

DEPARTMENT OF THE INTERIOR  
BUREAU OF EDUCATION

BULLETIN, 1928, No. 14

LAND-GRANT COLLEGES <sup>19</sup>  
AND UNIVERSITIES <sup>16</sup>

YEAR ENDED JUNE 30  
1927

By

WALTER J. GREENLEAF  
ASSOCIATE SPECIALIST  
IN HIGHER EDUCATION



*Page 59*

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## LETTER OF TRANSMITTAL

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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

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## 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 Renssalaer, 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. This 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
<b>I. PROFESSORS AND INSTRUCTORS</b>			
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
<b>II. STUDENT ENROLLMENT</b>			
Total enrollment:			
In institutions attended by white students.....	122,053	204,834	371,049
In institutions exclusively for negro students.....	11,352	10,028	17,587
Total.....	133,405	214,862	388,636
Students in the following regular college courses of study in institutions attended by white students:			
Agriculture (including forestry and veterinary science)....	16,409	15,477	12,710
Forestry.....	347	629	1,011
Veterinary science.....	773	450	520
Home economics.....	5,055	6,090	7,887
Engineering—			
Mechanical.....	4,417	5,012	5,179
Civil.....	2,868	4,842	5,682
Electrical.....	3,256	6,814	8,693
Mining.....	871	1,590	921
Chemical.....	1,505	2,448	2,191
General and unclassified.....	2,351	5,283	6,057
Architecture.....	964	659	1,216
Pharmacy.....	377	1,780	2,784
Students in military science:			
In 52 institutions attended by white students.....	33,704	37,399	51,503
In 17 institutions attended exclusively by negro students.....	1,415	1,319	1,251
Total.....	35,119	38,718	52,754
<b>III. DEGREES CONFERRED</b>			
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
<b>IV. LIBRARIES</b>			
Number of bound volumes—			
In institutions attended by white students.....	3,912,769	5,539,785	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
<b>V. RECEIPTS</b>			
(69 institutions)			
State funds from—			
Endowments granted by the State.....	\$160,766	\$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	11,787,242
Total State aid.....	21,378,962	41,643,418	57,463,142

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

Professors, students, finances	1916-17	1921-22	1926-27
<b>V. RECEIPTS—Continued</b>			
United States funds from—			
Land-grant fund of 1862.....	\$930, 170	\$907, 007	\$1, 028, 288
Other land-grant funds.....	241, 840	353, 890	453, 798
Morrill-Nelson funds.....	2, 515, 171	2, 501, 644	2, 552, 612
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, 398
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, 257
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.....		1 187, 309	1, 269, 259
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.....	596, 334	3, 774, 541	3, 299, 167
Miscellaneous.....	79, 985	989, 746	1, 609, 815
Total for extension service.....	4, 513, 718	16, 189, 671	16, 878, 969
Smith-Hughes funds.....		487, 411	435, 140
Grand total receipts of institutions.....	46, 769, 397	98, 526, 946	136, 680, 675
<b>VI. EXPENDITURES</b>			
(Does not include negro land-grant colleges)			
Operation and maintenance:			
Salaries and wages.....	<sup>2</sup> 57, 748, 878	<sup>3</sup> 62, 301, 999	70, 709, 216
Materials, supplies, etc.....	<sup>2</sup> 26, 068, 181	<sup>3</sup> 28, 491, 488	34, 937, 742
Capital outlay:			
Equipment.....	<sup>2</sup> 4, 037, 890	<sup>3</sup> 4, 411, 912	4, 990, 473
Lands, buildings, and land improvements.....	<sup>2</sup> 13, 230, 027	<sup>3</sup> 16, 221, 796	14, 076, 455
Trust funds.....	<sup>2</sup> 1, 815, 982	<sup>3</sup> 3, 641, 950	3, 427, 879
Not itemized (see footnotes expenditure table).....	<sup>2</sup> 8, 338, 944	<sup>3</sup> 8, 392, 534	
Total.....	<sup>2</sup> 111, 239, 902	<sup>3</sup> 123, 461, 679	128, 141, 765
<b>VII. SUMMARY OF RECEIPTS AND EXPENDITURES</b>			
(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, 965
Private gifts.....	1, 535, 999	4, 544, 796	7, 295, 007
Institutional funds.....	7, 477, 475	17, 468, 310	23, 867, 641
Earnings.....	4, 183, 628	6, 431, 926	17, 317, 341
Miscellaneous sources.....	1, 810, 170	6, 787, 635	6, 075, 696
Total receipts.....	46, 769, 397	98, 526, 946	136, 680, 675

<sup>1</sup> Not included in total.<sup>2</sup> In 1924-25; no data previous to that year.<sup>3</sup> 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
<b>VII. SUMMARY OF RECEIPTS AND EXPENDITURES—Continued</b>			
Total expenditures for—			
Operation and maintenance—			
Salaries, etc.....	No data.	No data.	\$71,834,808
Materials, etc.....			36,007,196
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
<b>VIII. VALUE OF PROPERTY</b>			
(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	223,411,207
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
<b>IX. FEDERAL LAND-GRANT FUNDS</b>			
(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.....	5,773,700	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, 1927<sup>1</sup>

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	( <sup>2</sup> )	8,923.20	424,997.16	( <sup>2</sup> )	\$609,481.69
Arkansas.....	150,000	0	0	132,666.67	0	0	0
California.....	150,000	1,105.64	\$10,810.53	759,957.84	320.00	\$800.00	74,962.27
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	50,523.23	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	141,212.55
Missouri.....	277,067	42,415.00	169,660.00	469,248.14	0	0	122,000.00
Montana.....	138,954	60,598.50	605,985.00	596,337.81	38,224.43	382,244.30	201,654.87
Nebraska.....	90,000	6,356.29	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	58,641.29
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	4 244,248.00	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.....	5 90,000	36,728.15	660,000.00	1,548,460.04	0	0	6 226,196.64
Ohio.....	629,000	0	0	524,176.50	0	0	0
Oklahoma.....	( <sup>7</sup> )		( <sup>8</sup> )		143,674.75	1,745,809.48	1,934,080.04
Oregon.....	89,908	761.52		203,504.04	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.....	5 120,000	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	294,489.33	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	233,086.50
Wyoming.....	89,832	72,258.37	722,583.70	312,416.37	34,426.04	2,000,000.00	1,709,111.86
Total.....	10,598,295	1,560,053.63	6,143,984.18	18,757,593.68	905,576.64	7,562,688.69	8,965,296.46

<sup>1</sup> Alaska, Hawaii, and Porto Rico do not participate.<sup>2</sup> Not available.<sup>3</sup> Minnesota occupational ore tax of \$1,381,488.29 has been deducted.<sup>4</sup> Unsold land from the Ferguson Act and the enabling act not kept separate.<sup>5</sup> Also 40,000 acres additional; statistics are not separated.<sup>6</sup> Virginia military lands.<sup>7</sup> 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.<sup>8</sup> 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 Kinley.
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.....	11,203	3,574	14,777
Extension staff.....	2,938	2,885	5,823
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	52,352	34.0	34.6	6,842	32.4
2. Education (general).....	30	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	8,693	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	792	3.8
9. Miscellaneous courses.....	45	5,035	4.0	3.3	238	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	366	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.....	19	921	.7	.6	169	.8
23. Music.....	14	863	.6	.6	83	.4
24. Fine arts.....	8	814	.4	.5	50	.2
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, 615	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	32	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.....	202	176	26				
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.....	565	591	26
Mississippi.....	411	483	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. Purnell funds (act of 1925).
8. Other Federal funds for agricultural experiment stations.
9. Federal funds for any specific research.
10. Smith-Lever 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. Agricultural 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,

