	50,000.00	0							
Wyoming.....	0									21,161.70	0	50,000.00	0							
Total.....	361.34	2,462.99	2,299,179.82	2,302,004.15	491,945.78	640,018.90	294,080.16	165,784.72	637,369.30	120,056.82	21,092.39	2,800,268.07	1,708.08							

Table 12.—PROPERTY—In institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Acres of land		Number of bound volumes in libraries	Value of library books	Apparatus, machinery, furniture	Livestock	Campus and grounds	Buildings and dormitories	Endowment from Federal land-grants ¹	Other annotations	Miscellaneous property	Basis of inventory	Total
	Campus and farms	Under cultivation											
Alabama.....	1,046	630	46,000	\$75,000	\$992,851	\$15,000	\$154,000	\$1,105,500	\$253,500	0	0	Appraisal	\$1,996,461
Alaska.....	1,800	13	7,628	16,458	103,083	0	3,137	181,810	0	0	0	Cost	3,304,498
Arizona.....	700	410	65,000	113,215	640,185	17,260	498,300	1,899,924	618,404	\$25,065	0	Appraisal	3,772,948
Arkansas.....	1,185	850	80,000	167,000	400,000	30,000	135,000	1,325,000	132,666	0	0	Cost	2,189,666
California.....	5,863	1,044	959,906	1,743,183	3,712,973	65,051	9,624,453	14,132,761 ¹	834,920	10,964,140	\$3,004,433	do.	41,081,914
Colorado.....	4,193	1,303	56,354	132,161	256,000	37,500	350,000	2,000,000	379,894	0	335,031	Appraisal	3,490,586
Connecticut.....	1,740	500	21,000	35,000	452,155	64,372	106,246	1,911,110	135,000	0	146,608	do.	2,863,540
Delaware.....	201	190	35,000	175,000	378,739	9,590	310,885	1,071,333	85,000	0	0	Cost	2,628,317
Florida.....	953 ¹	300	52,500	118,500	1,975,031	18,000	900,000	1,635,000	285,046	0	146,014	Appraisal	5,077,611
Georgia.....	987	971	61,600	96,000	202,238	19,840	598,000	895,812	242,292	20,000	0	do.	3,074,992
Hawaii.....	186	81	41,932	137,900	302,838	20,913	828,485	542,198	0	5,665	0	do.	1,738,045
Idaho.....	1,740	640	90,000	119,000	427,000	50,000	130,000	1,250,000	2,001,332	0	0	do.	3,977,332
Illinois.....	2,086	1,716	708,850	1,603,659	3,246,046	94,434	1,475,418	13,837,206	649,013	408,802	723,293	Cost	21,939,871
Indiana.....	4,535	2,300	89,951	113,948	1,289,194	82,433	466,738	3,183,348	340,000	0	163,888	Appraisal	6,641,549
Iowa.....	1,994	1,000	144,175	438,761	2,076,013	106,517	694,718	5,535,574	592,463	102,518	300,874	Both	9,847,438
Kansas.....	12,918	3,702	87,497	275,692	1,130,181	90,372	682,323	2,663,350	505,508	0	0	Appraisal	5,347,306
Kentucky.....	544	455	98,060	128,939	468,938	47,574	472,278	1,790,438	144,078	40,000	0	do.	3,080,245
Louisiana.....	3,389	550	64,690	89,414	579,360	36,000	575,000	470,000	318,313	650	0	do.	2,088,737
Maine.....	500	150	73,724	97,615	335,820	13,653	85,837	885,999	118,300	617,620	23,332	Cost	2,178,176
Maryland.....	422	300	49,065	133,086	606,040	14,949	298,900	1,080,674	117,463	0	128,450	Both	2,989,562
Massachusetts:													
Amherst.....	1,583	436	77,000	148,810	666,197	59,505	127,393	1,567,748	146,000	94,666	82,154	Cost	2,992,482
Cambridge.....	1,780	0	175,000	300,000	2,166,802	0	3,245,147	7,236,635	73,000	29,378,831	155,559	do.	42,556,033
Michigan.....	51,825	1,431	51,760	134,639	1,186,287	98,846	3,389,757	3,040,500	1,003,495	0	0	do.	5,851,524
Minnesota.....	6,197	5,046	523,000	1,478,830	2,756,380	131,521	8,493,454	13,297,032	3,678,166	3,254,515	1,590,837	do.	32,678,755
Mississippi.....	2,275	700	80,080	84,713	855,128	45,808	157,520	1,641,304	239,787	0	0	Appraisal	3,604,260

Missouri.....	974	291,997	898,816	1,724,965	62,747	697,443	6,017,427	591,248	1,322,079	228,000	Both.	10,729,222
Montana.....	907	32,064	80,160	254,378	14,450	205,305	1,539,901	707,992	0	0	Appraisal	2,892,386
Nebraska.....	5,226	213,000	455,196	708,479	135,990	4,776,395	4,786,950	950,523	0	488,390	do	19,001,033
Nevada.....	338	47,119	74,228	223,497	50,000	139,800	988,200	181,348	177,180	0	Cost	1,832,243
New Hampshire.....	835	57,459	59,000	330,000	23,000	125,000	2,250,000	80,000	960,000	45,000	Appraisal	3,872,000
New Jersey.....	862	162,225	523,675	953,138	50,000	1,726,259	4,746,720	116,000	3,458,158	0	Both	11,573,950
New Mexico.....	261	23,620	60,000	175,000	25,000	45,000	320,000	119,393	404,180	7,500	Appraisal	1,156,023
New York.....	1,695	761,868	1,164,976	2,700,509	42,035	544,644	10,923,245	688,576	18,716,850	0	do	34,770,935
North Carolina.....	490	26,256	53,588	346,890	25,413	165,867	3,073,761	125,000	0	0	Appraisal	3,891,519
North Dakota.....	1,743	41,680	83,360	482,843	33,000	143,710	1,152,500	1,548,460	0	0	Appraisal	3,446,873
Ohio.....	1,118	300,147	741,728	2,164,045	(*)	3,316,329	8,709,889	750,372	376,672	0	Cost	16,061,035
Oklahoma.....	1,000	39,692	97,531	587,497	139,715	131,725	1,867,808	0	0	0	do	2,823,976
Oregon.....	707	75,221	208,171	827,965	84,807	708,569	2,892,601	203,504	0	115,931	do	5,011,248
Pennsylvania.....	1,912	103,212	612,726	2,637,197	57,591	184,185	5,544,192	517,000	0	0	Appraisal	9,854,891
Porto Rico.....	280	17,000	32,000	265,376	3,300	78,675	564,836	0	87,900	0	Cost	1,052,087
Rhode Island.....	169	24,700	70,000	200,000	12,000	18,000	700,000	50,000	0	0	do	1,050,000
South Carolina.....	1,544	24,598	57,292	358,857	46,894	862,329	1,346,933	95,900	58,539	0	Appraisal	2,328,899
South Dakota.....	807	36,900	76,800	477,000	36,000	95,680	1,116,740	738,508	0	0	Both	2,540,098
Tennessee.....	1,870	85,854	198,429	735,075	47,576	1,695,524	2,563,818	400,000	42,315	135,891	Appraisal	5,818,928
Texas.....	13,373	45,187	130,951	1,142,427	153,694	573,078	3,859,301	209,000	0	261,417	Cost	6,323,868
Utah.....	187	45,555	34,640	179,795	23,877	56,100	1,192,700	294,489	0	0	do	1,782,601
Vermont.....	480	120,812	185,000	165,000	13,997	100,000	1,670,000	135,000	1,222,985	280,000	Appraisal	3,771,692
Virginia.....	980	36,000	71,000	594,000	51,800	252,700	2,083,500	344,312	0	152,850	do	3,550,162
Washington.....	1,022	130,000	136,488	425,159	53,125	259,076	1,760,602	2,570,652	0	211,147	Cost	5,415,679
West Virginia.....	1,832	92,151	180,491	742,104	55,132	1,758,436	4,970,000	115,000	0	212,468	Appraisal	7,983,631
Wisconsin.....	1,823	357,000	988,075	2,639,246	113,698	1,652,249	8,484,320	536,680	355,267	0	Both	14,821,545
Wyoming.....	1,208	64,932	170,000	390,000	21,000	366,100	1,750,000	2,021,523	0	18,000	Appraisal	4,706,628
Total.....	153,493	42,119	15,276,449	48,940,609	2,544,909	43,867,015	171,448,715	27,071,465	72,095,077	9,054,066		390,318,305

* Included in column 6.

† Including value of unsold land.

Table 13.—SALARIES—In institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Of president		Of deans			Of professors			Of associate professors			Of assistant professors					
	Cash	Perquisites	Num-ber	Maxi-mum	Typical (me-dian)	Mini-mum	Num-ber	Maxi-mum	Typical (me-dian)	Mini-mum	Num-ber	Maxi-mum	Typical (me-dian)	Mini-mum			
															6	7	8	9	10	11	12	13	14	15	16	17	18
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Alabama.....	\$7,500	\$1,200	9	\$5,500	\$4,000	\$2,700	28	\$3,600	\$3,000	\$2,700	9	\$2,700	\$2,500	\$2,400	32	\$2,400	\$2,100
Alaska.....	6,000	400	11	7,500	6,000	4,000	11	6,500	3,500	3,000	2	3,250	3,250	3,250	2	4,000	2,000
Arizona.....	8,000	3,600	2	5,400	4,100	4,900	48	6,500	4,100	3,300	24	4,100	3,300	2,000	21	4,000	2,800
Arkansas.....	10,000	0	4	6,000	4,250	4,250	40	4,300	3,500	3,000	12	3,300	3,000	2,850	17	3,000	2,250
California.....	12,000	16,000	22	10,000	7,000	5,000	155	8,000	6,000	4,000	131	5,300	3,300	3,300	177	5,000	2,700
Colorado.....	8,500	800	2	5,000	4,500	4,500	28	4,100	3,600	2,000	31	3,033	2,750	2,400	34	2,400	1,800
Connecticut.....	7,500	1,000	2	5,000	5,000	5,000	18	4,000	4,000	3,250	7	3,750	3,750	3,200	8	3,200	2,500
Delaware.....	7,000	1,500	4	4,400	4,400	4,400	23	3,200	3,200	3,200	8	2,900	2,600	2,600	17	2,500	2,200
Florida.....	6,000	0	11	7,500	3,800	3,600	44	3,800	3,400	3,000	24	3,000	2,700	2,500	9	2,500	2,000
Georgia.....	8,500	1,500	13	7,250	6,000	2,800	22	4,000	3,500	3,600	24	2,700	2,550	2,400	10	2,300	2,100
Hawaii.....	10,000	0	1	8,000	8,000	8,000	22	4,800	4,800	3,600	2	3,600	3,600	3,000	8	3,300	3,000
Idaho.....	8,500	1,000	1	8,000	8,000	8,000	38	4,500	3,300	3,000	16	3,000	2,700	2,200	30	3,200	2,000
Illinois.....	15,000	2,500	7	8,000	8,000	8,000	123	7,500	6,500	3,500	55	6,000	4,000	2,900	108	4,000	2,500
Indiana.....	12,000	0	7	8,000	8,000	4,000	66	5,500	4,000	3,000	47	4,000	3,000	2,500	71	3,900	2,200
Iowa.....	12,000	3,000	8	7,250	6,000	2,800	82	7,000	4,500	2,500	88	4,500	3,200	2,300	85	4,000	1,800
Kansas.....	10,000	1,000	7	6,500	5,000	3,500	79	6,000	4,000	2,700	54	4,000	3,200	2,200	66	3,200	1,600
Kentucky.....	12,000	1,000	6	6,500	4,800	4,800	70	4,700	3,500	2,000	21	3,750	3,200	2,000	37	3,200	2,000
Louisiana.....	10,000	1,000	3	4,800	4,800	4,800	53	7,000	4,300	2,540	18	3,900	3,300	2,600	28	3,900	2,100
Maine.....	47,000	600	1	4,400	6,000	3,600	35	3,550	3,500	3,000	20	3,000	2,800	2,100	20	2,400	1,600
Maryland.....	15,000	0	14	7,500	6,000	3,600	67	7,500	3,600	2,000	27	3,800	2,700	2,440	35	3,000	1,650
Massachusetts: Amherst.....	7,500	1,500	5	5,500	5,000	4,000	21	4,500	3,720	2,620	11	3,000	3,300	3,000	25	2,940	2,160
Cambridge.....	12,000	1,000	6	7,000	6,000	4,500	43	6,500	5,000	3,500	66	4,500	3,500	3,000	60	3,600	2,400
Michigan.....	18,000	2,000	15	8,000	6,500	5,000	156	8,000	4,500	3,000	77	6,200	3,600	3,000	163	4,500	2,000
Minnesota.....	4,800	600	6	3,800	3,800	3,800	28	3,800	3,450	2,450	28	2,800	2,150	2,150	18	1,950	1,950
Mississippi.....	12,500	2,500	12	9,100	6,000	4,500	86	6,000	4,800	3,400	36	4,000	3,300	2,400	80	3,600	1,800
Missouri.....	6,500	0	2	5,500	4,200	4,200	35	4,800	3,700	2,500	9	3,800	3,000	2,500	30	3,000	2,400
Nebraska.....	8,400	1,200	12	6,500	5,500	3,000	82	5,000	4,000	2,700	43	4,000	3,000	2,200	41	3,500	1,250
Nevada.....	12,000	0	7	6,000	4,300	4,000	24	4,500	3,600	2,000	10	3,000	2,760	2,700	10	2,500	1,250
New Hampshire.....	9,000	1,100	4	4,500	4,500	3,000	25	4,500	3,700	3,100	6	3,400	2,900	2,900	26	3,100	2,000