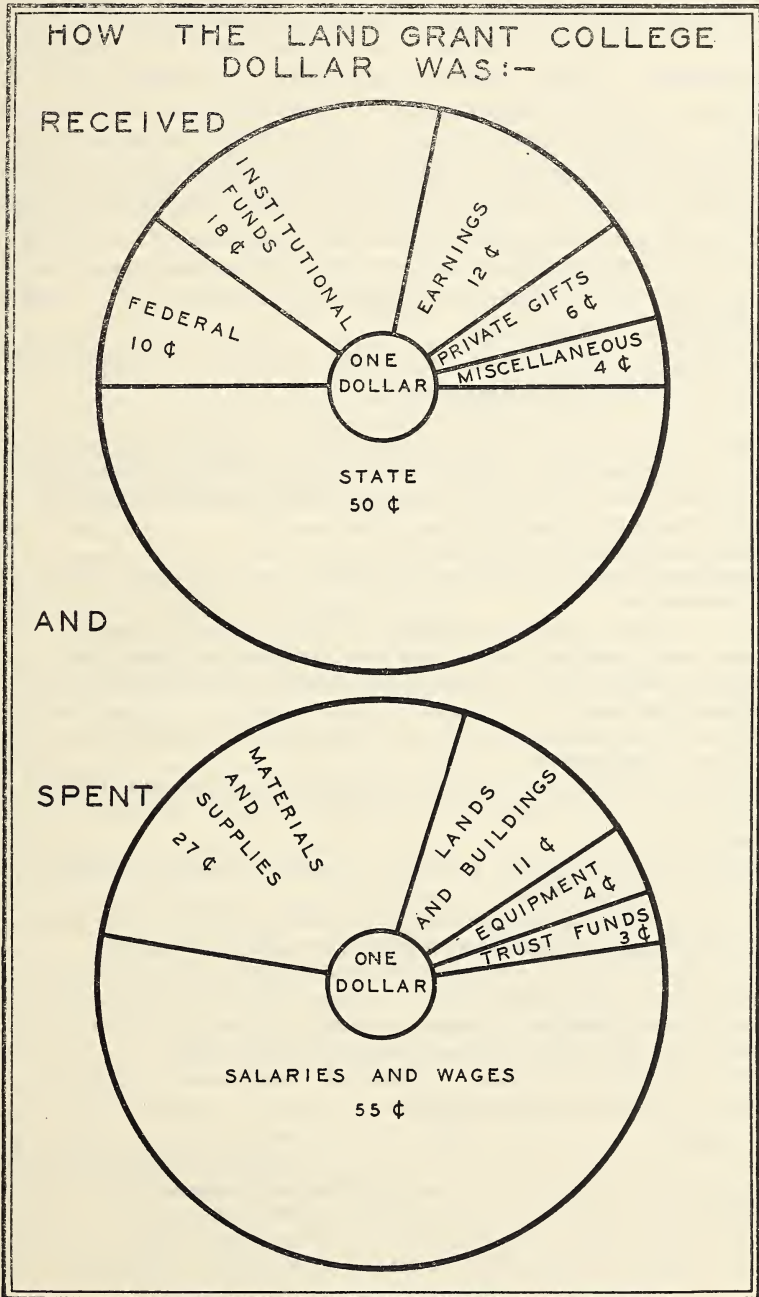


FIGURE 1

\$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: <sup>1</sup>

	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
<b>Total.....</b>	<b>100. 0</b>

<sup>1</sup> 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—Tillson 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 Crookston 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 intercollegiate 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 Chapel—\$285,306; classroom building—\$212,948; Hegeman Hall for dormitory—\$201,464; addition to Voorhees Library—\$145,326.
- 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; Aggieland 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	46	13	25	20	320	340	127	4	472	364
Alaska <sup>1</sup>											
Arizona	12	26	1	0	0	111	98	31	14	142	112
Arkansas	6	37	18	24	61	142	514	33	36	199	611
California	6	262	53			1,793	4,973	1,033	2,159	2,826	7,132
Colorado	11	50	28	14	46	84	222	72	22	170	290
Connecticut <sup>1</sup>											
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	1,600
Hawaii <sup>1</sup>											
Idaho	9	30	4	0	29	90	149	42	16	132	174
Illinois	8	141	17			858	759	370	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			422	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	233
Minnesota	11	745	142	0	0	1,720	2,060	445	287	2,165	2,347
Mississippi	5	23	0	0	0	152	32	3	0	155	32
Missouri	8	94	26	31	70	446	885	338	222	815	1,177
Montana <sup>1</sup>											
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	938	800	264	185	1,422	1,450
North Carolina	6	59	0	181	465	129	62	40	0	350	527
North Dakota	6	26	4	0	0	34	159	10	5	44	164
Ohio	11	234	31	19	10	846	1,026	638	250	1,503	1,286
Oklahoma	9	126	41	65	184	391	842	38	26	494	1,052
Oregon	6	32	30	172	311	152	303	59	71	383	685
Pennsylvania	6	124	55	0	0	752	1,615	116	48	868	1,663
Porto Rico	7	24	20	177	187	154	448	10	30	341	665
Rhode Island <sup>1</sup>											
South Carolina	6	20	0	0	0	68	0			68	0
South Dakota	6	24	7	19	19	36	66	23	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			81	732			81	732
Virginia	11	34	0	0	2	195	29	18	1	213	32
Washington	8	27	4	0	0	86	146	88	34	174	180
West Virginia	11	111	17	0	0	404	498	101	54	505	552
Wisconsin	6	191	47	14	30	1,176	2,028	896	915	2,086	2,973
Wyoming	11	42	35	0	0	1,191	1,089	59	44	250	1,133
Total		3,950	976	2,155	2,657	17,689	28,752	6,069	5,201	25,913	36,610

<sup>1</sup> No summer school.<sup>2</sup> Special music.

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 1		Agriculture, home economics, and county agents		General university extension 1		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					
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	
Alabama.....	8	3	11	1	1	1	99	5	80	11	34	4	103	57	8	1	100	56	9	1	25	0	218	65	9	1	25	0	218	65	
Alaska.....	1	4	2	1	2	1	12	4	8	2	4	2	20	6	11	2	20	5	9	0	18	1	116	31	9	0	18	1	116	31	
Arizona.....	8	8	11	1	1	1	100	27	87	26	17	1	74	47	17	6	74	47	24	7	24	7	133	82	9	0	133	82	13	6	
Arkansas.....	10	10	5	1	2	4	107	24	119	35	166	21	335	36	326	91	102	36	1	0	56	18	45	4	45	4	145	0	1,594	390	
California.....	58	4	1	1	20	1	3,355	315	1,254	335	166	21	78	36	326	91	102	36	1	0	56	18	45	4	45	4	145	0	1,594	390	
Colorado.....	3	1	6	3	29	15	80	24	70	29	30	12	35	7	1	1	36	7	19	2	25	2	19	2	19	2	25	2	133	38	
Connecticut.....	11	3	7	2	2	5	52	9	43	10	14	2	31	14	3	1	25	14	9	0	11	0	9	0	9	0	11	0	91	23	
Delaware.....	4	5	5	0	1	1	53	20	41	25	15	2	9	3	3	6	3	6	3	7	0	9	0	7	0	7	0	239	64	0	0
Florida.....	15	3	1	1	2	2	123	0	142	21	0	0	0	0	7	1	143	85	39	1	7	1	39	1	39	1	7	1	239	64	
Georgia.....	15	4	10	4	2	2	56	13	91	41	0	0	144	91	7	1	143	85	39	1	7	1	216	104	216	104	19	7	216	104	
Hawaii.....	8	10	4	1	1	1	48	7	31	7	17	0	4	2	2	1	1	0	16	5	2	0	16	5	16	5	2	0	56	22	
Idaho.....	7	8	14	3	3	3	101	29	70	18	36	11	34	9	9	3	33	8	13	3	13	3	13	3	13	3	13	3	165	37	
Illinois.....	40	11	2	1	8	10	781	160	584	141	225	35	227	10	227	10	227	10	21	10	3	25	1	71	3	71	3	25	1	716	165
Indiana.....	11	3	3	1	1	1	255	22	227	24	28	1	110	11	4	111	11	111	11	8	25	42	91	8	91	8	25	42	440	46	
Iowa.....	27	24	1	1	20	9	350	89	214	89	161	20	147	32	9	148	32	148	32	42	1	76	42	42	1	42	1	491	137		
Kansas.....	17	10	1	0	7	3	231	85	117	67	121	18	127	20	20	20	94	28	5	3	0	0	12	2	12	2	112	11	350	118	
Kentucky.....	6	2	7	2	2	4	163	36	172	42	0	0	80	20	30	6	104	26	0	0	0	0	48	8	48	8	26	2	326	78	
Louisiana.....	17	19	11	1	4	4	113	32	95	32	30	10	80	23	1	0	80	23	0	0	26	7	25	1	25	1	7	0	230	83	
Maine.....	5	2	11	3	15	1	117	23	93	19	30	6	24	17	1	0	24	17	17	0	17	3	17	0	17	0	4	0	134	43	
Maryland.....	16	8	4	0	7	2	437	44	111	23	334	25	52	26	11	41	26	41	26	9	1	37	9	9	1	37	1	262	102		
Massachusetts: Amherst.....	7	1	2	1	19	2	67	7	75	10	15	3	43	26	7	1	42	25	28	6	7	1	28	6	28	6	1	0	152	42	
Cambridge.....	16	3	1	1	1	1	385	2	369	2	23	0	0	0	0	0	385	2	369	2	0	0	59	3	59	3	4	1	421	5	
Michigan.....	27	18	1	1	38	5	199	47	194	40	43	12	100	17	11	13	106	27	1	1	1	1	50	3	50	3	4	1	371	88	