New Jersey	15,000	1,200	7	10,800	6,500	4,500	26	6,000	4,000	2,500	18	4,500	3,500	2,800	21	4,250	2,750	2,200
New Mexico	8,000	600	2	3,800	2,500	2,500	21	2,000	2,000	2,000	2	2,900	2,900	2,700	10	2,700	2,300	1,800
New York	20,000	2,500	13	12,000	6,000	6,000	255	10,000	3,000	3,000	171	3,500	2,500	5,000	171	5,000	2,500	2,000
North Carolina	8,500	1,500	14	6,000	4,000	3,000	31	4,500	3,300	2,000	23	3,500	2,400	3,200	26	3,200	2,600	2,000
North Dakota	7,500		2	4,000	4,000	3,000	33	4,000	3,300	2,000	7	3,300	2,400	3,000	15	3,000	2,700	2,200
Ohio	10,000	(¹)	14	7,500	6,500	5,250	200	6,500	4,500	3,000		4,500	3,000	3,000	123	6,500	3,000	2,000
Oklahoma	10,000	1,500	7	4,800	4,800	4,300	44	4,200	3,600	2,700	24	3,200	3,000	2,700	66	2,700	2,500	2,100
Oregon	12,000	1,000	11	5,000	5,000	4,250	60	4,500	4,000	2,800	30	3,200	2,400	2,400	51	2,400	2,400	2,000
Pennsylvania	15,000	1,500	6	9,500	6,500	6,000	85	6,000	3,800	2,500	58	3,600	2,900	2,800	35	3,500	2,600	2,000
Porto Rico	7,500	2,500	3	6,200		3,100	23	3,600	3,600	2,500	1	3,000	2,800	3,000	19	3,000	2,700	2,070
Rhode Island	6,000	1,800					17	3,400	3,800	3,000		3,000			6	2,700	2,600	2,300
South Carolina	9,000	300	6	4,750		3,500	29	4,000	3,800	2,500	18	2,500	2,400	2,600	10	2,400	2,000	1,800
South Dakota	7,500	1,000	2	6,000		2,600	31	4,000	3,400	2,500	10	3,500	3,000	2,200	27	3,000	2,400	1,800
Tennessee	12,000	900	2	4,750	4,500	3,300	41	4,500	4,000	3,400	17	3,300	3,000	2,800	19	2,700	2,400	2,300
Texas	10,000	1,500	8	7,000	5,500	5,500	54	4,000	4,000	2,750	33	3,250	2,500	2,100	20	2,750	2,500	2,000
Utah	6,000																	
Vermont	10,000	2,000	9	4,300	4,000	2,400	19	3,900	3,100	2,900	18	3,100	2,500	2,200	17	2,600	2,300	1,900
Virginia	7,500	800	5	5,000	5,000	1,800	53	3,000	3,400	3,200	14	3,000	2,800	2,400	42	2,400	2,000	1,800
Washington	12,000	1,500	2	5,100	4,500	4,100	33	4,100	4,100	3,400	12	3,300	3,200	2,500	20	2,600	2,500	2,000
West Virginia	8,000	3,000	10	5,000	4,000	3,600	29	4,500	3,300	2,200	13	3,500	3,000	2,350	33	3,300	2,500	2,000
Wisconsin	20,400	2,400	4	7,500	5,750	4,000	135	9,000	6,000	4,000	78	4,750	3,750	3,100	96	4,250	3,000	2,100
Wyoming	10,000	1,500	6	5,250	5,000	4,170	25	4,254	3,660	3,240	9	3,360	3,000	2,400	22	3,400	2,400	2,344
Total	516,100	63,000 ¹	328	288,500	218,500	170,000	2,967	218,500	148,500	100,000	1,300	138,500	100,000	70,000	2,226	2,200	1,500	1,000
Typical (median)	10,000	1,000	6	5,500	5,000	4,000	38	4,500	3,700	3,000	20	3,500	3,000	2,400	206	3,050	2,500	2,000

¹ Contingent fund of \$9,000 in addition.

² Salary for 1928.

³ House for president in addition to salary.

⁴ House and use of auto for president in addition to salary.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 14.—RECEIPTS, Part I.—For instruction, administration, and permanent improvements in institutions attended by white students, year ended June 30, 1927

Land-grant colleges located in	Federal funds		State funds from—			Private gifts for—		Institutional funds from—					From other sources	Total
	Land-grant and Morrill-Nelson funds	Smith-Hughes funds	State endowment	Mill-tax levy and appropriations for—		Current expenses	Permanent improvements and endowments	Interest on college endowment	Tuition and fees, less refunds	Charge for board and lodging	Departmental earnings	Veterans' Bureau for rehabilitation of soldiers		
				Current expenses	Permanent improvements										10	11	12	13	14	15
Alabama.....	\$51,075	\$7,408	\$7,404	\$102,500		\$5,920			\$131,011	\$16,678	\$50,587	\$7,214	\$120,260	\$406,153
Alaska.....	50,000			38,280					1,075	2,288			4,314	95,907
Arizona.....	73,124			657,280		626			97,406	100,837	7,220	3,753	119,252	1,089,488
Arkansas.....	42,997	3,911	(*)	600,951					77,032				17,853	1,098,123
California.....	97,794	15,325	95,352	4,891,226	345,500	1,574,707		\$376,778	1,452,389	38,707	228,038	(*)	923,514	10,559,551
Colorado.....	74,259	11,448	11,448	326,832	124,315				32,819		58,976	4,070	15,326	659,493
Connecticut.....	56,750	5,310	5,310	225,000	131,840			5,178	75,352	111,414	248,950		22,409	867,022
Delaware.....	44,980	5,300	5,300	160,500	285,000	50,080		20,903	66,581	120,101			16,028	729,834
Florida.....	40,549		5,000	437,634		4,511			103,707	110,075	57,174	10,002	115,779	892,420
Georgia.....	43,287	14,511	10,903	110,000		2,500			56,239	41,456			2,171	346,300
Hawaii.....	50,404	991		202,052	5,700		255		12,573	24,431	17,208		8,827	322,601
Idaho.....	169,119			467,153	75,000				45,336	86,227	62,091		7,356	902,262
Illinois.....	82,450	15,790		3,602,488	1,797,038	30,349		7,000	807,980	148,151	356,695	211	35,006	6,876,658
Indiana.....	68,567	22,967	27,467	1,050,000	104,624	57,378			255,575	1,569	203,994		195,864	1,998,525
Iowa.....	79,887	20,054	20,064	1,806,207				10,748	359,133	107,895	359,468		75,000	2,538,506
Kansas.....	73,625	7,025	6,502	930,250	240,000				208,646	78,622	268,865	331	101,315	1,915,901
Kentucky.....	51,385	12,457	12,457	874,610	75,000			1,700	145,172	69,113			13,801	1,255,964
Louisiana.....	44,385	4,544		528,639	283,013				69,687		68,838		118,977	1,081,083
Maine.....	55,915	3,692	1,231	340,000	60,000			26,947	164,827	118,265	73,208		459,996	846,083
Maryland.....	46,832	15,244	15,244	353,240	180,000	11,868			493,246	129,617	209,728	663		1,914,078
Massachusetts:														
Amherst.....	40,633		3,313	662,015	24,912				52,551	143,304	80,445		22,041	1,064,214
Cambridge.....	20,317					1,322,000		1,599,000	875,000	183,000	305,000		128,000	4,402,917
Michigan.....	130,713			1,462,537	739,331	306,000		2,215	258,466	29,159	348,662		2,363	2,963,245
Minnesota.....	180,739	21,137	94,686	3,708,468	602,118			297,764	894,990	409,167			1,283,192	7,848,391
Mississippi.....	36,286			23,691					56,281	171,647	250,728		37,096	7,706,628

Missouri.....	98,766	18,732	58,648	1,467,569	63,445	6,420	158,917	27,054	420,004	61,832	250,830	10,138	429,054	8,072,608
Montana.....	94,751	4,637	2,240	211,258	98,930		32,947		32,947	15,419	46,502		46,502	5,504,088
Nebraska.....	99,379	11,350		1,750,000	450,000	18,000	443,145	249	443,145	114,332	562,007		562,007	3,430,493
Nevada.....	58,251			158,452	41,368		42,403	7,854	42,403	49,120	26,565		35,807	553,822
New Hampshire.....	54,860	2,805	2,805	327,257	274,226		162,478	33,509	162,478	173,200	71,500	789	113,984	1,219,443
New Jersey.....	55,900	8,802	8,802	762,199	417,829	23,224	1,584,894	110,975	374,305	388,499			38,748	3,773,277
New Mexico.....	75,844	1,439	1,439	55,000			7,070	7,452	7,070	13,262	35,168		35,168	196,774
New York.....	84,429	23,499	27,034	1,147,889	85,423	364,482	1,014,470	1,014,470	1,408,920	710,947	710,551		232,737	5,928,541
North Carolina.....	41,000	5,550		396,999	163,127		167,188		167,188	176,079	67,417	1,280	127,390	1,149,039
North Dakota.....	120,421	10,667		(*)	(*)		26,949		26,949	22,560	9,181			188,768
Ohio.....	95,017			2,768,660	581,607	15,744	3,524	20,401	558,159	110,913	206,291		718,491	5,096,807
Oklahoma.....	177,000			599,208	157,250		2,825		31,276	30,268	120,907	94,736	68,177	1,281,250
Oregon.....	60,939	5,837		1,191,688			165,528		165,528	148,145			7,046	1,579,173
Pennsylvania.....	76,020	33,529	33,529	801,746		12,882	598		579,568	133,707	449,364		11,533	2,232,508
Porto Rico.....	* 50,541	2,239	2,239	322,219			3,365		37,458		19,194		6,698	441,704
Rhode Island.....	62,500			131,548	600,000			972	18,490	103,967	35,633		15,312	965,332
South Carolina.....	30,754	(*)		303,841	15,000			3,512	22,457	215,958			64,547	655,089
South Dakota.....	103,885	8,337		343,600	173,833				57,400	17,788	69,202	1,187	5,087	783,319
Tennessee.....	58,000	13,834	8,363	745,995	6,627	4,550	103,393	1,340	184,534	78,432	143,703			1,343,411
Texas.....	47,950	5,130	5,130	934,103	283,500				85,686	500,457	351,025		280,896	2,563,876
Utah.....	68,420	2,908		193,977		3,399			53,296		11,576	138	11,856	345,430
Vermont.....	58,130	6,377		89,600				43,644	270,836	55,698			147,252	670,477
Virginia.....	53,922	5,963	5,963	235,983	128,200		53,915		53,915	219,882	307,163	1,071	48,472	1,060,404
Washington.....	147,435	3,492		940,268	276,814				138,651	58,461	98,083			1,664,174
West Virginia.....	46,600	13,000	10,692	820,000	325,000				183,036	115,068	55,211		29,594	1,608,131
Wisconsin.....	70,394			3,084,844	1,311,492	107,571	37,197		821,691	614,238	738,703		357,148	7,046,176
Wyoming.....	143,510		4,409	334,946	282,070		1,008	173	88,663	64,933			48,734	898,939
Total.....	3,816,670	377,308	464,264	44,077,392	11,103,260	867,365	8,768,780	8,719,785	13,204,266	6,306,743	7,714,007	134,825	6,599,979	104,095,669

* Including \$4,126 for delinquent taxes 1921-22.
 † Included in column 6.
 ‡ Included in column 10.
 § One-third of appropriation for triennium 1925-27.
 ¶ Funds returned to State; not available for institutional expenses.
 ** \$14,194 of this returned to State; not available for institutional expenses.
 †† Biennial State appropriation, 1925-27, shown in 1926 report.
 ††† Including interest.
 †††† This money and State money to which disbursed by State board of education.



LAND-GRANT COLLEGES AND UNIVERSITIES

Table 14.—RECEIPTS, Part II—Experiment stations and research in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	For the agricultural experiment station						For the engineering experiment station				For other research		
	Federal funds (Hatch, Adams, Fernald, etc.)	State funds	Experiment station earnings	Income from other sources	Total	Total for permanent improvements	State funds	From other sources	Total	State funds	From other sources	Total	
													1	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	860,000	841,000	813,167	80,809	\$124,036								
Alaska.....													
Arizona.....	60,000	16,465	21,772	689	76,465								
Arkansas.....	60,000	15,000	97,461		97,461			491	491		82,779	82,779	
California.....	60,000	618,136	93,223	16,814	686,173	\$100,000	(1)			822,600	7,441	29,941	
Colorado.....	60,000	68,080	31,303		184,383		\$11,000		11,000				
Connecticut.....	31,000	32,000	17,907		80,907								
Delaware.....	60,200	18,500	15,466		82,251								
Florida.....	60,000	231,588			291,588	41,722		58,280	58,280	2,600		2,600	
Georgia.....													
Hawaii.....		15,936	31,598		47,539					18,643	10,083	28,726	
Idaho.....	60,000	24,000	14,194		99,180					11,669		11,669	
Illinois.....	60,000	420,915	57,651		538,566			2,938	93,524	36,119	53,528	68,547	
Indiana.....	79,820	228,200	122,186		430,206	9,762		28,771	28,771	15,000	194,212	239,212	
Iowa.....	57,966	265,000	44,357		367,322		58,080	2,316	60,316	47,600		47,600	
Kansas.....	60,000	83,700	41,263		184,963	6,000	3,200	2,800	6,110	16,000		16,000	
Kentucky.....	60,000	146,000	159,592		368,592	25,000			7,000	25,000		25,000	
Louisiana.....	60,000	40,000	16,836		116,836								
Maine.....	60,000	38,000	25,243		123,243		3,000		3,000				
Maryland.....	60,000	78,770	34,422	2,473	175,667								
Massachusetts.....													
Amherst.....	60,000	103,240	12,102		175,351	3,368							
Cambridge.....													
Michigan.....	60,000		32,787		92,787								
Minnesota.....	60,000				60,000					60,000		60,000	
Mississippi.....	77,343	98,973	12,761		189,077						4,876	4,876	

State	60,000	25,800	64,862	181,723	14,487	728	14,215	1,004	1,004
Missouri.....	60,000	118,885	26,450	215,264		3	776		
Montana.....	60,000		78,427	138,427					
Nebraska.....	60,000	4,446	4,814	69,260					
Nevada.....	60,000	4,500	28,723	86,233					
New Hampshire.....	60,000	300,621	92,891	443,512					
New Jersey.....	60,000	7,500	12,069	79,569					
New Mexico.....	60,000	835,231		595,231					
New York.....	60,000	(*)	62,338	138,122					
North Carolina.....	60,000		102,220	170,220	(*)				14,438
North Dakota.....	60,000								
Ohio.....	60,000	30,000	14,407	104,407	11,102		11,102		
Oklahoma.....	60,000	79,500		191,039	79,500		6,441		
Oregon.....	60,000	3,000	17,036	83,325					
Pennsylvania.....	60,000								
Porto Rico.....	60,000								
Rhode Island.....	60,000	62,433	6,418	66,418					
South Carolina.....	60,000	57,920	50,705	218,138	25,000				
South Dakota.....	60,000		18,046	141,364					
Tennessee.....	60,000	303,225	17,168	80,835	2,500				
Texas.....	60,000	65,125	106,921	470,146	2,000		2,000		
Utah.....	60,000								
Vermont.....	60,000	19,825	600	145,450					
Virginia.....	60,000	85,603	15,129	60,000					
Washington.....	62,826	19,607	65,045	160,732	7,510		1,820		
West Virginia.....	60,000	95,500	54,638	147,478					
Wisconsin.....	50,000	54,156	532,297	210,136			36		
Wyoming.....	60,000	40,217	4,518	636,533	696				
Total.....	2,758,249	4,506,923	2,197,865	9,544,692	326,293	314,510	510,235	499,041	285,007
									777,048

* See footnote 2, Part I. Funds returned to State, not available for institutional expenses. † Biennial State appropriation, 1925-1927 (\$265,400), shown in 1928 report.



Table 14.—RECEIPTS, Part III—Extension and regulatory service. Grand total income of institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	For agricultural and home economics extension						For general university extension			For regula-tory serv-ice	Grand total (receipts of institutions for all pur-poses)
	Federal funds (Smith-Lever and others)		State funds	County funds	Other funds	Total	State funds	Other funds	Total		
	3	4										5	6	7	8	9
Alabama.....	\$203,202	\$162,500	\$45,288	\$28,993	\$439,983		\$18,712	\$18,712	\$7,000	\$1,301,500	
Alaska.....	32,761		23,617	256	56,634		15,681	15,681		95,907	
Arizona.....	168,576	95,000	180,243	15,056	423,874		17,008	17,008		1,211,558	
Arkansas.....	125,061	344,946	181,167		651,174	(?)	260,434	310,434		1,606,466	
California.....	61,101	50,000	50,166		161,267					12,237,373	
Colorado.....	56,680	70,000			136,680	6,338	589	6,927		1,016,143	
Connecticut.....	20,742	16,741		749	32,232	6,393	414	6,807		1,110,536	
Delaware.....	138,777	14,817	136,749		290,343	32,500	22,486	54,986		862,124	
Florida.....	237,780	165,250	188,978	22,340	614,348		51,981	51,981		1,580,117	
Georgia.....						14,800	5,540	20,400		1,012,722	
Hawaii.....	40,695	48,309			89,005					414,256	
Idaho.....	228,496	111,299	107,197		446,992					1,102,096	
Illinois.....	172,944	152,057	84,961	70,045	480,037	55,107	5,614	61,721	141,309	8,044,287	
Indiana.....	170,586	190,586			361,172	36,500		36,500		3,349,781	
Iowa.....										3,711,336	
Kansas.....	130,963	114,500		1,242	246,704		14,957	14,957		2,384,565	
Kentucky.....	97,843	142,241	102,202	3,800	445,675		15,291	15,291		2,085,521	
Louisiana.....	169,164	93,361	116,000		378,525	28,000	2,000	30,000	33,704	1,671,648	
Maine.....	59,218	49,218			108,436					1,080,812	
Maryland.....	70,964	101,520			172,484	39,173	6,449	45,622	34,279	2,842,730	
Massachusetts: Amherst.....	31,244				31,244	84,255	898	85,143	81,703	1,438,655	
Cambridge.....	159,914				159,914					4,402,917	
Michigan.....	150,319	118,500			268,819		116,168	116,168	562,464	3,215,946	
Minnesota.....	172,905	162,905	129,436	2,076	467,322	947			20,100	8,915,872	
Mississippi.....										1,474,644	

PART II—INSTITUTIONS FOR WHITE STUDENTS

Missouri.....	200,921	133,458	15,177	429,916	24,226	50,073	74,369		2,774,822
Montana.....	49,597			147,754					968,490
Nebraska.....	103,618	46,283	13,044	103,618	50,000		50,000	21,977	3,744,484
Nevada.....	30,503	7,200		97,039		2,135	32,510	28,446	738,702
New Hampshire.....	27,160			70,390	32,510				1,410,546
New Jersey.....	89,774	149,082		328,641	10,000	42,345	52,345		4,595,775
New Mexico.....	41,036	36,710		77,746	63,564	1,300	54,864	6,000	414,953
New York.....	197,851	629,203	28,111	1,252,826		31,066			7,824,002
North Carolina.....	227,356	183,397	20,233	606,986					1,993,147
North Dakota.....	68,694	27,446	1,505	97,645		1,375			459,008
Ohio.....	228,775		223,306	709,539					5,898,661
Oklahoma.....	166,423	168,775		465,198					1,860,955
Oregon.....	51,225	85,038		263,564	2,500				2,110,067
Pennsylvania.....	336,987		250	657,846		21,250	23,750		3,141,368
Porto Rico.....						167,689	167,689		516,980
Rhode Island.....	11,568								1,036,731
South Carolina.....	186,015			12,489		7,000	7,000	2,495	1,270,064
South Dakota.....	66,176			268,878				121,970	1,207,473
Tennessee.....	230,374	99,450	4,680	268,826	7,800	4,134	11,934		1,790,841
Texas.....	341,015	121,671	8,213	357,676		9,420	9,420	118,154	3,779,030
Utah.....	34,896			595,454					574,248
Vermont.....	35,474	2,900		76,466		6,902	6,902		810,076
Virginia.....	181,905	86,336	11,304	68,674	(*)	7,555	7,555	17,535	1,698,006
Washington.....	94,293	91,472		467,495		6,247	6,247	2,118	2,068,553
West Virginia.....	136,016	104,133		243,479	63,500		63,500		2,185,918
Wisconsin.....	165,779			309,148					8,488,613
Wyoming.....	24,400			154,400		234,382	483,454	72,006	1,223,307
Total.....	6,071,844	3,299,167	468,660	14,879,459	848,255	1,161,255	1,999,510	1,289,259	133,075,872

* Not handled by the university.

† See footnote 2, Part I.

‡ Funds returned to State; not available for institutional expenses.

§ Biennial State appropriation, 1925-27 (\$65,000), shown in 1926 report.

¶ See column 3.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 15.—EXPENDITURES, Part I—Salaries and wages (operation and maintenance) in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	12
	Administration and general	Resident instruction	General library	Extension	Expert-station and other organized research	Physical plant, operation and maintenance	Supplementary operations	Dormitories and dining halls	Athletics	Medical school hospitals	Total (salaries and wages)	
Alabama.....	\$22,490	\$230,266	\$2,435	\$285,340	\$78,906	\$11,521	\$18,943	\$2,543	\$27,320	\$3,602	\$688,485	
Alaska.....	9,392	48,869		72,175	113,785	7,312	20,519	13,902		7,384	65,573	
Arizona.....	60,068	404,271	18,475	191,397	98,508	48,220	5,065				770,161	
Arkansas.....	44,499	336,582	13,491	741,003	744,072	340,118	124,054	34,333			737,762	
California.....	345,548	3,523,299	179,238								6,346,468	
Colorado.....	42,440	207,318	11,060	115,800	136,122	27,100	37,100		11,800		588,740	
Connecticut.....	37,971	233,834	4,655	95,473	57,870	60,139	11,878	25,799	566		528,194	
Delaware.....	31,242	171,363	7,711	26,025	61,987	24,848	1,825	35,125			360,124	
Florida.....	76,070	412,434	6,300	36,724	447,619	5,832	3,725	20,041	16,872		1,028,617	
Georgia.....	34,477	153,370	6,000	523,286		5,704		11,085			733,922	
Hawaii.....	18,943	173,882	14,142	9,186	41,873	10,934	6,601	7,991			269,402	
Idaho.....	50,026	375,170	12,788	68,673	73,924	48,022	22,929	22,382			673,914	
Illinois.....	271,218	2,785,065	119,837	194,511	467,007	309,293	14,431	25,633			4,187,985	
Indiana.....	91,278	906,514	14,554	423,988	478,519	145,947			46,242		2,107,042	
Iowa.....	80,753	1,270,040	36,146	294,128	267,267	85,463	32,788	19,643			2,066,228	
Kansas.....	75,256	1,029,604	20,632	213,591	95,487	90,761		19,457	15,976		1,580,766	
Kentucky.....	44,809	527,916	10,317	328,411	173,075	17,005		3,906			1,106,428	
Louisiana.....	59,045	426,888	18,496	237,237	125,552	28,040			23,000		918,248	
Maine.....	38,802	331,512	8,408	73,029	85,356	67,894	8,353	29,587			643,038	
Maryland.....	86,459	608,468	11,023	180,182	127,260	65,176	26,674	34,179		169,827	1,309,248	
Massachusetts:												
Amherst.....	37,848	341,227	10,771	77,826	158,523	118,773		26,058			771,026	
Cambridge.....	131,300	1,201,700	28,000			150,700	378,200	81,100			1,871,000	
Michigan.....	73,327	891,694	21,034	290,152	287,386	131,870	16,410	8,639		14,058	1,784,570	
Minnesota.....	231,101	2,213,801	121,174	379,105	636,545	178,426	174,792	93,850	58,264	422,549	4,406,607	
Mississippi.....	50,213	186,456	4,183	430,696	128,575	58,461	26,023	26,836	6,264		919,707	
Missouri.....	131,766	1,169,028	41,975	370,788	112,997	145,220	81,600	18,738	32,375		2,104,477	
Montana.....	26,359	204,320	6,973	104,941	144,899	35,542		5,244			538,278	
Nebraska.....	96,791	1,143,609	41,074	177,486	163,008	12,010	25,421	5,810		26,480	1,681,669	
Nevada.....	22,354	204,856	6,357	47,763	46,350	29,480	28,609	13,953	2,724		430,448	
New Hampshire.....	31,474	319,900	9,085	74,716	64,293	68,649	12,541	40,360	1,788		622,971	

New Jersey.....	59, 116	613, 895	26, 333	172, 422	273, 941	75, 579	5, 007	98, 721	2, 000	254, 241	1, 322, 984
New Mexico.....	12, 951	88, 790	3, 200	7, 644	51, 243	14, 388		3, 176			254, 393
New York.....	481, 269	2, 371, 295	32, 982	(1)	379, 030	250, 313	264, 568	230, 936			4, 254, 674
North Carolina.....	52, 633	408, 921	7, 923	492, 498	96, 913	32, 707	5, 544	59, 077	14, 410		1, 170, 626
North Dakota.....	36, 172	233, 522	8, 287	100, 964	163, 976	45, 573		8, 555	7, 497		624, 546
Ohio.....	171, 432	2, 082, 664	78, 329	570, 977	112, 136	317, 017	105, 006	31, 059		75, 141	3, 542, 761
Oklahoma.....	57, 016	518, 784	10, 167	250, 844	63, 965	50, 290	4, 190	17, 601	5, 889	4, 560	988, 314
Oregon.....	91, 799	635, 546	28, 631	189, 807	136, 796	112, 253		41, 204			1, 236, 036
Pennsylvania.....	88, 798	1, 091, 899	16, 783	647, 623	161, 911	82, 953	69, 588	29, 870			2, 179, 375
Porto Rico.....	51, 035	285, 330	7, 650		19, 576	24, 487					388, 078
Rhode Island.....	29, 887	122, 244	1, 640	8, 521	39, 846	14, 895	1, 500	30, 511			249, 044
South Carolina.....	23, 669	189, 559	4, 532		95, 149	21, 918	7, 474	30, 798			391, 749
South Dakota.....	42, 582	274, 473	6, 078		94, 299	48, 688	11, 368	5, 998	17, 652		677, 014
Tennessee.....	49, 622	379, 105	23, 185	188, 550	64, 552	53, 905	18, 568	21, 425			866, 899
Texas.....	75, 267	561, 730	10, 700	234, 497	277, 377	59, 344	232, 279	93, 431	43, 924		1, 794, 252
Utah.....	24, 199	205, 929	3, 868	74, 071	90, 035	25, 644					424, 090
Vermont.....	29, 138	344, 839	6, 854	53, 411	50, 508	19, 253	6, 883	14, 022	353	30, 324	554, 232
Virginia.....	24, 428	243, 863	6, 130	391, 433	114, 485	41, 353	62, 071	33, 241			917, 004
Washington.....	67, 405	448, 684	27, 388	183, 786	69, 156	66, 324	24, 579	18, 241			907, 663
West Virginia.....	67, 304	740, 070	4, 508	294, 604	122, 609			19, 489	11, 500	7, 390	1, 267, 374
Wisconsin.....	210, 625	2, 760, 507	53, 544	394, 554	87, 269	183, 018	126, 091	148, 780	88, 369	319, 342	4, 372, 079
Wyoming.....	48, 788	291, 681	13, 026	64, 551	86, 930	24, 919	10, 763	16, 195	2, 200		669, 353
Total.....	4, 148, 395	36, 952, 647	1, 189, 932	10, 897, 936	7, 963, 526	3, 953, 652	1, 928, 859	1, 548, 613	436, 900	1, 669, 646	70, 700, 216