PART II—INSTITUTIONS FOR WHITE STUDENTS

Minnesota.....	7	1	31	5	119	71	440	67	316	84	344	72	95	23	117	18	98	14	54	9	19	0	162	8	440	98	705
Mississippi.....	15	0	0	0	0	0	76	0	64	0	12	0	85	67	13	4	96	71	0	0	12	5	16	1	187	76	30
Missouri.....	27	23	16	2	5	8	265	49	226	56	62	12	74	17	21	6	75	18	0	0	18	2	51	5	401	105	28
Montana.....	5	3	3	1	15	0	54	23	42	23	20	2	40	14	0	0	37	14	0	0	19	2	20	0	102	41	5
Nebraska.....	20	5	1	1	17	16	275	101	300	126	17	4	60	10	0	0	59	10	4	0	10	0	0	0	390	145	20
Nevada.....	4	2	0	0	0	0	55	14	57	15	1	3	0	0	0	0	0	0	0	0	24	5	3	0	81	18	1
New Hampshire.....	14	1	0	0	0	0	99	16	102	13	7	4	0	0	0	0	0	0	0	14	0	21	0	116	13	28	4
New Jersey.....	15	5	3	0	7	0	148	34	136	49	50	4	44	19	17	1	43	19	5	0	57	7	32	1	251	80	10
New Mexico.....	7	3	0	2	0	0	36	6	17	5	20	3	27	8	8	0	26	8	0	0	1	0	16	0	49	13	2
New York.....	13	3	11	2	0	0	927	51	422	47	533	14	196	63	20	0	0	0	2	0	10	3	118	6	566	165	455
North Carolina.....	24	3	0	0	129	0	75	149	0	0	0	0	111	54	20	7	131	61	2	0	66	0	0	0	352	64	7
North Dakota.....	7	6	12	3	25	8	75	19	40	9	40	11	44	9	0	0	39	8	0	0	19	2	20	1	143	35	6
Ohio.....	17	6	6	1	1	2	712	105	738	115	27	0	116	27	0	0	116	27	0	0	4	0	0	0	875	148	0
Oklahoma.....	14	3	1	1	2	2	115	36	95	42	33	1	91	56	0	0	91	56	34	13	3	0	35	0	225	97	12
Oregon.....	18	2	0	3	6	0	203	59	201	69	11	4	42	7	7	0	49	7	0	0	27	1	0	0	323	178	13
Pennsylvania.....	32	18	2	0	0	20	322	35	335	71	37	5	136	37	3	395	67	158	40	2	31	1	76	0	558	112	130
Porto Rico.....	9	1	3	0	20	0	70	19	93	48	10	1	0	0	0	0	0	0	0	0	0	0	0	0	84	39	10
Rhode Island.....	31	6	13	4	0	0	40	8	28	4	12	4	10	2	1	0	11	2	0	0	11	0	4	1	53	8	17
South Carolina.....	6	2	13	3	25	6	88	1	88	1	10	0	0	0	0	0	47	13	0	0	15	0	15	0	103	1	25
South Dakota.....	8	6	12	3	0	0	291	22	136	33	169	4	83	38	8	1	83	38	36	6	22	3	7	0	228	80	8
Tennessee.....	32	5	0	0	0	0	201	0	206	5	0	0	213	124	0	0	212	124	0	0	88	4	15	0	541	133	1
Texas.....	7	0	10	3	0	0	64	9	57	5	42	7	22	5	7	3	22	8	1	0	8	1	26	0	105	19	5
Utah.....	9	11	7	1	0	0	152	24	100	29	57	4	25	10	0	0	21	10	0	1	10	1	0	0	140	51	80
Vermont.....	9	3	14	1	0	0	100	4	64	1	38	3	128	50	0	0	118	47	0	0	24	1	23	0	246	53	3
Virginia.....	11	19	27	0	0	0	151	37	112	24	44	14	44	11	3	2	45	13	0	18	4	3	19	0	227	63	14
Washington.....	7	1	7	0	2	4	183	37	194	41	0	0	64	21	46	12	82	23	0	0	44	2	7	0	327	67	0
West Virginia.....	27	9	37	6	14	14	507	106	369	103	194	31	106	11	29	9	90	17	11	6	6	0	81	4	652	139	284
Wisconsin.....	15	8	3	3	3	17	60	25	66	46	6	5	22	8	3	0	25	8	0	3	19	1	0	0	125	66	9
Wyoming.....	746	316	353	71	540	253	11,071	988	9,073	2,130	3,166	408	3,247	1,183	1,133	260	3,085	1,147	24	17	74	1,398	50	14,970	3,938	3,590	
Total.....	746	316	353	71	540	253	11,071	988	9,073	2,130	3,166	408	3,247	1,183	1,133	260	3,085	1,147	24	17	74	1,398	50	14,970	3,938	3,590	658

<sup>1</sup> Excluding duplicates; includes summer school. See Table 5.

<sup>2</sup> Excluding correspondence study.

<sup>3</sup> O fths 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* (in-cluding summer-school, Table 6)												
	Extension students in courses for—				Correspondence students in courses for—				Training school pupils				Short courses of 10 days to one year				Mili-tary drill		Secondary		Under-graduate		Graduate school		Resident en-rollment on Oct. 31, 1926		Total* (col-leges 13 to 18)		
	College credit		Non-credit		College credit		Non-credit		Boys		Girls		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	Men	Women	Men	Women	Men	Women	
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	
Alabama.....	183	395	0	0	0	0	0	0	0	1,180	0	0	0	1,478	131	3	1,457	125	1,499	134	1,971	498	1,499	134	1,971	498	1,971	498	
Alaska.....	0	0	0	0	0	0	0	46	38	18	0	0	0	40	32	0	34	22	41	32	87	70	41	32	87	70	41	32	
Arizona.....	73	200	0	133	281	0	0	0	0	965	0	0	0	1,090	650	53	978	564	1,143	700	1,285	812	1,143	700	1,285	812	1,285	812	
Arkansas.....	179	777	0	388	514	225	112	103	46	599	0	0	0	1,986	534	15	8	945	483	1,001	542	1,170	1,061	1,001	542	1,170	1,061	1,170	1,061
California.....	318,962	9,767	5,302	3,379	207	205	6	3,236	198	3	8,351	9,104	804	905	905	8	8,161	8,779	9,143	9,760	10,864	9,760	10,864	9,760	10,864	9,760	10,864	9,760	
Colorado.....	0	0	0	0	0	0	0	0	456	51	8	0	0	806	356	22	702	285	879	367	1,084	602	879	367	1,084	602	1,084	602	
Connecticut.....	0	0	10,116	0	0	0	0	23	0	259	0	0	0	362	139	8	370	140	370	140	370	140	370	140	370	140	370	140	370
Delaware.....	0	9	0	0	0	0	0	0	0	353	0	0	0	378	318	8	382	318	382	318	382	318	382	318	382	318	382	318	382
Florida.....	882	0	464	1,800	0	1,833	0	1,348	0	1,000	16	0	0	1,626	0	33	1,867	0	1,975	0	2,877	0	2,877	0	2,877	0	2,877	0	2,877
Georgia.....	0	0	0	23	11	18	18	1,471	880	633	0	0	0	836	229	14	836	208	845	229	2,854	2,659	2,854	2,659	2,854	2,659	2,854	2,659	
Hawaii.....	15	56	0	0	0	0	0	110	95	248	0	0	0	459	345	14	443	296	475	365	475	365	475	365	475	365	475	365	475
Idaho.....	0	0	0	131	114	4	0	80	43	625	0	0	0	1,168	654	60	1,111	653	1,228	678	1,405	820	1,228	678	1,405	820	1,405	820	
Illinois.....	0	0	121	0	0	0	70	69	0	2,841	0	0	0	8,427	3,182	688	8,624	3,186	9,081	3,393	9,745	3,986	9,081	3,393	9,745	3,986	9,745	3,986	
Indiana.....	165	33,314	993	40	0	0	0	79	0	1,334	0	0	0	2,859	596	108	2,949	557	2,946	610	3,547	751	2,946	610	3,547	751	3,547	751	
Iowa.....	0	0	0	0	0	0	0	132	0	1,410	110	0	0	3,029	1,348	352	3,134	1,348	3,136	1,348	3,579	1,852	3,136	1,348	3,579	1,852	3,579	1,852	
Kansas.....	1	7	0	320	392	420	0	69	1	1,408	19	0	0	2,080	1,076	116	2,022	1,065	2,215	1,139	2,544	1,539	2,215	1,139	2,544	1,539	2,544	1,539	
Kentucky.....	73	837	69	160	282	0	50	32	5	763	0	0	0	1,519	809	96	1,463	741	1,615	870	2,155	1,468	1,615	870	2,155	1,468	2,155	1,468	
Louisiana.....	77	394	0	63	83	0	58	46	0	722	0	0	0	1,303	488	68	1,216	423	1,371	509	1,629	919	1,371	509	1,629	919	1,629	919	
Maine.....	21	61	0	23	16	0	0	0	0	495	8	0	0	1,019	293	35	1,039	309	1,062	313	1,144	442	1,062	313	1,144	442	1,144	442	
Maryland.....	136	18	222	0	0	40	30	0	0	400	2	0	0	2,260	383	89	2,290	379	2,351	393	2,436	715	2,351	393	2,436	715	2,436	715	
Massachusetts:																													
Amherst.....	0	0	0	0	0	138	0	47	6	227	147	18	0	435	96	33	615	120	615	120	666	236	615	120	666	236	666	236	
Cambridge.....	0	0	0	0	0	0	0	0	0	1,200	0	0	0	2,377	82	353	2,630	41	2,630	41	2,944	133	2,630	41	2,944	133	2,944	133	
Michigan.....	59	96	136	11	4	4	0	174	1	1,039	0	0	0	1,806	702	129	1,784	750	1,933	785	2,062	944	1,933	785	2,062	944	2,062	944	
Minnesota.....	3,171	3,147	0	1,048	1,136	0	124	136	167	978	470	0	0	7,045	4,573	889	6,867	3,939	7,469	4,587	9,904	6,802	7,469	4,587	9,904	6,802	9,904	6,802	
Mississippi.....	0	0	0	0	0	0	0	0	0	791	0	0	0	1,222	5	13	1,207	4	1,235	5	1,278	37	1,235	5	1,278	37	1,278	37	