1 Research included. 2 Dormitories included in column 7. 3 Included in column 3.

Table 15.—EXPENDITURES, Part II—Materials, supplies, and other expenses (operation and maintenance) in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	12
	Administration and general	Resident instruction	General library	Extension	Experimentation and other organized research	Physical plant, operation and maintenance	Supplementary operations	Dormitories and dining halls	Athletics	Medical school hospitals	Total (materials, supplies, etc.)	
Alabama.....	86,254	324,322	\$370	\$150,790	\$31,856	\$10,909	\$175,288	\$7,544	\$52,498	\$1,491	\$471,350	
Alaska.....	9,876					7,745					17,621	
Arizona.....	29,324	26,634	3,496	31,399	44,139	53,826	49,654	59,880	46,712	7,214	264,278	
Arkansas.....	21,710	43,954	2,065	101,963	27,436	30,314	798				230,260	
California.....	144,461	450,054	17,568	217,659	281,700	179,004	358,673	20,369		313,634	1,983,122	
Colorado.....	23,325	52,809	2,687	45,302	68,122	56,505	70,245		3,026		312,321	
Connecticut.....	9,717	112,789	2,159	41,396	20,927	93,985	65,339	86,550	17,429		440,201	
Delaware.....	11,604	18,040	2,261	12,910	29,688	20,712	13,150	86,161	5,444		268,870	
Florida.....	41,722	33,636	4,412	15,266	66,159	51,314	46,730	73,246	82,451		409,936	
Georgia.....	58,854	16,043	3,988	141,565		17,888	4,271	26,498			269,097	
Hawaii.....	5,166	8,894	1,221	6,091	18,017	5,277	13,277	14,871			73,404	
Idaho.....	11,320	55,435	1,406	31,180	26,614	133,208	14,429	67,220			389,908	
Illinois.....	124,847	1,430,799	6,083	37,235	138,609	391,041	16,688	69,769			1,221,060	
Indiana.....	32,734	264,314	4,247	182,719	150,065	166,817	36,046		98,783		914,725	
Iowa.....	57,887	415,146	22,343	122,408	172,108	400,658	103,472	76,657			1,370,679	
Kansas.....	77,044	55,993	8,646	39,876	85,803	80,503		13,863	57,057		418,780	
Kentucky.....	37,025	74,514	8,144	150,858	168,572	144,133		54,204			637,450	
Louisiana.....	21,540	98,049	8,968	174,992	31,568	124,956			33,509		460,582	
Maine.....	23,457	79,934	1,140	36,326	28,697	72,618		86,269			353,488	
Maryland.....	79,878	76,035	1,532	62,221	40,369	55,457	11,017	101,188		192,678	743,174	
Massachusetts:							144,616					
Amherst.....	11,824	74,458	6,799	37,663	26,497	101,268	100	101,057	21,475		300,141	
Cambridge.....	119,900	180,300	13,600			256,100	328,000	113,500			961,400	
Michigan.....	16,390	187,963	1,374	90,453	114,645	111,630	223,381	8,030		7,673	790,539	
Minnesota.....	109,674	370,561	10,239	93,302	127,776	441,771	893,677	310,675	220,104	176,467	2,657,246	
Mississippi.....	47,935	10,359		40,672	53,230	129,341	44,208	119,333	35,369		480,977	
Missouri.....	64,840	239,096	3,955	136,252	97,280	244,240	241,747	45,681	139,815		1,212,906	
Montana.....	12,512	32,127	8,572	48,739	48,739	39,632		9,252			183,948	
Nebraska.....	46,164	560,170	3,558	44,091	106,210	268,390	120,757	104,444		92,695	1,366,379	
Nevada.....	9,510	9,124	1,184	29,627	11,271	20,637	16,905	33,157	24,385		155,309	
New Hampshire.....	16,718	82,658	691	28,680	19,346	61,301	76,651	101,971	19,548		286,274	

New Jersey	49,736	69,200	2,701	60,786	144,183	133,979	4,704	263,509	1,834	60,106	738,849
New Mexico	10,102	16,378	4,421	49,484	27,003	37,120	183,045	11,069	337	157,778	
New York	255,020	1,498,665	45,080	(1)	284,670	284,670	183,045	451,382	1,834	3,040,656	
North Carolina	15,509	56,888	45,710	110,850	38,489	45,002	10,586	148,121	38,686	464,941	
North Dakota	14,843	31,976	2,003	33,352	110,941	49,644	14,815	14,815	109	257,773	
Ohio	187,287	286,735	14,069	160,642	28,942	222,524	470,776	57,314	86,911	1,477,200	
Oklahoma	8,041	142,033	1,079	44,276	23,644	58,717	37,381	31,564	1,122	430,576	
Oregon	53,147	173,098	1,353	81,543	77,267	122,120	20,498	83,264	52,699	442,200	
Pennsylvania	88,882	202,750	3,536	204,202	35,384	128,475	222,654	48,101	1,672	943,884	
Porto Rico	16,060	25,784	1,502	7,209	7,209	10,955	11,726	84,813	189	74,908	
Rhode Island	16,180	19,801	657	2,984	21,000	32,591	12,307	158,824	22,121	189,263	
South Carolina	4,055	55,509	1,415	88,541	31,759	41,746	13,681	2,786	39,480	329,110	
South Dakota	6,430	72,352	197	66,017	29,480	97,715	1,636	72,218	3,701	299,137	
Tennessee	35,268	230,002	4,949	166,046	59,574	62,686	3,701	325,700	39,480	504,415	
Texas	19,155	97,873	2,119	166,046	103,889	176,366	265,008	3,386	1,197,642		
Utah	38,436	22,271	156	19,493	44,066	14,777	2,782	35,317	3,386	142,607	
Vermont	12,549	33,837	2,896	14,533	18,307	22,539	115,305	171,385	46,444	190,173	
Virginia	26,021	41,904	1,522	100,457	39,512	61,139	17,312	6,403	4,764	557,245	
Washington	9,138	134,956	2,309	63,855	151,642	97,300	17,312	93,775	181,756	482,915	
West Virginia	101,395	212,627	11,582	44,519	83,870	432,992	472,303	47,019	13,077	552,529	
Wisconsin	71,557	546,166	1,907	207,096	13,269	25,094	329	257,826	281,563	2,466,435	
Wyoming	34,237	29,572	1,719	15,297	29,483	25,094	4,953,823	4,169,140	1,212,993	194,857	
Total	2,359,262	7,811,648	241,542	3,625,623	3,360,285	5,918,330	4,953,823	4,169,140	1,212,993	1,276,196	34,937,742

† Research included.

‡ Dormitories included in column 7.

§ Includes capital outlay for equipment

¶ Included in column 3.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 15.—EXPENDITURES, Part III—Capital outlay. Expenditures in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Equipment (capital outlay)										Lands, buildings, and land improve-ments (capital outlay)		
	1	2	3	4	5	6	7	8	9	10		11	12	13
Alabama.....	\$168	\$3,406	\$3,030	\$3,406	\$10,241	\$3,321	\$1,962	\$3,833	\$598	\$304	\$179	\$37,022	\$35,052
Alaska.....	10,914			43,621	373	11,200	3,723	1,703				11,535	2,069
Arizona.....	1,328		29,491	28,178	2,732	21,205	2,726	45	39		76	91,255	68,185
Arkansas.....	1,273		85,744	118,179	21,687	44,062	16,319	7,003	324		12,459	141,898	569,062
California.....	18,711		122,232									860,976	1,390,373
Colorado.....	1,400		3,000	620	5,000	5,908	2,000	400		500		18,828	55,473
Connecticut.....													130,521
Delaware.....	4,397		24,468	6,300	2,816	3,165	22,696		9,419			35,286	285,000
Florida.....	1,378		13,538		4,702	45,217	38,925	1,140	1,300	15,292		145,908	462,100
Georgia.....												20,978	20,000
Hawaii.....	1,362		9,926	9,073	1,444	3,916		1,501	1,240			28,461	7,967
Idaho.....	749		18,564	6,325	1,521	7,301	8,844	679	2,222			46,266	126,118
Illinois.....	8,477		190,536	77,258	966	43,289		96	10,886			331,368	1,590,986
Indiana.....	2,016		64,469	10,567	4,428	19,875	128,697			1,573		229,225	88,411
Iowa.....	5,972		16,510	42,621	2,412	15,763	39,456	6,689	1,808			131,323	163,636
Kansas.....	42,769						109,232					178,286	246,537
Kentucky.....	578		30,178	9,863	375	9,645	6,767		24,568	1,717		59,500	280,019
Louisiana.....	56,221		53,940	8,747		8,279			2,094			131,487	196,441
Maine.....	2,301		32,162	7,863	1,464	8,179	4,360	2,876	4,793	5,000		64,027	12,311
Maryland.....	6,925		23,979	8,650	1,578	18,129	10,050	1,788	5,583		5,025	84,705	26,274
Massachusetts.....													
Amherst.....	1,251		8,183	12	1,067	1,530	6,983					19,026	42,238
Cambridge.....	2,378		26,791	10,527	4,313	3,819	21,832	23	2,132		159	71,944	33,700
Michigan.....	17,634		106,965	83,700	3,324	36,644		29,806	10,401	24,869	32,212	345,555	698,334
Minnesota.....	1,076				984	3,534	2,364			5,300		13,538	19,678
Mississippi.....													

Missouri.....	10, 228	67, 083	35, 183	4, 557	10, 867	24, 337	3, 581	216	4, 032	190, 089	260, 874
Montana.....	2, 410	3, 076	2, 786	2, 990	14, 916	2, 435	2, 435	1, 038	.....	28, 458	136, 405
Nebraska.....	1, 868	130, 016	37, 072	4, 808	24, 723	11, 070	.....	40	2, 415	212, 368	746, 695
Nevada.....	440	7, 622	3, 737	2, 932	6, 644	6, 740	2, 933	3, 225	.....	43, 173	152, 168
New Hampshire.....	722	14, 324	7, 083	2, 627	9, 970	7, 594	5, 071	1, 866	158	49, 793	337, 860
New Jersey.....	1, 042	219, 906	21, 358	4, 008	37, 547	1, 578	.....	23, 470	.....	308, 486	1, 162, 404
New York.....	857	18, 248	3, 979	2, 537	2, 720	601	348	6, 744	.....	30, 710	189, 916
North Carolina.....	25, 753	10, 502	3, 755	604	8, 228	114	.....	198	.....	24, 238	226, 860
North Dakota.....	1, 631	129, 659	66, 645	3, 875	2, 384	4, 849	1, 635	4, 129	10, 725	249, 454	588, 775
Ohio.....	2, 969	15, 844	5, 182	1, 303	11, 796	5, 801	210	1, 531	38	43, 338	176, 826
Oregon.....	4, 957	108, 569	14, 712	2, 976	17, 174	1, 590	6, 470	1, 941	.....	148, 970	418, 072
Pennsylvania.....	764	53, 118	5, 533	2, 923	8, 367	465	.....	6, 934	.....	88, 767	17, 544
Porto Rico.....	657	12, 330	4, 294	.....	14, 538	4, 039	.....	1, 343	.....	37, 308	66, 777
Rhode Island.....	75	1, 305	772	365	414	1, 840	.....	2, 098	.....	7, 455	18, 190
South Carolina.....	1, 829	30, 441	8, 765	.....	6, 348	9, 019	3, 780	9, 644	153	68, 225	27, 802
South Dakota.....	5, 005	11, 836	7, 219	2, 235	13, 094	13, 282	1, 200	5, 011	.....	64, 311	154, 388
Tennessee.....	3, 496	30, 186	15, 566	2, 645	10, 140	2, 606	4, 951	4, 392	.....	68, 180	356, 156
Texas.....	1, 070	3, 336	2, 956	503	41, 489	35, 392	12, 638	13, 214	8, 869	148, 773	203, 533
Utah.....	132	2, 041	2, 454	332	4, 281	182	.....	31	151	11, 656	.....
Vermont.....	426	12, 577	4, 922	729	4, 124	289	38, 991	75	.....	01, 493	10, 778
Virginia.....	3, 162	63, 426	3, 059	846	2, 879	48, 078	9, 696	13, 687	.....	77, 026	186, 774
Washington.....	10, 713	23, 762	6, 656	6, 090	19, 533	2, 803	6, 745	.....	.....	124, 152	435, 835
West Virginia.....	.....	.....	.....	.....	3, 720	.....	.....	.....	.....	33, 672	328, 894
Wisconsin.....	.....	133, 391	45, 908	12, 685	4, 924	7, 867	1, 968	15, 301	8, 783	277, 585	654, 928
Wyoming.....	.....	1, 969	11, 485	386	18, 663	426	.....	5, 173	.....	33, 102	356, 376
Total.....	278, 135	1, 988, 494	796, 983	143, 465	612, 864	615, 832	157, 821	215, 087	80, 316	4, 990, 473	14, 076, 455

1 Research included.

2 Dormitories included in column 7.

3 Included in Part II, this table.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 15.—EXPENDITURES, Part IV—Grand totals for institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Admission and general	Resident instruction	General library	Extension	Experimentation and other organized research	Physical plant operation and maintenance	Supplementary operations	Dormitories and dining halls	Athletics	Medical school hospitals	Physical plant extensions (lands, buildings, and land improvements)	Trust funds	Grand total (all expenditures, Table 14, Parts I, II, and III)	
Alabama.....	\$28,942	\$272,638	\$6,211	\$446,360	\$119,178	\$24,362	\$198,094	\$10,665	\$90,120	\$6,262	\$35,052		\$1,228,909	
Alaska.....	30,182	48,869	621			16,037	77,881				2,068		99,768	
Arizona.....	90,720	470,395	65,228	103,947	109,134	113,171	77,881	73,821	46,712	14,674	68,185	\$351	1,394,220	
Arkansas.....	67,482	468,280	43,729	296,112	147,149	81,260	6,908				669,022	208,376	1,887,857	
California.....	508,720	4,095,585	314,985	980,249	1,069,894	534,441	489,730	35,026		660,891	1,330,372	1,516,576	11,687,609	
Colorado.....	67,185	263,127	14,367	166,102	200,452	85,005	107,745		15,326		86,473		976,363	
Connecticut.....	47,688	346,623	6,814	136,809	78,806	154,124	67,217	112,349	17,965		130,521	1,070	1,100,070	
Delaware.....	42,846	189,403	9,972	38,933	94,740	77,256	14,975	130,705	5,444		285,000		889,374	
Florida.....	122,189	470,538	17,012	54,808	548,985	94,072	61,695	104,635	114,614		462,100		2,040,658	
Georgia.....	94,703	182,951	9,968	660,563		23,592	4,271	28,833			20,000	18,480	1,082,477	
Hawaii.....	25,471	192,712	5,330	17,311	63,805	22,211	21,279	24,102			7,937	1,246	400,529	
Idaho.....	62,095	449,169	19,612	101,374	107,639	190,074	38,037	91,824			128,118		1,188,142	
Illinois.....	404,542	3,413,400	303,177	232,612	648,885	700,334	31,215	106,288			1,534,886	101,711	7,872,760	
Indiana.....	126,028	1,235,297	29,308	561,135	648,070	468,401	36,046		146,878		81,411	82,861	3,371,764	
Iowa.....	144,612	1,701,696	101,110	418,948	455,168	525,579	142,949	98,168			165,026	55,036	3,806,891	
Kansas.....	195,071	1,085,572	29,278	253,467	181,200	280,496		57,908	74,750		246,537	12,863	2,417,523	
Kentucky.....	82,412	632,608	28,324	479,644	351,292	168,805		60,293			280,019	877	2,083,974	
Louisiana.....	136,808	573,177	28,201	412,229	165,399	162,906			61,600		190,441		1,720,788	
Maine.....	74,680	443,008	17,441	113,819	123,232	144,842	22,247	130,049			12,311		1,072,839	
Maryland.....	173,262	708,462	20,205	233,981	185,758	130,683	173,076	143,860		367,730	26,274		2,163,401	
Massachusetts:														
Amherst.....	50,923	423,868	17,682	116,556	195,550	227,024	100	127,115	21,475		12,238		1,222,431	
Cambridge.....	251,200	1,332,000	42,600			403,800	608,200	194,600			83,700	465,000	3,331,100	
Michigan.....	91,035	1,108,478	32,935	384,948	405,850	265,352	239,814	18,801		21,800	68,334	1,063	3,206,830	
Minnesota.....	358,409	2,591,377	215,113	475,731	700,965	620,197	1,098,275	414,026	303,237	634,228	71,612	305,078	8,436,668	
Mississippi.....	99,224	1,190,845	4,183	479,302	185,639	190,196	72,231	145,669	46,933		114,678	294	1,434,194	
Missouri.....	206,819	1,475,187	81,113	511,597	220,844	413,797	328,928	94,635	177,122		201,874	145,730	3,884,648	
Montana.....	39,476	240,122	10,281	149,104	208,554	15,534					136,408		877,088	
Nebraska.....	145,325	1,833,793	81,704	228,470	283,941	311,326	146,178	110,294		121,440	749,696		4,010,771	
Nevada.....	33,763	321,602	10,278	80,322	263,265	65,857	46,447	56,437	28,960		145,088		760,022	
New Hampshire.....	43,622	416,943	18,979	100,828	549	127,444	95,368	144,217	31,409		357,860		1,469,408	