Missouri.....	164	798	0	519	1,129	616	224	240	87	2	1,526	0	0	3,056	1,330	214	146	3,011	1,310	3,270	1,476	3,915	2,409
Montana.....	0	0	0	0	0	0	0	0	12	24	400	0	0	663	272	19	10	589	272	663	272	706	272
Nebraska.....	140	290	483	408	1,329	569	157	265	75	0	1,908	302	353	3,569	2,729	204	174	3,701	2,943	4,075	3,256	4,670	5,062
Nevada.....	0	0	0	0	0	0	0	0	0	0	225	0	0	3,545	350	10	23	5,022	328	5,555	3,733	560	483
New Hampshire.....	5	15	0	0	0	0	0	0	2	0	661	0	0	1,035	430	18	8	1,053	438	1,063	438	1,132	526
New Jersey.....	299	858	4,071	0	1,550	0	0	0	98	7	651	98	0	1,294	886	36	4	1,428	890	1,428	890	1,821	1,473
New Mexico.....	0	0	0	0	0	0	0	0	0	0	151	0	0	181	69	5	3	174	62	186	72	198	136
New York.....	0	0	0	0	1,350	0	0	0	72	6	1,935	0	0	3,820	1,271	530	155	4,350	1,426	4,350	1,426	4,965	2,418
North Carolina.....	40	141	157	20	109	2,542	0	0	92	0	507	0	0	1,347	7	74	0	1,372	0	1,421	7	1,900	534
North Dakota.....	0	0	0	21	54	416	0	0	264	34	527	139	66	721	334	24	10	1,884	410	1,884	410	1,160	549
Ohio.....	129	52	546	0	0	0	0	0	0	0	3,593	0	0	6,680	2,889	586	270	6,544	2,833	7,266	3,159	8,272	4,024
Oklahoma.....	0	0	0	248	517	187	0	0	166	0	1,253	45	0	1,706	994	34	15	1,617	918	1,785	1,058	2,111	1,868
Oregon.....	0	0	0	0	0	0	0	0	140	108	1,253	0	0	2,493	1,219	44	16	2,290	1,130	2,537	1,235	3,060	2,028
Pennsylvania.....	963	4,147	1,286	444	520	5,616	0	0	79	3	1,649	0	0	3,207	549	135	34	3,342	583	3,342	583	3,999	2,170
Porto Rico.....	0	0	68	0	0	0	304	358	1,238	1,506	316	9	70	522	521	26	3	557	594	557	594	867	1,146
Rhode Island.....	0	0	353	0	0	0	0	0	0	0	244	0	0	407	116	4	0	401	115	411	116	411	116
South Carolina.....	0	0	0	0	0	0	0	0	0	0	1,083	0	0	1,137	0	0	0	1,137	0	1,137	0	1,205	0
South Dakota.....	0	0	0	0	0	0	0	0	28	3	552	176	35	575	295	30	9	781	339	781	339	856	428
Tennessee.....	104	188	314	197	202	10	0	0	60	290	530	0	0	1,743	680	31	14	1,774	694	1,774	694	2,333	1,759
Texas.....	48	0	0	0	0	0	36	16	102	0	2,111	17	0	2,332	0	63	0	2,330	0	2,412	0	2,834	62
Utah.....	113	120	0	151	223	0	0	0	0	0	330	61	13	633	426	24	5	572	385	718	444	919	74
Vermont.....	0	0	0	0	0	0	0	0	12	0	384	0	0	712	573	9	6	710	566	721	579	814	1,311
Virginia.....	0	0	0	0	0	0	0	0	34	0	1,040	0	0	1,123	36	45	2	1,145	34	1,108	38	1,247	68
Washington.....	101	353	11	142	167	51	0	0	97	64	935	0	0	1,769	1,050	34	28	1,582	979	1,803	1,078	2,015	1,260
West Virginia.....	0	0	1,283	0	0	0	39	56	35	0	776	0	0	1,853	980	157	79	2,010	1,059	2,010	1,059	2,515	1,611
Wisconsin.....	1,105	2,222	3,134	3,772	4,160	9,494	209	164	195	0	1,487	5	0	4,849	3,043	636	309	5,490	3,352	5,082	3,138	7,744	6,325
Wyoming.....	3	75	0	41,023	0	0	153	164	0	0	247	84	95	590	495	32	15	646	552	706	605	3,319	-----
Total.....	27,201	15,219	64,194	16,387	11,253	28,404	1,801	1,902	6,799	3,104	51,503	2,465	1,180	101,695	47,679	7,046	3,254	103,008	46,942	108,911	50,717	132,922	75,469

1 Excluding correspondence students.

2 Excluding duplicates.

3 Men and women.







Nebraska	19	59	42	159	284	86	31	679	1	244	277	1,712	782	1,389	506	149	162	99	289	146	84	3,569	2,729		
Nevada			38	68	18	28	152	152	0	24	29	679	86	44								555	373		
New Hampshire		46	45	109	37	37	84	321	0	91	15	949										1,053	438		
New Jersey				34	42	11	5	163	0	80	100	1,585									200	1,294	586		
New Mexico			1	3	6	9	58	77	0	36	23	37	37								40	181	69		
New York				351	374	435		1,155	5	744	7	2,059	182								302	3,820	1,271		
North Carolina		80	44	146	243	70	146	728	1	167	354	110									3	1,847	7		
North Dakota			1	1	40	84		125	0	137	102	286	49	171							80	1,947	334		
Ohio		116	122	275	505	198	23	1,496	3	532	338	2,298	103	1,980	1,764		( <sup>9</sup> )	332	229	315	206	6,680	2,889		
Oklahoma		6	78	36	88	216	61	19	10	328	292	449		462	484		( <sup>9</sup> )	24			31	1,706	894		
Oregon			110	112	187	85	45	821	6	305	482			1,461	404		35			225	147	2,493	1,219		
Pennsylvania		82	59	225	386	204	104	1,311	1	441	133	689	77	424	361						183	3,207	549		
Porto Rico			21	85	2	21		129	0	60	28	166	13	13	420		45			73	109	522	521		
Rhode Island			21	31	60	32	69	213	0	21	85	91	100	100							13	407	116		
South Carolina				107	31	15	66	359	578	411	52	33									16	1,137	0		
South Dakota				19	45	5	107	176	0	95	126	214	149	149			9	21		80	10	575	295		
Tennessee			17	103	157	52		328	1	168	104	726	328	242	291		57	96	306	77	27	1,743	680		
Texas			86	234	433	257	75	1,085	0	581	10	265	177				68				146	2,332	0		
Utah		90		57	60	45		162	0	130	113	504	222	222								633	426		
Vermont				142	321	110	29	670	0	63	15	96	242							106	146	712	573		
Virginia			43	50	192	57	24	472	13	205	47	156	1,104								7	1,123	36		
Washington		( <sup>1</sup> )	34	84	161	50	32	388	3	90	( <sup>1</sup> )	128	1,708	319							128	1,769	1,050		
West Virginia			44	84	161	50	32	388	3	90	( <sup>1</sup> )	128	1,708								113	1,553	980		
Wisconsin		( <sup>1</sup> )	121	241	368	171	26	925	2	266	( <sup>1</sup> )	305	4,164	562						251	100	4,849	3,043		
Wyoming			14	49	17	15	4	118	12	62	46	346	139	217						24	112	590	495		
Total	243	1,071	2,191	5,682	8,693	5,179	921	2,108	3,949	29,937	100	11,216	12,751	13,318	1,991	814	863	1,230	3,247	1,702	3,501	2,784	5,085	9,101,851	10,47,755

<sup>8</sup> Included in commerce and business.  
<sup>9</sup> This total includes 156 graduate men.  
<sup>10</sup> This total includes 76 graduate women.

<sup>5</sup> Included in general education.  
<sup>6</sup> Includes all graduate students.  
<sup>7</sup> Includes hotel management.

<sup>1</sup> Included in agriculture.  
<sup>2</sup> Included in architecture.  
<sup>3</sup> Included in arts and sciences.  
<sup>4</sup> Included in mechanical engineering.