New Jersey.....	100,873	903,008	49,392	228,214	455,473	209,136	9,801	385,709	1,168,404	12,371	3,541,141
New Mexico.....	22,053	100,168	7,021	127,128	78,246	51,508	4,7,613	14,276	337	13,371	412,170
New York.....	736,318	3,869,900	78,072	61,128	631,717	534,983	4,7,613	672,318	180,917	262,016	7,748,160
North Carolina.....	69,184	479,057	12,112	635,985	138,122	78,310	16,478	213,942	229,860	.....	1,893,146
North Dakota.....	51,872	296,000	14,045	134,920	283,145	95,331	.....	23,568	10,949	.....	917,526
Ohio.....	384,472	2,451,858	150,043	744,404	143,462	544,300	577,417	92,502	588,775	.....	5,859,190
Oklahoma.....	66,688	676,681	16,428	206,423	104,407	114,807	61,790	50,606	176,826	56,764	1,685,818
Oregon.....	147,945	817,213	44,686	274,326	231,237	165,972	20,498	125,409	118,072	.....	1,945,368
Pennsylvania.....	182,607	1,347,767	26,832	854,748	205,662	211,803	288,612	94,905	17,544	.....	3,229,870
Porto Rico.....	67,859	323,444	13,446	.....	141,323	39,481	11,728	.....	86,777	.....	587,071
Rhode Island.....	45,734	143,350	3,069	11,820	61,260	49,335	13,807	117,417	.....	.....	463,972
South Carolina.....	27,799	275,509	15,712	.....	133,256	72,083	24,925	190,264	18,190	.....	816,886
South Dakota.....	50,841	372,266	13,494	279,326	136,873	159,665	14,202	13,785	27,802	.....	1,194,850
Tennessee.....	89,895	620,943	43,700	304,159	124,285	121,197	27,250	98,033	356,156	50,931	1,856,551
Texas.....	97,918	699,789	16,776	608,779	424,755	271,102	509,925	432,261	203,533	2,985	3,347,215
Utah.....	63,707	231,536	6,478	98,896	138,382	40,473	.....	.....	.....	.....	578,062
Vermont.....	42,819	380,717	14,672	68,673	72,939	42,080	47,628	49,370	10,778	300	844,469
Virginia.....	50,875	298,344	10,711	492,736	150,876	150,570	187,062	204,701	158,774	27,783	1,718,149
Washington.....	79,705	647,060	36,353	257,781	240,331	166,427	48,636	38,331	436,835	7,500	1,950,465
West Virginia.....	168,599	976,459	16,090	345,213	210,199	106,492	.....	113,264	328,894	.....	2,182,309
Wisconsin.....	298,895	3,440,064	101,359	614,345	105,492	623,877	600,362	421,907	654,928	60,806	7,881,883
Wyoming.....	83,025	323,222	26,230	80,534	130,076	50,439	11,092	68,367	355,376	67,361	1,210,009
Total.....	6,788,791	46,762,779	2,227,477	14,066,924	11,963,075	10,487,815	7,040,503	5,932,810	14,076,456	3,427,879	128,141,705
Per cent.....	6.3	36.5	1.7	11.5	9.3	8.2	5.5	4.6	11.0	2.7	100.0

* Includes income transferred to endowment, \$1,372,141.

† Research included.

‡ Dormitories included in column 7.

§ Included in column 3.

¶ School of tropical medicine.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 16.—RECAPITULATION OF RECEIPTS AND EXPENDITURES in institutions attended by white students, year ended June 30, 1927

Land-grant college located in—	Total receipts (columns 3, 4, and 7 include capital funds)							Total expenditures						
	Federal funds	State funds	Private gifts	Institutional funds	Earnings	Miscellaneous receipts	Grand total receipts	Operation and maintenance			Capital outlay		Trust funds	Grand total expenditures
								1	2	3	4	5			6	7	8	9	10	11	12	13	14
Alabama	\$321,681	\$321,034	\$15,759	\$242,263	\$285,448	\$115,295	\$1,301,500	\$653,485	\$471,350	\$37,022	\$35,052			\$1,228,909
Alaska	50,000	38,230		1,075	2,268	4,314	95,907	65,573	17,621	11,533	2,069			96,708
Arizona	165,885	657,290	626	220,581	125,033	36,143	1,211,558	770,151	264,278	91,253	68,185			1,204,220
Arkansas	270,484	1,035,951	1,068	111,893	21,772	165,298	1,608,466	737,762	220,260	141,808	569,062			1,887,337
California	268,180	6,237,600	2,129,414	2,734,439	357,966	479,614	12,237,273	6,346,463	1,983,122	360,976	1,330,372			11,537,508
Colorado	206,805	616,675		52,215	90,279	50,106	1,016,143	588,740	312,321	18,828	58,473			976,343
Connecticut	149,740	478,997	589	102,989	378,271		1,110,580	528,194	440,291		130,521			1,100,076
Delaware	130,317	436,434	55,290	104,371	125,617	125	862,124	390,124	208,870	35,280	285,000		1,070	889,274
Florida	239,320	734,039	2,500	251,974	225,529	136,749	1,540,117	1,023,617	406,936	145,068	462,100			2,040,556
Georgia	300,578	286,153	52,816	57,900	104,379	211,406	1,012,722	733,922	268,067	30,978	20,000		18,480	1,062,477
Hawaii	51,455	252,291	1,855	26,140	73,252	10,083	414,256	280,462	73,404	28,401	7,957		1,245	400,529
Idaho	239,815	827,047		52,692	162,512		1,102,066	673,914	339,905	46,205	128,118			1,188,142
Illinois	386,736	6,058,425	71,778	814,791	595,455	147,102	8,044,267	4,187,885	1,221,080	331,388	1,630,596		101,711	7,372,750
Indiana	345,268	1,774,704	78,570	490,345	335,328	349,446	2,340,781	2,107,042	914,725	229,225	88,411		52,361	3,371,764
Iowa	328,532	2,423,887		444,681	514,036		3,711,336	2,086,228	1,370,679	131,323	163,626		55,035	3,806,891
Kansas	272,212	1,394,202		321,623	391,660	4,808	2,394,565	1,500,766	418,780	178,286	246,537		17,863	2,417,232
Kentucky	321,194	1,253,308	3,800	176,223	228,705	102,202	2,085,321	1,108,428	637,450	59,500	280,019		577	2,085,974
Louisiana	278,083	998,013	9,000	183,664	88,174	149,704	1,671,648	918,248	490,592	131,857	196,441			1,726,758
Maine	178,829	491,469		191,774	218,714		1,080,812	643,003	353,486	64,077	12,311			1,072,829
Maryland	193,040	781,642	14,343	963,905	373,707	20,083	2,342,730	1,309,248	743,174	84,705	26,274			2,163,401

PART II—INSTITUTIONS FOR WHITE STUDENTS

Alabama	131,577	941,873	73,400	241,851	47,574	1,438,665	771,028	390,141	10,026	42,283	465,000	1,222,431
Albany (M. A. C.)	20,317	1,322,600	2,602,000	458,000	4,402,917	3,215,946	1,871,000	981,400	71,994	33,700	465,000	3,331,100
Cambridge (M. I. T.)	340,627	2,001,698	383,043	410,708	2,215,946	8,915,872	1,734,570	770,539	345,555	628,334	1,003	3,296,530
Michigan	412,185	4,585,022	2,642,034	408,157	502,464	8,915,872	4,009,007	2,057,246	13,538	717,612	305,675	8,434,066
Minnesota	280,534	518,816	97,823	136,067	136,067	1,474,044	919,707	680,977	19,678	19,678	294	1,431,194
Mississippi	378,210	1,735,595	680,639	408,332	400,060	3,774,832	2,104,477	1,212,906	190,659	260,874	145,780	3,884,646
Missouri	308,985	528,196	32,947	98,363	98,363	868,480	328,278	183,948	28,455	136,405	749,086	4,877,086
Montana	374,847	2,371,977	443,304	754,766	2,744,484	1,051,999	1,051,999	1,366,370	212,598	129,086	4,010,271	760,022
Nebraska	143,754	263,911	86,966	80,499	59,337	788,702	600,448	153,300	43,173	182,198	8,913	1,409,400
Nevada	144,765	677,298	310,760	270,523	7,300	1,410,546	622,671	390,274	49,793	337,860	2,311	1,409,400
New Hampshire	305,376	1,886,236	660,163	481,390	149,082	4,685,775	1,322,984	728,896	308,486	1,168,404	12,371	3,841,141
New Jersey	175,319	123,503	14,522	60,599	38,010	414,953	254,302	157,778	30,719	199,916	362,915	412,170
New Mexico	365,779	2,208,177	2,601,770	1,421,498	711,661	7,824,022	4,254,674	3,040,655	80,719	226,860	7,748,100	1,903,148
New York	333,906	788,126	232,134	299,280	327,363	1,993,147	1,170,626	464,941	24,256	226,860	917,528	5,608,190
North Carolina	259,772	8,000	28,324	133,961	28,951	459,008	624,546	257,773	24,256	10,949	94,764	1,943,268
North Dakota	322,792	242,664	1,295,051	317,204	168,775	5,998,661	3,543,761	1,477,200	249,454	588,775	84,777	3,228,670
Ohio	403,423	2,825	194,192	165,282	159,027	1,850,956	968,314	420,576	43,338	176,826	118,072	1,943,268
Oklahoma	177,991	1,445,830	172,574	148,145	159,027	2,110,067	1,236,036	442,200	148,970	118,072	17,544	3,228,670
Oregon	508,536	1,238,884	758,822	660,027	44,166	3,141,868	2,179,376	943,894	88,767	17,544	84,777	1,943,268
Pennsylvania	50,841	234,458	3,395	44,166	18,164	515,990	388,078	74,908	37,308	84,777	84,777	1,943,268
Porto Rico	134,068	734,971	31,774	145,918	18,164	1,024,781	249,044	189,283	7,455	18,100	2,987,071	5,608,190
Rhode Island	245,769	616,687	90,516	205,063	24,429	1,270,054	391,749	189,283	65,225	27,802	2,987,071	5,608,190
South Carolina	238,398	691,353	68,686	105,033	114,098	2,207,473	677,014	299,137	64,311	27,802	2,987,071	5,608,190
South Dakota	302,208	760,605	194,993	239,323	121,671	1,796,341	890,890	504,416	58,150	356,156	1,943,268	1,943,268
Tennessee	454,095	1,877,184	360,581	955,403	123,367	3,776,030	1,794,282	1,197,642	148,773	308,538	2,987,071	5,608,190
Texas	165,794	298,102	86,813	31,401	16,273	574,248	424,099	142,607	11,656	300	578,062	1,943,268
Utah	188,951	124,160	314,480	55,698	163,467	816,676	584,232	190,178	61,493	10,778	27,798	1,943,268
Vermont	301,700	645,669	69,598	541,074	139,108	1,698,066	917,504	557,245	77,626	108,774	7,500	1,943,268
Virginia	308,046	1,301,602	144,888	222,476	91,473	2,068,533	907,503	482,915	124,153	433,826	1,718,149	1,943,268
Washington	249,615	1,394,692	212,660	294,918	1/4,133	2,185,918	1,267,374	562,629	35,572	328,894	1,943,268	1,943,268
West Virginia	289,173	899,215	1,347,192	1,785,336	64,629	3,488,612	4,872,079	2,466,435	277,589	654,928	7,881,833	1,943,268
Wisconsin	227,910	742,162	108,696	69,453	74,097	1,222,307	659,353	194,827	38,102	350,376	67,361	1,943,268
Wyoming	13,024,071	68,949,739	28,612,176	16,628,873	5,847,903	138,078,872	79,709,216	34,937,742	4,960,473	14,076,456	3,437,879	128,141,766
Total	9,8	8.4	17.7	16,628,873	100.0	100.0	53.2	27.3	3.9	11.0	2.6	100.0
Per cent	9.8	8.4	17.7	16,628,873	100.0	100.0	53.2	27.3	3.9	11.0	2.6	100.0
Median	18.1	51.4	19.2	11.3	3.9	11.3	53.2	27.3	3.9	11.0	2.6	100.0
per cent	18.1	51.4	19.2	11.3	3.9	11.3	53.2	27.3	3.9	11.0	2.6	100.0

* Includes income transferred to endowment, \$1,372,161.

Part III. NEGRO LAND-GRANT COLLEGES

DIRECTORY, 1928—Negro land-grant colleges

1. *Alabama*.—State Agricultural and Mechanical Institute for Negroes, Normal—J. F. Drake.
2. *Arkansas*.—The Agricultural, Mechanical and Normal School, Pine Bluff—
3. *Delaware*.—State College for Colored Students, Dover—R. S. Grossley.
4. *Florida*.—Florida Agricultural and Mechanical College for Negroes, Tallahassee—J. R. E. Lee.
5. *Georgia*.—Georgia State Industrial College, Savannah—B. F. Hubert.
6. *Kentucky*.—Kentucky State Industrial College, Frankfort—G. P. Russell.
7. *Louisiana*.—Southern University and Agricultural and Mechanical College, Scotlandville—J. S. Clark.
8. *Maryland*.—Princess Anne Academy, Princess Anne—T. H. Kiah.
9. *Mississippi*.—Alcorn Agricultural and Mechanical College, Alcorn—L. J. Rowan.
10. *Missouri*.—Lincoln University, Jefferson City—
11. *North Carolina*.—The Negro Agricultural and Technical College, Greensboro—F. D. Bluford.
12. *Oklahoma*.—Colored Agricultural and Normal University, Langston—Z. T. Hubert.
13. *South Carolina*.—The Colored Normal, Industrial, Agricultural and Mechanical College of South Carolina, Orangeburg—R. S. Wilkinson.
14. *Tennessee*.—Agricultural and Industrial State Normal School for Negroes, Nashville—William J. Hale.
15. *Texas*.—Prairie View State Normal and Industrial College, Prairie View—W. R. Banks.
16. *Virginia*.—Virginia Normal and Industrial Institute, Ettricks—John M. Gandy.
17. *West Virginia*.—West Virginia Collegiate Institute, Institute—John W. Davis.

This section of the bulletin concerns only the 17 negro land-grant colleges. A comparative summary of these colleges for 1916-17, 1921-22, and 1926-27 is shown in Table 17. Fifteen of these colleges are included in a general survey of negro colleges which was undertaken in 1927.

During 1926-27 a total of \$778, 989 was expended for new buildings, as shown in Table 18, and property was appraised at \$10,340,698. Receipts and expenditures were reported as follows:

Receipts	Amount	Per cent	Expenditures	Amount
Federal funds.....	\$332, 984	9. 2	Operation and maintenance:	
State funds.....	1, 818, 226	50. 5	Salaries and wages.....	\$1, 125, 502
Private gifts.....	177, 914	4. 9	Materials, supplies, etc.....	7, 069, 494
Tuition, fees, etc.....	254, 465	7. 1	Capital outlay:	
Earnings.....	793, 451	22. 0	Equipment.....	167, 894
Miscellaneous receipts.....	227, 793	6. 3	Lands, buildings, etc.....	816, 502
			Trust funds.....	33, 747
Total.....	3, 604, 803	100	Not detailed.....	199, 079
			Total.....	3, 412, 289

Staff members numbered 421 full-time men, 342 full-time women, 37 part-time men, and 23 part-time women. (See Table 19.) The total number of resident college students enrolled was 1,166 men and 1,922 women, while the total of all students, including secondary grades and summer schools, was 5,026 men and 10,985 women. (See Table 20.)

Outside of the 17 negro land-grant colleges, negro students are enrolled in the land-grant colleges in the North and West. Not all of these institutions keep separate records of these students, but the following table shows that in 1926-27 there were about 400 negro men and women students enrolled in 24 northern and western land-grant colleges:

Negro students in northern and western land-grant colleges

Land-grant college located in—	Men	Women	Land-grant college located in—	Men	Women
Arizona.....	3	3	Nebraska.....	18	25
California.....	35	49	Nevada.....	1	0
Colorado.....	1	0	New Hampshire.....	2	0
Idaho.....	1	0	New Jersey.....	4	0
Illinois.....	80	(1)	New York.....	(?)	(?)
Indiana.....	7	1	Ohio.....	(?)	(?)
Iowa.....	12	3	Pennsylvania.....	2	1
Kansas.....	13	9	South Dakota.....	1	0
Maine.....	0	2	Vermont.....	1	1
Massachusetts—Amherst.....	2	0	Washington.....	2	3
Michigan.....	3	3	Wisconsin.....	(?)	(?)
Minnesota.....	(?)	37			
Montana.....	1	0	Total.....	189	155

¹ Included with men.

² Included with women.

³ Not separately recorded.

LIBRARIES

Inadequate libraries were mentioned in the 1926 bulletin. Since then 9,012 volumes have been added, making a total of 64,211 volumes, compared with 55,199 in 1926; \$10,132 was spent for salaries of library staffs, \$9,114 for materials, and \$4,542 for books. Delaware has no library and has not assembled one during the past year. Kentucky, with 900 volumes; Georgia, with 1,200 volumes; Louisiana, with 2,000 volumes; and Texas, with 5,829 volumes; made no additions to their libraries in the past year. Alabama added 200 volumes, Arkansas 100, Maryland 25, Mississippi 75, Missouri 3,700, North Carolina 811, Oklahoma 342, South Carolina 300, Tennessee 1,700, Virginia 784, and West Virginia 800. Alabama, Florida, and Texas raised the appraisal value of their libraries. With 16,000 students using 64,000 library books, the need for additional reference books is clearly an urgent one, and the colleges should recognize the economy of larger expenditures for well-chosen books and library service.

RECEIPTS OF NEGRO LAND-GRANT COLLEGES

Considering percentages only of total receipts, the negro land-grant colleges compare favorably with the institutions attended by white students.

Percentages of receipts from different sources

Source	52 land-grant colleges	17 negro land-grant colleges
	<i>Per cent</i>	<i>Per cent</i>
Federal funds.....	9.8	9.2
State funds.....	50.3	50.5
Private gifts.....	5.4	4.9
Institutional funds (tuition, etc.).....	17.7	7.1
Earnings.....	12.4	22.0
Miscellaneous sources.....	4.4	6.3
Total.....	100.0	100.0

The chief difference is that the 52 land-grant colleges receive more from tuition and fees, while the 17 negro institutions depend more on earnings, such as dormitories, board, etc. A similar comparison is made for expenses:

Percentages of expenditures for different purposes

Purpose	52 land-grant colleges	17 negro land-grant colleges
	<i>Per cent</i>	<i>Per cent</i>
Operation and maintenance:		
Salaries and wages.....	55.2	35.0
Materials and supplies.....	27.3	33.3
Capital outlay:		
Equipment.....	3.9	5.2
Lands, buildings, etc.....	11.0	25.4
Trust funds.....	2.6	1.1
Total.....	100.0	100.0

These figures show that the salaries in negro land-grant colleges are comparatively smaller, and a larger proportion of annual funds was expended on lands, buildings, and physical plant extensions (capital outlay).

Considering the total receipts for all purposes, including capital funds, the negro land-grant colleges received from Federal funds 9.2 per cent. *Federal aid* furnished institutions in the following States over one-fifth of their total receipts: Georgia 38.8 per cent, Maryland 28 per cent, South Carolina 27.8 per cent, Alabama 26.9 per cent, and Mississippi 21.5 per cent. *State funds* provided 51.7 per cent; these funds amounted to over two-thirds of the total receipts for six institutions—Arkansas 78.6 per cent, Missouri 75.8 per cent, Kentucky

71.8 per cent, West Virginia 71.5 per cent, Florida 71.2 per cent, and Oklahoma 67.3 per cent; while institutions in Alabama and Georgia received only a fifth of their money from State sources. Tennessee received over \$167,000 in *private gifts*—nearly a third of its total receipts; and four other institutions in Louisiana, Maryland, Georgia, and South Carolina received small amounts. From *institutional funds* Alabama received 28.3 per cent, Georgia 14.8 per cent, Mississippi 13.2 per cent, and North Carolina 11.3 per cent, while Delaware and Florida received practically nothing from this source. The following colleges derived over one-fourth of their funds from *earnings*: Texas 47.5 per cent, Delaware 43.7 per cent, Mississippi 27.9 per cent, North Carolina 26.5 per cent, and Georgia 25.7 per cent; but Arkansas and South Carolina received only a few hundred dollars from earnings. Virginia listed 41.9 per cent of receipts from miscellaneous funds, without indicating the source. A total of \$778,989 was expended for new buildings, which are listed by institutions in Table 18.

Table 17.—COMPARATIVE SUMMARY of negro land-grant colleges

Professors, students, finances	1916-17 ¹	1921-22	1926-27
I. PROFESSORS AND INSTRUCTORS			
Professors, instructors, and extension workers.....	544	591	823
II. STUDENT ENROLLMENT			
Students in—			
Agriculture.....	2,054		
Trades.....	2,825		
Home economics.....	2,115		
Nursing.....	116		
Other.....	4,242		
Total student enrollment, excluding duplicates.....	11,352	10,028	17,587
Secondary students in the following courses:			
Academic.....		4,263	3,830
Agricultural.....		717	746
Trades.....		2,110	1,554
Home economics.....		1,989	1,512
Nursing.....		99	27
Total, excluding duplicates.....		4,338	3,630
College students in the following courses:			
General.....		402	1,913
Normal.....		517	735
Agricultural.....		177	219
Mechanic arts.....		144	118
Home economics.....		113	478
Nursing.....		50	82
Total, excluding duplicates.....		1,274	3,098
Students in military science.....	1,415	1,319	1,251
III. CERTIFICATES AND DEGREES			
Certificates granted.....			438
Degrees conferred.....			327
IV. LIBRARIES			
Volumes in libraries.....	70,047	40,518	64,211

¹In 1921 the land-grant college in Virginia was changed from Hampton to Ettricks.

Table 17.—COMPARATIVE SUMMARY of negro land-grant colleges—Con.

Professors, students, finances	1916-17	1921-22	1926-27
V. RECEIPTS			
State funds from—			
Endowments granted by State (Georgia).....		\$8,000	
Appropriations for support.....	\$324,626	670,051	\$1,134,244
Appropriations for permanent improvements.....	267,469	530,100	683,982
Total State aid.....	592,095	1,208,151	1,818,226
United States from—			
Land-grant of 1862.....	24,154	24,153	24,153
Other land-grants.....	5,778	5,778	(5,778)
Morrill-Nelson appropriations of 1890 and 1907.....	253,858	251,262	250,900
Total Federal aid.....	283,790	281,193	280,900
Institutional funds from—			
College endowment.....	129,498		
Tuition and fees.....	241,929	52,334	109,984
Board and lodging.....	Included.	545,407	590,058
Departmental earnings.....	49,159	68,514	194,439
Private gifts.....	498,656	56,300	177,914
Total.....	919,242	722,555	1,072,343
Smith-Hughes Act (vocational).....		31,653	57,832
Other sources.....	18,295	245,439	375,502
Grand total receipts of institutions.....	1,813,422	2,488,991	3,604,803
SUMMARY OF RECEIPTS			
Total receipts from—			
Federal funds.....	284,750	313,030	332,854
State funds.....	592,095	1,208,341	1,818,226
Private gifts.....	498,656	56,300	177,914
Institutional funds.....	371,427	735,161	254,465
Earnings.....	49,159	68,514	793,451
Miscellaneous.....	17,335	107,639	237,799
Grand total receipts.....	1,813,422	2,488,991	3,604,803
VI. EXPENDITURES			
Salaries and wages (operation and maintenance).....			1,125,592
Materials and supplies (operation and maintenance).....			1,069,454
Equipment (capital outlay).....			167,584
Lands, buildings, and land improvements (capital outlay).....	No data.	No data.	816,501
Trust funds.....			33,747
Not itemized.....			199,077
Total expenditures.....			3,412,253
VII. VALUE OF PROPERTY			
Buildings and dormitories.....	2,790,792	4,205,871	6,441,200
Farms and grounds.....	586,228	1,408,578	1,634,275
Libraries.....	49,770	49,663	99,271
Apparatus and machinery.....	525,279	472,120	1,327,863
Livestock.....	86,856	104,565	72,803
Land grants and funds.....	479,631	435,430	472,616
Miscellaneous.....	3,067,624	12,924	292,638
Total.....	7,606,180	6,689,151	10,340,608

Table 18.—NEW BUILDINGS and additions to buildings completed during the year in negro land-grant colleges, year ended June 30, 1927

- Alabama.*—Grayson Hall for boys' dormitory—\$25,000.
- Florida.*—New dormitory for housing girls—\$80,000; dining hall—\$5,000; new science hall for classrooms—\$1,000; Paddyfote cottage for residence—\$1,400; mechanic arts department for trades building—\$5,000.
- Kentucky.*—Boiler house for central heating plant—\$7,000.
- Louisiana.*—Laundry addition—\$6,559; dairy barn—\$1,014; agriculture auditorium for science (not completed)—\$28,217.
- North Carolina.*—Dairy barn—\$21,717.
- South Carolina.*—Young Women's Christian Association building for activities—\$10,000.
- Tennessee.*—Hale Hall for women's dormitory—\$135,282; Harned Science Hall for college recitation hall—\$96,416; memorial library for library and administration building—\$70,021.
- Texas.*—Blackshear Hall, dormitory for girls—\$13,289; athletic club house—\$1,611; dining hall extension—\$10,407; warehouse (addition)—\$270; teachers' cottage—\$2,013; farm building (addition) for farrowing house—\$555; miscellaneous small items—\$1,533.
- Virginia.*—Heating plant—\$4,910; refrigeration plant—\$5,200; two dormitories—\$99,560; lands—\$25; gymnasium—\$1,463; sundry equipment—\$11,191.
- West Virginia.*—Gore Hall, dormitory for boys—\$124,836; home economics cottage for practice—\$8,500.
- Total cost of buildings and additions—\$778,989.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 19.—STAFF—Members of administrative and instructional staff in negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	General administration						Resident instruction						Extension service						Grand total			
	Full time staff		Part time staff		Practice school and secondary		Collegiate		Total		Agriculture and home economics		Other extension		Full time		Part time		Men	Women		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
Alabama.....	7	3	3	2	8	8	5	6	8	0	0	2	1	1	13	12	3	0				
Arkansas.....	4	0	0	1	10	10	3	4	10	2	2	5	7	10	10	12	1	0				
Delaware.....	1	1	2	3	8	18	1	4	5	6	10	2	2	0	4	2	5	10				
Florida.....	7	5	1	1	12	11	7	4	20	0	0	1	0	3	28	21	5	10				
Georgia.....	0	2	1	1	16	4	12	6	4	2	3	27	0	27	14	5						
Kentucky.....	4	0	0	0	9	8	14	9	16	13	3	1	1	4	17	16	4	2				
Louisiana.....	3	2	1	2	1	3	18	10	5	8	5	1	1	1	14	13	4					
Maryland.....	4	1	2	1	12	4	7	1	5	2	2	5	2	0	10	4						
Mississippi.....	4	3	3	2	18	7	10	1	22	3	7	1	1	1	22	7						
Missouri.....	2	3	2	1	10	0	14	5	15	9	5	5	5	5	16	9	5	5				
North Carolina.....	3	2	4	0	23	19	19	10	27	11	16	1	1	1	31	11	0	0				
Oklahoma.....	4	4	2	1	10	13	10	13	34	15	3	9	9	4	10	13	10	6				
South Carolina.....	6	9	2	0	18	13	26	9	42	34	1	38	55	1	101	90	10	6				
Tennessee.....	6	6	2	0	7	2	8	5	26	17	2	16	31	6	28	17	2	0				
Texas.....	5	4	5	4	5	8	9	3	25	18	18	23	20	1	49	30	2	0				
Virginia.....	5	7	6	2	11	23	13	18	17	29	5	2	2	1	27	52	3					
West Virginia.....	3	4	2	2	10	7	14	9	19	14	6	1	4	4	29	19	5					
Total.....	64	56	30	13	188	135	193	104	301	210	88	54	142	111	421	342	37	23				