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		Music		Journalism			
	First degrees		Masters	Doctors				Masters	Doctors	Masters	Doctors	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	
Alabama.....	11	0				3	11	23	2	5		8	1			21	14	2	21	0							
Alaska.....								0	2																		
Arizona.....	6	0	1	1			3	32	20	11					12	3	26	13									
Arkansas.....	18	0					22	26	39	2					3	0	6	18	1								
California.....	60	2	23	10				528	905	195	45				182	21	197	30	8								
Colorado.....	29	0	4		9	11	28	5	10	8									3								
Connecticut.....	25	0					17	17	11	4																	
Delaware.....	4	0					8	21	15	4																	
Florida.....	16	0	4					16	0	3					7	0	18	0									
Georgia.....	38	0	2		3	2	13	15	0	4					36	0											
Hawaii.....	1	0					1	50	27	3									4								
Idaho.....	15	0	12		15		13	23	41	15					21	4	20	30	11					2	0		
Illinois.....	74	5	15	3			76	186	355	200	48	9	0	259	20	76	145	30	2	54	10			3	12		
Indiana.....	51	0			4		37	44	36	16																	
Iowa.....	119	1	42		10	24	144	45	25	29	12								31	22	0			4	1		
Kansas.....	47	1	422			5	79	32	32	44														3	18	6	
Kentucky.....	27	2	2		1		15	81	79	36					17	0	39	47						0	6	1	
Louisiana.....	13	0	9				8	43	41	4																	
Maine.....	26	0			26		9	35	53	9																	
Maryland.....	27	1	14	1			10	39	16	10	3				2	1	15	10	2	0	3						
Massachusetts: Amherst.....	74	7	5																								
Cambridge.....								32	0	720	14	17	1														
Michigan.....	57	0	11	2	16	8	67	59	42	627	2								2								
Minnesota.....	29	0			25	(8)	60	268	168	135	33				95	17	62	310						0	1		
Mississippi.....	31	0	1				15	15	0	2					5	0	3	0		26	0						

Missouri.....	56	7	14	2	98	67	9 74	10 5	47	15	28	179	58	4	11 4	58	45									
Montana.....	22	0	1	1	11	0	6 1	3	0	3	2	5	3	---	3	---	---									
Nebraska.....	33	0	---	---	45	154	103	5	73	13	29	153	---	---	19 33	11	7									
Nevada.....	3	0	---	---	4	42	28	1	---	---	---	---	---	---	---	---	---									
New Hampshire.....	17	0	3	---	6	69	56	6	---	---	---	---	---	---	---	---	---									
New Jersey.....	13	0	9	3	17	112	98	3	---	---	---	---	---	---	---	---	---									
New Mexico.....	3	0	1	---	10	1	6	---	2	0	---	---	---	---	---	---	---									
New York.....	96	35	13	11	14 25	283	148	10 116	91	20	3	---	---	---	17 4	(15)	(15)									
North Carolina.....	19	0	6	---	19 8	---	---	---	24	2	24	29	2	---	---	---	---									
North Dakota.....	15	0	3	---	21	8	7	---	6	0	---	---	---	---	---	---	---									
Ohio.....	91	2	---	---	71	145	136	---	8	1	167	38	54	247	---	(21)	(21)									
Oklahoma.....	57	0	5	---	39	18	16	---	29	2	14	28	---	---	0	2	---									
Oregon.....	51	1	5	---	78	---	---	6 8	---	---	---	---	---	---	---	---	---									
Pennsylvania.....	93	1	12	---	28	107	22	29	1	6	0	80	1	41	74	9	16									
Porto Rico.....	5	0	---	---	3	38	8	---	---	---	---	---	---	---	7	17	---									
Rhode Island.....	4	0	---	---	14	11	8	---	12	0	---	---	---	---	---	---	---									
South Carolina.....	58	0	---	---	13	0	---	---	7	0	---	---	---	---	7	0	---									
South Dakota.....	16	0	2	---	22	21	14	22 4	8	6	---	---	---	---	---	---	2									
Tennessee.....	22	1	2	---	22	28	51	6	14	1	7	20	2	---	---	---	0									
Texas.....	119	0	10	---	3	14	0	1	20	0	---	10	31	0	---	---	---									
Utah.....	17	0	2	---	18	26	19	23 8	32	5	---	---	---	---	---	---	---									
Vermont.....	8	0	1	---	16	58	65	3	---	---	---	---	---	---	---	---	---									
Virginia.....	13	0	8	---	6	2	---	1	23	1	---	---	---	---	12	1	---									
Washington.....	34	1	3	---	28	68	42	6 6	(15)	(15)	30	41	44 8	---	6	2	3									
West Virginia.....	14	0	5	---	32	145	104	28	---	---	---	---	---	---	---	0	6									
Wisconsin.....	47	1	48	---	(4)	74	333	439	265	93	5	(15)	(15)	---	10	25	3									
Wyoming.....	7	0	2	---	6	13	32	7	---	---	---	---	---	---	2	10	2									
Total.....	1,731	68	327	22	132	93	1,302	3,428	3,414	1,468	352	109	6	1,339	202	584	1,625	229	14	242	105	50	13	70	105	98

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.

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 13 degrees to men in hotel management.

16 Includes 4 degrees of master of architecture and 1 degree of master of land architecture.

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 19 degrees of M. S. in veterinary medicine.

5 Includes 1 degree of M. S. in home economics.

6 Includes 7 degrees of master of architecture.

7 Includes 2 degrees of M. S. in business administration and 6 in journalism.

## LAND-GRANT COLLEGES AND UNIVERSITIES

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		Masters	Doctors	Advanced engineering	Honorary
	Agricultural	Architectural	Chemical	Civil	Electrical	Mechanical	Mining	Miscellaneous	Masters	Advanced	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
1	28	29	20	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	27	54	18											3	0	4	0	206	28	7	0	0	0				
Alaska.....																					5	2	0	0	0	0				
Arizona.....				7	4	6	10	8			9	0									145	52	33	1	0	1				
Arkansas.....		1	7	5	3					1	8	0									77	79	3	0	1	1				
California.....				32	86	27		12	11	1	80	5	49	7	100	4	20	0	7		1,185	1,148	260	±65	11	6				
Colorado.....				11	12	4															81	38	15	0	0	0				
Connecticut.....				7	6	2															42	28	4	0	0	0				
Delaware.....				13	9	6				2	52	0									46	33	4	0	0	0				
Florida.....				5						2							1	0			139	0	7	0	2	1				
Georgia.....				6																	99	13	6	0	0	0				
Hawaii.....				6				3	1												64	28	8	0	0	0				
Igho.....				5	10	1	3		5		8	0									124	88	33	0	0	1				
Illinois.....		21	13	53	54	27	6	346	19	11	66	3	87	3	24	1	25	3	34		1,085	640	263	56	411	0				
Indiana.....				11	71	73	78	11	17								17	2			370	95	42	0	17	0				
Iowa.....		10	6	15	36	57	2	8	23	8											380	171	125	13	68	0				
Kansas.....		6	1	4	19	43	13	2	5	3											208	149	71	0	3	3				
Kentucky.....				15	15	(9)	26	1			18	0									224	143	38	0	1	3				
Louisiana.....				5	14	16	4	11	9		14	0									141	84	28	0	0	0				
Maine.....				9	17	19	15		1	3											142	65	12	0	3	8				
Maryland.....				21	8	6				1	107	7	79	2	90	1	34	1	0	17	428	69	26	4	1	2				
Massachusetts: Amherst.....				370	3120	65	14	132	154	74											74	7	5			10				
Cambridge.....		17	342																		506	4	174	18	74					