1 Excluding duplicates; includes summer school. See Table 27.

Table 20.—STUDENT ENROLLMENT

Negro land-grant college located in—	Extension students in courses for credit ¹		Correspondence students in courses for credit		Pupils in training schools		Resident students enrolled				In courses of 10 days to 1 year		Total, including summer school ¹					
	Men		Women		Men		Women		College		Total, excluding duplicates		Enrolled 1 month after opening of fall term		Men		Women	
	Men	Women	Men	Women	Boys	Girls	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Alabama							65	182	14	8	138	112	156	142			240	
Arkansas							117	204	7	14	180	93	109	207			374	
Delaware							45	103	0	0	45	44	103	48			143	
Florida	7	203			07	110	183	363	48	70	210	197	323	280			748	
Georgia					86	65	71	136	20	3	226	209	177	206			343	
Kentucky	1	8			41	32	73	234	45	129	161	120	174	177			388	
Louisiana	3	42			42	62	114	204	35	78	391	191	294	207			625	
Maryland							61	57	5	6	57	57	57	57			204	
Mississippi					139	88	156	268	65	24	472	398	199	486			57	
Missouri	15	38			75	77	77	179	78	102	153	136	160	183			304	
North Carolina	455	301			65	65	165	0	103	0	333	322	0	455			268	
Oklahoma					23	21	126	371	69	173	155	104	265	60			301	
South Carolina					215	204	63	317	110	124	334	317	408	161			543	
Tennessee							237	541	118	304	232	222	534	100			821	
Texas					48	37	291	720	182	392	319	286	603	498			1,539	
Virginia	7	120			289	294	305	936	85	277	678	522	829	616			1,615	
West Virginia	11	42			79	139	139	348	173	209	252	238	335	275			600	
Total	499	754	215	108	1,147	1,178	1,723	2,207	1,166	1,922	4,036	3,568	4,676	230	109	5,026	10,985	

¹ Excluding correspondence students. ² For summer school. See Table 27.



Table 21.—ENROLLMENT BY COURSES—DEGREES—Student enrollment by courses and baccalaureate degrees conferred in negro land-grant colleges, year ended June 30, 1927.

Negro land-grant college located in—	Secondary										Collegiate										Total				
	Vocational					Total		Military drill		General		Normal		Agriculture		Mechanics		Home economics		Nursing		Students, excluding duplicates		Graduates	
	Academic	Agriculture	Home economics	Nursing	Trades	Students, excluding duplicates	Graduates (certificates)	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Men	Women	Certificates	Degrees
Alabama.....	208	51	171		71	113	5	22	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Arkansas.....	243	22	119		83	243	5	12	11	22	12	11	11	1	1	2					14	8	3	3	3
Delaware.....	148	26	93		33	138	5	10	4	22	12	11	11	1	2			3	1		7	14	2	2	11
Florida.....	109	7	194	9	112	278	54	33	18	33	18	45	24	11	4	15	2	14	8		43	70	4	4	24
Georgia.....		14	132		144	191	62	23	3	23	18	45	24	11	4	15	2	14	8		50	3	23	24	3
Kentucky.....	148	21	8		38	148	28	129	64	64	35	26	26	4	2			6	1		45	129	93	21	9
Louisiana.....	268	17	152	2	95	268	48	76	9	26	11	11	10	2	2	3		11	10		35	78	21	2	6
Maryland.....	103	8	51		213	103	22	11	2	2	2	2	2	2	1	3		6	6		5	6	2	2	12
Mississippi.....	332	76	16		213	424	53	56	11	11	2	2	34	29	1			4	4		65	24	2	2	12
Missouri.....	182					152	39	150	20	61	2	2	34	29	1			23	23		78	102	34	34	20
North Carolina.....	291	96			279	165	65	49	7	49	21	21	21	42	3	12					103	0	26	26	10
Oklahoma.....	147	10	101	6	75	189	20	47	7	146	21	32	32	22	3	16		13	5		69	172	26	26	10
South Carolina.....	357	157	210		186	357	92	99	18	51	32	32	32	38	6	25	7	30	14		119	124	133	133	76
Tennessee.....	351	51	231		54	351	98	366	59	159	85	0	0	0	0	10	234	234	12	20		118	304	133	27
Texas.....	347	27	1	3	23	380		421	40	40	12	12	12	61	12	4	4	63	4	18	5	182	392	65	65
Virginia.....	454	25			75	569	84	192	42	129	43	43	43	5		10	3	26	12		85	277	73	73	27
West Virginia.....	82	136			68	218	38	291	25	67	18	18	18	5		4	4	45	5		173	209	14	14	37
Total.....	3,830	746	1,512	27	1,554	3,930	731	1,251	1,913	318	735	315	315	219	35	118	16	478	75	52	6	1,166	1,922	438	327

Includes elementary students not counted in total. Includes certificates and degrees.

Table 22.—RECEIPTS



PART III—INSTITUTIONS FOR NEGROES

Table 22. RECEIPTS—For instruction, administration, and permanent improvements in negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	Federal funds		State funds from mill tax levy and appropriations for—		Private gifts	Institutional funds from—				Other sources	Total income ¹
	Land-grant and Morrill-Nelson	Smith-Hughes (vocational teacher training)	Operation and maintenance	Permanent improvements, lands, buildings, etc.		Tuition	Board and lodging	Departmental earnings	Miscellaneous		
	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	\$19,205	\$2,360	\$17,360			\$2,390	\$12,355	\$6,296	\$20,302		\$80,208
Arkansas.....	13,636	839	68,000			3,167		306			86,550
Delaware.....	10,000		21,000				18,420	5,807	221		55,458
Florida.....	25,000	820	78,585	\$237,141		91,231	10,233	3,164	7,266		443,207
Georgia.....	16,666	3,000	10,000		\$500	1,528		1,528	7,215		50,668
Kentucky.....	8,506	2,494	48,494	37,000		7,000	15,308	230			119,032
Louisiana.....	20,171	3,350	57,100	28,055	7,905	772	20,298	5,902	10,978		163,531
Maryland.....	10,000		18,120		1,300	1,640	3,348	1,262			35,670
Mississippi.....	34,914		60,843			285	43,303	2,098	21,224		162,837
Missouri.....	3,125		142,825			7,038	32,551	512	2,354		188,303
North Carolina.....	16,500	2,356	67,356	25,249		14,837	32,025	15,589	5,358		179,260
Oklahoma.....	5,000	2,400	49,250	47,200		3,242	31,008	1,281	3,901		143,262
South Carolina.....	30,754	2,599	111,025	15,000	900	15,967		638		5,750	206,633
Tennessee.....	12,000	2,860	70,000	160,000	167,309	21,846	70,965	11,309	7,187		623,576
Texas.....	12,648	4,817	72,550	34,396		1,419	135,863	99,737	37,196	99,166	496,442
Virginia.....	26,996	5,947	54,236	17,685		21,447		38,792	5,225	122,877	293,205
West Virginia.....	10,001		187,500	82,250		5,648	64,128		24,548		377,081
Total.....	275,122	57,832	1,134,244	683,982	177,914	108,834	590,050	194,439	153,487	227,793	3,004,803

¹ Less refunds; includes all instruction and laboratory fees; excludes athletic, social, and health fees.
² Including \$20,749 from Smith-Lever funds.
³ Veterans' Bureau for rehabilitation.
⁴ Boarding department included.

Table 23.—EXPENDITURES, Part I—Salaries and wages (operation and maintenance) in negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	12
	Adminis- tration and gen- eral	Resident Instruction	General Library	Extension	Experi- ment sta- tion and other or- ganized research	Physical plant, oper- ation and main- tenance	Supple- mentary operations	Dormi- tories and dining hall	Athletics	Medical school hospitals	Total (sal- aries and wages)	
Alabama.....	\$6,025	\$16,377			\$2,919			\$1,976			\$24,278	
Arkansas.....	8,790	28,679									39,088	
Delaware.....	55,882										64,902	
Florida.....	2,275	23,201	\$78		1,720		\$1,236	4,225	\$1,375	\$3,420	28,510	
Georgia.....	7,980	37,090									45,070	
Kentucky.....	5,734	44,718					850				50,452	
Louisiana.....	4,760	16,880									22,490	
Maryland.....												
Mississippi.....	22,210	63,223	2,160			\$7,948		8,125			103,666	
Missouri.....	13,977	48,451	1,500			6,118		9,615	1,781		93,191	
North Carolina.....	8,500	57,430	1,100	\$1,500		12,300	11,749	660			81,490	
Oklahoma.....	12,500	60,000	900	26,499		13,000		3,000			117,899	
South Carolina.....	6,600	40,075						8,601			60,499	
Tennessee.....	15,692	113,910	1,488			12,044		34,795	199		172,894	
Texas.....	14,869	68,156	1,706			7,716		3,148			100,237	
Virginia.....	3,962	103,842	1,200	261		8,013		3,548			120,326	
West Virginia.....												
Total.....	189,776	721,332	10,132	28,200	4,039	69,139	25,972	65,545	7,977	3,420	1,125,692	

† Detailed information not available. See grand total in Part IV.

TABLE 23.—EXPENDITURES, Part II—Materials, supplies, and other expenses of operation and maintenance in negro land-grant colleges, year ended June 30, 1927.

Negro land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	Total (materials, supplies, etc.)
	Admission and general	Resident instruction	General library	Extension	Experimentation and other organized research	Physical plant, operation and maintenance	Supplementary operations	Dormitories and dining halls	Athletics	Medical school hospitals	Total (materials, supplies, etc.)	
Alabama											18	
Arkansas	\$2,028	\$5,080				\$21,025	\$2,510	\$8,570				\$39,273
Delaware	2,180	4,364	840		\$12,384					11		19,908
Florida	42,960											
Georgia	4,413	1,268				6,522		82,251	\$3,060			128,501
Kentucky								7,577	2,361			22,141
Louisiana	222											
Maryland	1,069	1,813		\$1,314		30,919	5,434	16,377				16,899
Mississippi	546					7,746	6,570	29,038				69,587
Missouri	2,415	5,911	1,968			52,903		23,165				14,862
North Carolina	7,436	5,918	303			14,067	6,048	17,337	5,116			86,362
Oklahoma			800			35,098		28,301	2,886			56,126
South Carolina	7,000	5,000	1,000			15,000		1,000	1,660			66,785
Tennessee	4,000					20,985	7,222	68,302	5,834	1,500		32,160
Texas	8,504	38,538	163			56,120	44,823	100,702	4,497			102,843
Virginia	2,866	12,422	377			15,924	1,865	57,514	1,502			34,956
West Virginia	4,520	11,614	4,383			30,820	9,284		9,301			127,455
Total	89,739	91,928	9,114	1,314	12,384	314,038	82,756	430,134	35,917	2,130	1,069,454	

* Detailed information not available; see grand total in Part IV.

Table 23.—EXPENDITURES, Part III—Capital outlay in Negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in	Equipment (capital outlay)										Lands, buildings, and land improvements (capital outlay)		
	1	2	3	4	5	6	7	8	9	10		11	12
Alabama.....													\$13,000
Arkansas.....		\$337	\$526			\$420							8,674
Delaware.....			1,375										
Florida.....		40,980											128,241
Georgia.....													
Kentucky.....			1,044	\$290									22,000
Louisiana.....			427										36,791
Maryland.....		1,848		140		\$980							
Mississippi.....													
Missouri.....			10,984										12,740
North Carolina.....		71	1,570	1,750									25,249
Oklahoma.....													
South Carolina.....		500	5,000										18,962
Tennessee.....		3,482					10,000					500	324,050
Texas.....		2,095	11,372	981			3,015					585	36,794
Virginia.....		83	5,708	1,375									11,191
West Virginia.....			5,772										14,285
Total.....	40,306	44,378	44,378	4,542	429	14,581	5,318	42,823	3,383	167,884	816,501		

1 Detailed information not available. See grand total in Part IV.



Table 23.—EXPENDITURES, Part IV—Grand totals for negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Admin- istration and gen- eral	Resident instruc- tion	General library	Exten- sion	Experi- ment sta- tion and other or- ganized research	Physical plant op- eration and main- tenance	Supple- mentary opera- tions	Dormi- tories and dining halls	Athletics	Medical school hospitals	Physical plant ex- tensions (lands, buildings, and land improve- ments)	Trust fund	Grand total (all expendi- tures, Parts I, II, and III)	
Alabama.....	88,053	\$21,893	\$80		\$15,132	\$21,025	\$2,510	\$13,491			\$13,000		\$90,022	
Arkansas.....	11,287	34,318				12,768		14,642			6,674	\$7,747	75,158	
Delaware.....	26,453							93,717					83,863	
Florida.....	139,422							7,577					372,411	
Georgia.....	6,688	24,469	78		1,720	6,522	1,236		\$5,447	\$4,684	128,241		50,651	
Kentucky.....	8,202	38,734	296					16,377						
Louisiana.....	6,803	46,958		\$1,314		30,919	6,434	22,038			22,000		85,009	
Maryland.....	7,154	16,860	140			8,726	7,420	22,982			35,791		156,267	
Mississippi.....	17,296	64,342				27,593		43,111					41,302	
Missouri.....	24,625	80,119	4,128			60,851		33,046		2,869			145,211	
North Carolina.....	21,494	55,939	3,553										202,768	
Oklahoma.....	8,500	57,430	1,900	1,500		21,671	16,929	27,538	6,897		25,249		176,200	
South Carolina.....	20,000	70,000	1,900	26,499		47,368		28,061	2,596				148,275	
Tennessee.....	14,082	40,075				40,000		8,000	2,661	2,000			190,042	
Texas.....	20,291	163,840	2,662			26,985	11,445	67,903	5,834		18,982		490,374	
Virginia.....	17,838	86,286	3,458			71,179	51,535	142,297	5,281		324,050		492,765	
West Virginia.....	8,482	120,728	5,593	261		23,640	8,253	69,575	6,909		111,159	26,000	283,543	
Total.....	372,660	911,980	23,788	29,374	16,852	438,119	114,046	596,255	50,146	6,684	816,501	33,747	3,412,262	

Table 24.—RECAPITULATION OF RECEIPTS AND EXPENDITURES IN NEGRO LAND-GRANT COLLEGES, YEAR ENDED JUNE 30, 1927

Negro land-grant college located in—	Total receipts										Total expenditures											
	Federal funds		State funds		Private gifts		Institutional funds		Earnings		Miscellaneous receipts		Grand total receipts		Operation and maintenance		Capital outlay		Trust funds		Grand total expenditures	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Alabama.....	\$21,565	\$17,360	\$12,602	3,789	\$18,305	890,208	239,273	82,471	16,399	234,278	52,471	813,000	85,609	890,022	2,475	18,008	2,141	1,940	87,747	148,275	179,200	75,188
Arkansas.....	40,000	21,000	3,789	231	24,227	80,389	18,008	()	30,688	30,688	()	6,674	156,257	156,257	10,000	()	()	3,427	()	148,275	190,042	373,411
Delaware.....	25,320	313,736	443,207	101,661	101,661	53,458	64,002	64,002	28,510	128,501	51,767	128,241	50,651	373,411	19,066	22,141	28,510	()	()	490,374	490,374	373,411
Florida.....	19,066	10,000	7,486	\$500	13,016	50,651	28,510	28,510	28,510	28,510	51,767	128,241	50,651	373,411	19,066	22,141	28,510	()	()	490,374	490,374	373,411
Georgia.....	11,006	85,494	7,000	7,486	15,528	119,032	45,070	45,070	45,070	16,399	1,940	22,000	85,609	202,768	11,006	16,399	1,940	1,940	22,000	179,200	179,200	202,768
Kentucky.....	23,521	85,155	11,750	7,935	35,200	163,531	50,452	50,452	50,452	69,587	3,950	35,791	85,609	202,768	23,521	69,587	3,950	3,950	35,791	148,275	190,042	373,411
Louisiana.....	10,000	18,120	1,640	1,300	4,610	35,670	22,490	22,490	22,490	14,862	()	()	()	41,302	10,000	14,862	()	()	()	148,275	190,042	373,411
Maryland.....	34,914	60,843	21,489	45,391	45,391	162,637	103,046	103,046	103,046	16,399	12,740	()	()	145,211	34,914	16,399	12,740	12,740	()	148,275	190,042	373,411
Mississippi.....	3,125	142,825	9,200	9,200	33,063	188,303	103,046	103,046	103,046	16,399	12,740	()	()	202,768	3,125	16,399	12,740	12,740	()	148,275	190,042	373,411
Missouri.....	18,856	92,608	20,185	47,614	47,614	179,260	93,101	93,101	93,101	56,125	4,665	25,249	85,609	202,768	18,856	56,125	4,665	4,665	25,249	179,200	179,200	202,768
North Carolina.....	7,400	96,450	6,710	32,722	32,722	143,282	81,490	81,490	81,490	66,785	21,001	18,982	85,609	202,768	7,400	66,785	21,001	21,001	18,982	148,275	190,042	373,411
Oklahoma.....	57,353	128,025	15,967	900	638	206,633	85,750	85,750	85,750	32,160	3,482	328,050	85,609	202,768	57,353	32,160	3,482	3,482	328,050	148,275	190,042	373,411
South Carolina.....	14,850	230,000	28,143	167,309	82,274	523,575	60,499	60,499	60,499	102,343	3,482	328,050	85,609	202,768	14,850	102,343	3,482	3,482	328,050	148,275	190,042	373,411
Tennessee.....	17,465	108,946	37,246	37,246	235,650	496,442	172,894	172,894	172,894	253,397	36,794	29,690	85,609	202,768	17,465	253,397	36,794	36,794	29,690	148,275	190,042	373,411
Texas.....	32,943	71,921	20,672	38,792	38,792	263,205	100,237	100,237	100,237	34,956	11,191	111,159	85,609	202,768	32,943	34,956	11,191	11,191	111,159	148,275	190,042	373,411
Virginia.....	10,001	299,756	33,196	64,128	64,128	377,081	120,326	120,326	120,326	127,455	14,285	101,675	85,609	202,768	10,001	127,455	14,285	14,285	101,675	148,275	190,042	373,411
West Virginia.....	332,054	1,818,226	177,914	254,465	793,451	3,004,803	1,125,692	1,125,692	1,125,692	1,099,454	167,884	816,501	85,609	202,768	332,054	1,099,454	167,884	167,884	816,501	148,275	190,042	373,411
Total.....	9.2	50.5	7.1	4.9	22.0	100.0	35.0	35.0	35.0	33.3	5.2	25.4	85.6	202.8	11.3	33.3	5.2	5.2	25.4	148.3	190.0	373.4
Per cent.....	11.3	51.7	7.2	0	21.5	100.0	4.3	4.3	4.3	33.3	5.2	25.4	85.6	202.8	11.3	33.3	5.2	5.2	25.4	148.3	190.0	373.4
Median per cent.....																						

1 Base is \$3,213,178; see above footnote.

2 Detailed information not available.

Table 23. PROPERTY—In negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in	Acres of land		Bound volumes in libraries	Value of library books	Apparatus, machinery, and furniture	Live stock	Campus and grounds	Buildings and dormitories	Endowment	Other property	Basis of inventory	Total
	Campus and farms	Under cultivation										
Alabama.....	187	90	5,200	\$23,000	\$32,000	\$1,800	\$183,000	\$135,375			Appraisal	\$376,175
Arkansas.....	182	132	1,900	4,000	45,000	2,000	55,000	75,000			Cost	181,000
Delaware.....	200	180	2,500	4,577	25,000	4,875	31,000	94,500		\$11,608	Appraisal	154,927
Florida.....	219	70	1,200	1,000	8,000	1,500	150,000	260,500	\$28,000	180,550	do	478,610
Georgia.....	116	100	900	1,150	6,450	3,300	30,000	286,000	\$47,250	4,500	do	462,166
Kentucky.....	300	200	2,000	2,000	9,500	5,000	500,000	375,000			do	387,056
Louisiana.....	500	85	900	750	72,000	3,840	11,000	115,000			do	501,500
Maryland.....	117	375	1,575	2,000	75,000	6,500	10,000	260,000	\$200,871		do	182,000
Mississippi.....	960	98	9,200	8,000	10,000	1,600	80,000	462,500			do	564,951
Missouri.....	98	90	5,106	7,600	275,451	4,000	163,800	520,161		12,092	Cost	562,100
North Carolina.....	128	225	3,140	4,800	87,000	6,275	16,575	233,225			do	983,904
Oklahoma.....	320	85	4,050	3,400	154,150	5,500	75,200	653,903			do	347,875
South Carolina.....	140	140	4,000	10,000	55,550	4,300	100,000	660,000			Appraisal	892,153
Tennessee.....	231	300	5,829	8,112	221,904	9,902	58,275	648,256		83,998	Cost	838,850
Texas.....	1,435	190	8,124	9,784	134,808	6,971	109,625	504,086	\$188,823		Appraisal	1,030,397
Virginia.....	297	34	8,578	8,500	150,000	2,500	49,000	781,757			do	1,045,087
West Virginia.....	49	64,211	64,211	99,271	1,327,993	72,802	1,634,275	6,441,202	472,616	292,638		991,757
Total.....	5,479	2,565	64,211	99,271	1,327,993	72,802	1,634,275	6,441,202	472,616	292,638		10,340,698

¹ Includes \$16,000, other Federal land-grants; \$10,000, other endowment funds.

² Includes \$1,256, land-grant fund of 1862; \$46,000, State appropriation.

³ Includes \$113,575, land-grant fund of 1862; \$96,208, other Federal land grants.

⁴ Includes \$172,156, land-grant fund of 1862; \$16,667, other Federal land grants.

Table 26.—MORRILL-NELSON FUNDS—Receipts and disbursements of funds received under acts of Congress approved August 30, 1890, and March 4, 1907, for negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	Receipts year ended June 30, 1927		Disbursements for instructions in—							Balance unexpended July 1, 1927					
	Appropriation	Total available	1	2	3	4	5	6	7		8	9	10	11	12
Alabama	\$19,205.00	\$19,988.00			\$1,881.08	\$4,986.82	\$1,640.00	\$1,840.00	\$1,650.00	\$6,051.50					\$18,049.40
Arkansas	13,636.36	13,636.36			1,500.00	3,500.00	900.00	1,000.00	2,500.00	3,200.00					13,636.36
Delaware	10,000.00	10,003.24			1,078.98	2,212.22	1,050.00	910.00	1,399.77	2,370.00					10,000.97
Florida	25,000.00	25,000.00			4,510.00	8,880.00	5,060.00	1,960.00	2,740.00	1,850.00					25,000.00
Georgia	16,668.66	16,738.36			2,550.00	7,542.50	1,020.00	900.00	900.00	2,535.00					16,682.50
Kentucky	7,250.00	7,250.00			1,390.00	1,680.00	1,260.00	1,150.00	700.00	1,080.00					7,250.00
Louisiana	20,170.50	20,170.50			2,970.00	3,400.00	4,360.00	2,840.50	3,600.00	3,000.00					20,170.50
Maryland	10,000.00	10,000.00			1,020.00	3,300.00	1,960.00	1,000.00	1,200.00	900.00					10,000.00
Mississippi	28,100.00	28,100.00			6,647.76	5,454.91	4,296.63	1,740.00	3,697.70	5,763.00					28,100.00
Missouri	3,125.00	7,120.50			206.94	1,632.49	138.12	1,740.00	4,601.87	513.90					7,119.52
North Carolina	16,500.00	16,500.00			5,340.00	7,000.00	1,640.00	1,700.00	1,800.00	1,800.00					16,500.00
Oklahoma	5,000.00	5,022.48			4,038.31	1,049.98	577.26	333.32	599.98	954.14					4,998.47
South Carolina	25,000.00	25,612.94			3,402.50	9,749.86	2,124.10	1,746.11	2,099.94	1,827.49					25,000.00
Tennessee	12,000.00	14,069.90				3,465.00	3,600.00	1,350.00	3,375.00	1,900.00					12,000.00
Texas	12,648.50	12,648.50			873.05	4,475.99	742.83	1,468.83	4,542.98	644.82					12,648.50
Virginia	16,666.66	16,666.66				5,400.00	3,800.00	2,000.00	4,066.66	1,400.00					16,666.66
West Virginia	10,000.00	10,001.45			807.98	3,587.37	2,000.00	1,000.00	1,354.68	1,250.00					10,000.00
Total	250,968.68	258,528.89			35,646.60	76,317.14	36,189.44	22,938.76	40,828.58	64,839.85			8,552.54		245,512.91

1 Interest, \$148.50.



Table 27.—SUMMER SCHOOLS—Staff and enrollment in summer schools in negro land-grant colleges (summer of 1926)

Negro land-grant college located in—	Number of weeks in summer session 1926	Instructional staffs		Student enrollment							
		Men	Women	Elementary		Secondary		College		Total	
				Boys	Girls	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	6	5	3			4	58			4	58
Arkansas.....	6	4	6	15	15	8	100	4	55	27	170
Delaware.....	5	2	6							3	40
Florida.....	8	15	9	49	96	21	289			70	385
Georgia.....	6	9	5	10	104	20	75	10	25	40	204
Kentucky.....	6	9	5			8	20	8	134	16	154
Louisiana.....	12	14	3			6	111	10	120	16	231
Maryland.....	6	10	4			4	92	10	34	14	120
Mississippi.....	8	8	2			8	13	22	76	30	89
Missouri.....	6	15	9								
North Carolina.....	6	15	9			53	301			53	301
Oklahoma.....	9	26	11	0	3	23	37				
South Carolina.....	5	18	14			13	75	91	542	102	582
Tennessee.....	12	28	17			13	75	18	215	31	294
Texas.....	12	25	18			41	370	71	628	112	908
Virginia.....	12	14	16	19	403	29	268	151	738	179	1,006
West Virginia.....	9			37	43	9	75	10	201	38	679
Total.....		202	131	130	664	236	1,884	439	3,068	805	5,616

¹ No summer school.

Table 28.—FEDERAL LAND-GRANT FUNDS—Receipts and disbursements from the 1862 land-grant fund, and income from other Federal land grants for negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	Land-grant fund of 1862 for year ended June 30, 1927						Income from other Federal land-grant funds	
	Receipts			Disbursements				
	Balance unexpended July 1, 1926	Income for year ended June 30, 1927	Total	For salaries	For facilities	Total		Balance unexpended July 1, 1927
1	2	3	4	5	6	7	8	9
Georgia.....		\$8,000.00						
Kentucky.....		1,255.00	\$1,255.00	\$1,255.00		\$1,255.00		
Mississippi.....		6,814.50	6,814.50		\$6,814.50	6,814.50		
South Carolina.....	\$2,253.95	5,754.00	8,007.95	1,800.00	6,113.05	7,913.05	\$94.90	\$5,777.77
Virginia.....		10,329.36	10,329.36	10,329.36		10,329.36		
Total.....	2,253.95	24,152.80	26,406.81	23,384.36	12,927.55	26,311.91	94.90	5,777.77

¹ Not included in total; \$8,000 is annual appropriation by the State in lieu of any claim on the 1862 land-grant income.