PART II—INSTITUTIONS FOR WHITE STUDENTS

Michigan.....	5	23	16	17	1	8	79	1	89	0	194	15	29	8	0	67	201	109	41	4	8	12
Minnesota.....	8	49	71	31	9	0	0	0	0	0	0	0	0	0	0	0	1,071	649	161	34	0	0
Mississippi.....	21	25	13	13	2	2	2	2	2	2	2	2	2	2	2	2	139	0	3	0	2	0
Missouri.....	9	24	19	8	3	20	23	0	20	1	1	1	1	1	1	1	423	320	149	11	20	4
Montana.....	7	5	19	8	3	3	3	3	3	3	3	3	3	3	3	3	76	33	2	0	3	0
Nebraska.....	1	4	20	17	3	3	48	1	47	5	24	0	45	3	0	14	523	421	106	5	3	3
Nevada.....	5	6	5	3	2	2	2	2	2	2	2	2	2	2	2	2	59	32	1	0	2	0
New Hampshire.....	4	7	20	5	7	2	2	2	2	2	2	2	2	2	2	2	131	62	11	0	2	4
New Jersey.....	8	11	5	5	1	10	5	5	5	5	5	5	5	5	5	5	150	110	12	3	10	9
New Mexico.....	1	3	4	4	8	39	39	3	51	8	4	4	4	4	4	4	14	16	2	0	1	1
New York.....	3	71	72	83	8	30	30	3	51	8	8	8	8	8	8	8	758	283	135	91	0	0
North Carolina.....	5	7	22	10	21	2	2	2	2	2	2	2	2	2	2	2	151	2	17	0	0	6
North Dakota.....	2	2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	83	57	6	0	0	0
Ohio.....	14	10	29	26	33	246	75	3	64	1	41	0	15	1	8	0	839	500	207	46	2	46
Oklahoma.....	4	5	4	4	1	1	1	1	1	1	1	1	1	1	1	1	146	87	13	0	0	0
Oregon.....	13	25	38	17	8	11	8	8	8	8	8	8	8	8	8	8	318	166	7	0	0	1
Pennsylvania.....	11	9	40	27	22	49	4	3	29	3	29	3	1	0	0	0	551	126	54	1	3	0
Porto Rico.....	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	68	32	0	0	0	1
Rhode Island.....	3	8	10	12	8	1	1	1	1	1	1	1	1	1	1	1	60	22	2	0	0	1
South Carolina.....	24	29	11	11	8	1	1	1	1	1	1	1	1	1	1	1	158	0	1	0	0	0
South Dakota.....	8	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	84	43	6	0	0	0
Tennessee.....	1	15	8	6	1	1	16	0	51	0	20	0	2	0	0	0	190	95	11	0	0	0
Texas.....	12	26	55	32	16	4	2	2	2	2	2	2	2	2	2	2	328	0	25	0	2	0
Utah.....	15	8	10	12	1	1	1	1	1	1	1	1	1	1	1	1	90	42	11	0	0	0
Vermont.....	6	10	5	5	1	1	1	1	15	1	1	1	1	1	1	1	102	82	4	0	0	4
Virginia.....	3	19	39	17	7	5	5	5	5	5	5	5	5	5	5	5	145	4	9	0	0	4
Washington.....	5	26	9	3	4	2	2	2	2	2	2	2	2	2	2	2	215	134	21	0	2	0
West Virginia.....	7	13	15	7	10	3	36	1	36	1	5	5	5	5	5	5	255	144	36	0	0	0
Wisconsin.....	20	40	55	26	12	2	2	2	65	1	19	6	7	3	1	27	736	634	325	93	2	6
Wyoming.....	4	4	6	1	1	2	2	0	0	0	0	0	0	0	0	0	49	52	11	0	0	0
Total.....	36	114	274	959	1,217	792	169	366	513	164	745	25	289	36	60	178	13,874	7,221	2,554	445	2,104	79

<sup>1</sup> Ph. D. in engineering.  
<sup>2</sup> Includes 1 doctor of public health not before listed.  
<sup>3</sup> Includes degree to 1 woman.  
<sup>4</sup> Includes 3 Ph. D. degrees in engineering.  
<sup>5</sup> Includes 1 Ph. D. degree in engineering.  
<sup>6</sup> Included in column 33.  
<sup>7</sup> Doctors of science in engineering.  
<sup>8</sup> Includes degrees to 2 women.  
<sup>9</sup> Includes 17 master's degrees in medicine not before listed.  
<sup>10</sup> Ph. D. in medicine not before listed.  
<sup>11</sup> Includes degrees to 3 women.  
<sup>12</sup> 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 college located in—	Land-grant fund of 1862 for the year ended June 30, 1927										
	Receipts					Disbursements				Balance remaining unexpended July 1, 1927	Income from other Federal land-grant funds
	2	3	4	5	6	7	8	9	10		
Balance remaining unexpended July 1, 1926	Income on invested funds	Income from rentals, etc.	Interest on deferred payments of purchase money	Total available June 30, 1927	For salaries	For facilities	Total				
Alabama.....	0	\$20,280.00	0	0	\$20,280.00	\$20,280.00	0	\$20,280.00	0	0	0
Alaska 1.....	0	199.30	\$5,741.25	0	5,940.55	5,940.55	0	5,940.55	0	\$27,520.85	
Arizona.....	0	6,633.34	0	0	6,633.34	6,633.34	0	6,633.34	0	0	
Arkansas.....	0	42,870.04	0	\$340.67	43,210.71	43,210.71	0	43,210.71	0	4,583.23	
California.....											
Colorado.....	\$5,110.32	20,322.75	3,926.22	0	29,359.29	25,056.49	0	25,056.49	\$4,312.80	0	
Connecticut.....	3,850.58	6,750.00	0	0	10,600.58	10,600.58	0	10,600.58	0	0	
Delaware.....	0	4,980.00	0	0	4,980.00	4,980.00	0	4,980.00	0	0	
Florida.....	0	12,385.81	0	0	12,385.81	10,965.81	0	10,965.81	1,420.00	3,163.27	
Georgia.....	0	16,954.14	0	0	16,954.14	15,516.98	\$1,437.16	16,954.14	0	0	
Hawaii 1.....											
Idaho.....	30,769.40	27,155.73	4,874.44	7,646.65	70,446.22	22,152.48	36,916.18	59,068.66	11,377.56	70,921.00	
Illinois.....	0	32,450.66	0	0	32,450.66	32,450.66	0	32,450.66	0	0	
Indiana.....	0	17,000.00	0	0	17,000.00	17,000.00	0	17,000.00	0	0	
Iowa.....	0	29,886.75	0	0	29,886.75	29,886.75	0	29,886.75	0	0	
Kansas.....	4,993.39	23,095.07	530.00	0	28,623.46	16,820.02	7,641.17	24,461.19	4,162.27	0	
Kentucky.....	0	8,644.50	0	0	8,644.50	8,644.50	0	8,644.50	0	0	
Louisiana.....	0	9,115.69	0	0	9,115.69	9,115.69	0	9,115.69	0	5,440.00	
Maine.....	0	5,915.00	0	0	5,915.00	5,915.00	0	5,915.00	0	0	
Maryland.....	0	6,831.93	0	0	6,831.93	0	6,831.93	6,831.93	0	0	
Massachusetts: Amherst.....	0	7,300.00	0	0	7,300.00	7,300.00	0	7,300.00	0	0	
Cambridge.....	0	3,650.00	0	0	3,650.00	2,100.00	1,550.00	3,650.00	0	0	
Michigan.....	0	70,713.11	0	0	70,713.11	70,713.11	0	70,713.11	0	0	
Minnesota.....	0	109,565.42	0	5,298.50	114,863.92	114,833.92	0	114,833.92	0	0	
Mississippi.....	0	5,914.50	0	0	5,914.50	5,914.50	0	5,914.50	0	8,476.86	

Missouri.....	0	133.19	0	5,424.46	5,424.46	0	5,424.46	0	7,320.00
Montana.....	2,994.19	7,146.34	4,448.35	20,896.96	20,896.96	0	16,383.38	4,513.58	26,848.04
Nebraska.....	53,044.56	0	0	85,963.60	85,963.60	0	9,272.16	76,691.44	16,459.53
Nevada.....	1,412.10	245.00	404.80	7,576.90	4,470.00	0	4,470.00	3,106.90	2,086.15
New Hampshire.....	0	0	0	4,800.00	4,800.00	0	4,800.00	0	0
New Jersey.....	0	0	0	5,800.00	3,500.00	0	5,800.00	0	0
New Mexico.....	1,862.61	22,427.28	0	28,353.92	25,460.80	0	25,460.80	2,893.12	0
New York.....	0	0	0	34,428.80	34,428.80	0	34,428.80	0	0
North Carolina.....	0	0	0	7,500.00	7,500.00	0	7,500.00	0	0
North Dakota.....	3,468.69	11,128.69	15,438.43	73,889.22	60,109.05	13,720.17	73,889.22	0	0
Ohio.....	4,978.12	0	0	36,428.72	0	23,313.17	23,313.17	13,115.55	13,566.72
Oklahoma.....	2,233.52	0	0	13,172.92	9,900.00	0	9,900.00	3,272.92	110,209.12
Oregon.....	0	0	0	25,000.00	25,000.00	0	25,000.00	0	0
Pennsylvania.....	0	0	0	0	0	0	0	0	0
Porto Rico <sup>1</sup> .....	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
South Carolina.....	0	0	0	5,754.00	5,754.00	0	5,754.00	0	0
South Dakota.....	0	19,520.36	3,899.80	40,439.34	40,439.34	0	40,439.34	0	13,446.47
Tennessee.....	0	0	0	20,000.00	20,000.00	5,100.00	20,000.00	0	0
Texas.....	0	0	0	10,450.00	10,450.00	0	4,538.33	5,911.67	0
Utah.....	0	2,209.15	0	18,419.88	18,419.88	0	18,419.88	0	0
Vermont.....	0	0	0	8,130.00	8,130.00	0	8,130.00	0	0
Virginia.....	0	0	0	20,658.72	20,658.72	0	20,658.72	0	0
Washington.....	5,752.13	2,846.79	0	53,901.90	38,363.94	0	38,363.94	15,537.96	71,614.48
West Virginia.....	735.30	0	0	7,335.30	5,352.86	0	5,352.86	1,982.44	0
Wisconsin.....	0	0	0	11,609.06	11,609.06	0	11,609.06	0	8,785.14
Wyoming.....	2 (455.06)	7,937.46	2,052.26	14,776.45	14,776.45	0	14,776.45	0	57,579.07
Total.....	120,754.85	88,666.17	39,499.46	1,124,890.31	856,618.94	119,993.16	976,612.10	148,278.21	448,019.93

<sup>2</sup> Overdraft subtracted from total.

<sup>1</sup> Does not participate in land-grant fund of 1862.

## 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	5	6	7	8	9	10	11	12	13	14			
Alabama.....	0	0	\$30,795.00	\$30,795.00	\$4,000.00	\$9,000.00	\$2,000.00	\$3,000.00	\$12,795.00	0	0	0	\$30,795.00	0			
Alaska.....	0	0	50,000.00	50,000.00	1,354.98	10,876.71	2,001.65	2,386.94	22,159.54	\$11,220.18	0	0	50,000.00	0			
Arizona.....	0	0	50,000.00	50,000.00	8,300.00	6,000.00	15,500.00	4,200.00	9,250.00	6,750.00	0	0	50,000.00	0			
Arkansas.....	0	0	36,363.64	36,363.64	5,650.90	8,605.36	4,813.00	3,672.58	10,831.80	2,290.00	\$500.00	0	36,363.64	0			
California.....	0	0	50,000.00	50,000.00	12,166.42	11,999.92	0	0	25,500.34	333.32	0	0	50,000.00	0			
Colorado.....	0	0	50,000.00	50,000.00	10,616.61*	10,733.30	6,526.64	4,313.29	11,385.26	6,424.90	0	0	50,000.00	0			
Connecticut.....	0	0	50,000.00	50,000.00	26,583.30	154.20	0	0	21,562.50	1,700.00	0	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	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	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	0	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	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	15,033.34	6,550.00	0	0	50,000.00	0			
Illinois.....	0	0	50,000.00	50,000.00	20,036.22	14,334.89	4,465.03	3,270.00	9,929.98	4,963.78	0	0	50,000.00	0			
Indiana.....	0	0	50,000.00	50,000.00	7,020.00	11,700.00	4,925.00	3,000.00	9,480.00	2,900.00	0	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	13,480.00	3,250.00	2,500.00	0	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	0	50,000.00	0			
Kentucky.....	0	0	42,750.00	42,750.00	6,525.12	11,820.00	4,260.00	5,774.88	14,370.00	0	0	0	42,750.00	0			
Louisiana.....	0	421.64	29,829.50	30,251.14	7,600.00	8,140.00	4,300.00	4,511.14	9,700.00	0	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	3,900.00	1,303.15	0	50,000.00	0			
Maryland.....	0	0	40,000.00	40,000.00	14,369.99	7,000.00	5,335.00	4,725.00	8,195.01	0	0	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	0	33,333.33	0			
Cambridge.....	.12	0	16,666.67	16,666.79	0	10,400.00	3,600.00	1,200.00	1,466.67	0	0	0	16,666.67	.12			
Michigan.....	0	0	50,000.00	50,000.00	10,326.86	17,896.64	6,780.00	3,196.60	8,086.60	3,733.30	0	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	0	50,000.00	0			
Mississippi.....	0	0	21,900.00	21,900.00	6,038.33	7,850.01	1,500.00	1,650.00	4,841.66	0	0	0	21,900.00	0			



Missouri.....	0	18,187.44	3,002.19	1,483.32	1,949.98	22,252.07	0	46,875.00
Montana.....	0	9,517.38	12,974.48	8,774.86	3,900.00	12,450.02	0	50,000.00
Nebraska.....	0	2,316.66	8,425.00	0	0	6,400.00	0	50,000.00
Nevada.....	0	7,400.00	11,416.66	6,950.00	5,083.34	13,550.00	0	50,000.00
New Hampshire.....	0	5,039.96	16,549.93	0	6,790.00	16,886.79	0	50,000.00
New Jersey.....	175.00	7,684.15	6,816.24	9,425.00	6,103.01	16,101.58	0	50,175.00
New Mexico.....	0	9,828.85	15,122.21	4,932.33	5,899.86	9,569.95	0	50,000.00
New York.....	0	7,444.36	20,000.00	1,000.00	1,000.00	19,543.54	1,000.00	50,000.00
North Carolina.....	0	18,750.00	14,750.00	0	0	0	0	33,500.00
North Dakota.....	0	12,844.87	10,072.16	4,805.50	3,449.99	16,338.63	0	50,000.00
Ohio.....	0	15,528.00	23,846.00	0	0	10,625.00	0	50,000.00
Oklahoma.....	0	10,094.90	14,000.00	6,130.10	3,600.00	11,175.00	0	45,000.00
Oregon.....	0	9,843.31	14,105.03	2,640.00	4,511.66	10,310.00	0	50,000.00
Pennsylvania.....	0	7,150.00	16,005.00	12,000.00	0	14,350.00	0	50,000.00
Porto Rico.....	2.05	11,325.00	9,392.22	4,700.00	5,300.00	15,692.97	0	49,060.19
Rhode Island.....	0	6,516.68	10,913.34	6,224.98	3,550.01	17,011.67	0	50,000.00
South Carolina.....	0	3,708.27	9,383.26	2,999.97	2,512.47	5,696.04	0	25,000.00
South Dakota.....	0	9,600.00	11,300.00	6,800.00	6,300.00	16,000.00	0	50,000.00
Tennessee.....	0	7,300.00	14,600.00	0	0	12,500.00	0	38,000.00
Texas.....	0	12,389.13	9,195.86	1,200.00	2,700.00	13,051.43	0	38,536.42
Utah.....	0	2,123.26	12,537.50	10,010.33	8,265.80	12,273.82	4,789.24	50,000.00
Vermont.....	0	9,660.00	27,030.00	0	0	13,310.00	0	50,000.00
Virginia.....	0	4,700.00	10,500.00	2,000.00	3,700.00	10,800.00	0	33,333.34
Washington.....	0	8,623.56	12,634.53	7,087.39	3,854.79	17,799.73	0	50,000.00
West Virginia.....	0	0	40,000.00	0	0	0	0	40,000.00
Wisconsin.....	0	20,000.00	20,000.00	0	2,500.00	5,000.00	0	50,000.00
Wyoming.....	0	0	1,980.00	17,098.30	9,760.00	21,161.70	0	50,000.00
Total.....	361.34	491,945.78	640,018.90	224,030.16	165,784.72	637,369.30	21,092.39	2,300,298.07
						120,056.82		1,483.03



Missouri.....	974	700	291,987	888,316	1,724,963	62,747	897,442	5,017,427	591,248	1,322,079	225,000	Both.....	10,726,222
Montana.....	997	760	32,064	80,160	254,578	14,450	205,305	1,539,901	797,992	0	0	Appraisal.....	2,892,386
Nbraska.....	5,236	1,504	213,000	455,190	708,479	135,990	2,476,395	4,786,660	4,786,660	488,390	488,390	do.....	10,001,633
Nevada.....	338	263	47,119	72,228	223,497	50,000	139,800	988,200	181,348	177,180	0	Cost.....	1,832,253
New Hampshire.....	885	150	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	450	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	197	22,620	60,000	175,000	25,000	45,000	820,000	119,393	404,130	7,500	Appraisal.....	1,156,023
New York.....	1,698	600	761,868	1,154,976	2,700,509	42,085	544,044	10,923,345	688,376	18,716,850	0	Cost.....	31,770,935
North Carolina.....	490	400	26,256	53,588	346,890	25,413	166,867	3,073,761	125,000	0	100,000	Both.....	3,891,519
North Dakota.....	1,743	1,515	41,680	83,360	482,843	35,000	143,710	1,152,500	1,848,460	0	0	Appraisal.....	3,445,873
Ohio.....	1,118	700	300,147	741,728	2,166,045	(*)	3,316,329	8,709,889	750,372	376,672	0	Cost.....	16,061,035
Oklahoma.....	1,000	800	39,692	97,531	587,497	139,715	131,725	1,867,508	0	0	0	do.....	2,823,976
Oregon.....	1,707	415	75,221	208,171	827,665	84,807	708,569	2,862,601	203,504	0	115,931	do.....	5,011,248
Pennsylvania.....	1,812	1,489	103,212	612,726	2,637,197	57,591	186,185	5,844,192	517,000	0	0	Appraisal.....	9,854,891
Porto Rico.....	280	200	17,000	32,000	295,376	3,300	78,675	564,836	0	87,900	0	Cost.....	1,032,087
Rhode Island.....	169	39	24,700	70,000	290,000	12,000	18,000	700,000	50,000	0	0	do.....	1,050,000
South Carolina.....	1,544	495	24,598	57,292	358,857	46,864	362,329	1,346,938	93,900	58,539	0	Appraisal.....	2,326,839
South Dakota.....	807	570	36,900	76,800	477,000	36,000	95,680	1,116,710	738,508	0	0	Both.....	2,540,698
Tennessee.....	1,870	1,363	85,854	198,429	735,075	47,876	1,695,524	2,563,818	400,000	42,315	135,891	Appraisal.....	5,818,928
Texas.....	13,373	2,093	45,187	130,951	1,142,427	153,694	573,078	3,859,301	209,000	0	261,417	Cost.....	6,329,868
Utah.....	187	313	45,555	34,640	179,795	23,877	56,100	1,193,700	294,489	0	0	do.....	1,782,601
Vermont.....	480	150	120,812	185,000	165,000	13,697	100,000	1,670,000	135,000	1,222,985	280,000	Appraisal.....	3,771,682
Virginia.....	980	343	39,000	71,000	594,000	51,800	252,700	2,083,500	344,312	0	152,850	do.....	3,550,162
Washington.....	1,022	1,007	130,000	136,488	425,159	53,125	259,076	1,780,692	2,570,082	0	211,147	Cost.....	5,415,679
West Virginia.....	1,882	585	92,151	186,491	742,104	53,132	1,758,336	4,920,000	113,000	0	212,468	Appraisal.....	7,983,631
Wisconsin.....	1,823	800	357,000	988,075	2,689,246	113,698	1,652,249	8,486,330	536,680	355,267	0	Both.....	14,821,545
Wyoming.....	1,206	350	64,952	170,000	360,000	21,000	366,100	1,750,000	2,021,528	0	18,000	Appraisal.....	4,706,628
Total.....	153,493	42,119	6,996,291	15,276,449	48,940,609	2,544,909	43,887,015	171,448,715	27,071,465	72,065,077	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)	Num-ber	Maxi-mum	Typical (me-dian)	Mini-mum	
																		2
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	\$2,200	\$2,100
Alaska.....	6,000	400	11	3,750	3,500	3,000	2	3,250	3,250	3,250	2	3,250	3,250	3,250	21	4,000	2,800	2,000
Arizona.....	8,000	3,600	4	5,400	5,100	4,900	48	6,500	4,100	3,200	24	4,100	3,200	3,000	21	4,000	2,800	2,000
Arkansas.....	10,000	0	4	6,000	4,250	4,250	40	4,300	3,000	3,000	12	3,000	3,000	2,850	21	3,000	2,500	2,250
California.....	12,000	1,600	22	10,000	7,000	5,000	155	8,000	5,000	4,000	131	5,300	3,300	3,300	177	5,000	3,000	2,700
Colorado.....	8,500	800	2	5,000	5,000	4,500	23	4,100	3,600	3,000	31	3,033	2,750	2,400	34	2,400	2,100	1,800
Connecticut.....	7,500	1,000	2	5,000	5,000	5,000	18	4,750	4,000	3,250	7	3,750	3,750	3,250	8	3,250	3,000	2,500
Delaware.....	7,000	1,500	4	4,400	4,400	4,400	23	3,200	3,200	3,200	8	2,600	2,600	2,600	17	2,200	2,200	2,000
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	2,400	2,000
Georgia.....	8,500	1,500	13	4,000	3,500	3,000	22	4,000	3,500	3,000	24	2,700	2,550	2,400	10	2,300	2,200	2,100
Hawaii.....	10,000	0	1	8,000	-----	-----	22	4,800	4,800	3,600	22	4,800	4,800	3,600	8	3,300	3,000	3,000
Idaho.....	8,500	1,000	1	3,000	-----	-----	38	4,500	3,300	3,000	22	3,000	2,700	2,200	30	3,200	3,000	2,000
Illinois.....	15,000	2,500	2	8,000	8,000	8,000	123	7,500	5,300	3,500	55	6,000	4,000	2,900	108	4,000	3,250	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	31	3,900	2,500	2,200
Iowa.....	112,000	3,000	8	7,250	6,000	2,800	82	7,000	4,500	2,500	88	4,500	3,200	2,300	55	4,500	2,500	1,800
Kansas.....	10,000	1,000	7	5,600	5,000	3,500	79	5,000	4,000	2,700	54	4,000	3,200	2,200	66	3,200	2,200	1,600
Kentucky.....	12,000	1,000	6	6,500	6,000	4,800	70	4,700	3,500	2,000	21	3,750	3,200	2,000	37	3,200	2,600	2,000
Louisiana.....	10,000	1,000	3	4,800	4,800	4,800	53	3,900	4,300	2,540	18	3,900	3,300	2,600	28	3,900	3,050	2,100
Maine.....	7,000	600	1	4,400	-----	-----	35	3,850	3,500	3,000	20	3,000	2,800	2,100	20	2,400	2,100	1,600
Maryland.....	15,000	0	14	7,500	6,000	3,500	67	7,500	3,600	2,000	27	3,800	2,700	2,440	35	3,000	2,500	1,680
Massachusetts:																		
Amherst.....	7,500	1,500	5	5,500	5,000	4,000	21	4,500	3,720	2,620	11	3,900	3,300	3,000	25	2,940	2,700	2,160
Cambridge.....	12,000	1,000	6	7,000	6,000	4,500	42	5,500	5,000	3,500	56	4,500	3,500	3,060	63	3,600	2,820	2,400
Michigan.....	18,000	2,000	15	8,000	6,500	5,000	156	6,000	4,500	3,000	77	5,300	3,600	3,000	163	4,500	2,700	2,000
Minnesota.....	4,800	600	6	3,800	3,800	3,800	28	3,800	-----	3,450	28	2,900	2,900	2,150	18	1,950	1,950	1,950
Mississippi.....	12,500	2,500	12	9,100	6,500	4,500	86	6,000	4,500	3,000	39	4,500	3,000	2,400	80	3,600	2,500	1,800
Montana.....	6,500	0	2	5,000	4,500	4,200	35	4,800	3,700	2,500	9	3,800	3,000	2,500	30	3,600	2,600	2,300
Nebraska.....	8,400	1,200	12	6,500	5,500	3,600	83	5,000	4,000	2,700	43	4,000	3,000	2,200	41	3,500	2,500	1,250
Nevada.....	12,000	0	7	6,000	4,200	4,000	24	4,500	3,600	3,000	10	3,000	2,700	2,700	10	2,500	2,200	1,500
New Hampshire.....	9,000	1,100	4	4,600	-----	3,000	25	4,000	3,700	3,100	6	3,400	3,200	2,900	23	3,100	2,200	1,900



New Jersey.....	15,000	1,200	7	10,800	6,500	5,500	36	6,000	4,000	3,500	16	4,500	3,500	2,500	31	4,250	2,750	2,300
New Mexico.....	8,000	600	2	3,800	-----	3,500	21	3,000	3,000	3,500	2	2,900	-----	2,400	10	2,700	2,300	1,900
New York.....	20,000	2,500	13	12,000	-----	6,000	255	10,000	3,000	2,500	23	3,800	3,000	1,200	171	5,000	2,000	2,500
North Carolina.....	8,500	1,500	14	6,000	-----	3,000	31	4,500	-----	3,000	7	3,300	3,000	2,400	26	3,200	2,000	2,000
North Dakota.....	7,500	2,500	2	4,000	4,000	3,600	33	4,000	3,300	2,600	-----	3,300	-----	2,800	15	3,000	2,600	2,200
Ohio.....	10,000	( <sup>1</sup> )	14	7,500	6,500	5,250	200	6,500	4,500	3,000	-----	3,200	3,000	2,200	128	5,500	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	2,200	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	3,600	3,200	2,400	51	3,400	2,600	2,000
Pennsylvania.....	15,000	1,500	6	9,500	6,500	6,000	85	5,000	3,800	2,500	58	3,600	2,900	2,300	85	3,500	2,600	1,900
Porto Rico.....	7,500	2,500	3	6,200	-----	3,100	23	3,600	3,600	2,500	1	3,000	-----	-----	19	3,000	2,700	2,070
Rhode Island.....	6,000	1,800	-----	-----	-----	-----	17	3,400	3,300	3,000	-----	2,500	2,400	2,000	6	2,700	2,600	2,300
South Carolina.....	9,000	360	6	4,750	-----	3,500	29	4,000	3,400	2,500	18	3,800	3,000	2,200	10	2,400	2,000	1,800
South Dakota.....	7,500	1,000	2	5,000	-----	2,600	31	4,000	3,400	2,500	10	3,300	3,000	2,200	27	3,000	-----	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	3,500	2,100	20	2,750	2,500	2,000
Utah.....	6,000	-----	9	4,300	4,000	2,400	19	3,900	3,100	2,900	18	3,100	2,500	2,200	17	2,600	2,200	1,900
Vermont.....	10,000	2,000	5	5,000	5,000	1,800	52	3,600	3,400	3,200	14	3,000	2,800	2,400	42	2,400	2,000	1,800
Virginia.....	7,500	800	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
Washington.....	12,000	1,500	10	5,000	4,000	3,600	29	4,500	3,300	2,200	13	3,500	3,000	2,450	33	3,300	2,500	2,000
West Virginia.....	9,000	3,000	6	6,500	-----	-----	66	5,000	5,000	-----	25	3,500	-----	-----	39	2,700	-----	-----
Wisconsin.....	20,400	2,400	4	7,500	5,750	4,000	135	9,000	6,000	4,000	73	4,750	3,750	3,100	96	4,250	3,000	2,100
Wyoming.....	10,000	1,500	6	5,280	5,000	4,170	26	4,284	3,660	3,240	9	3,360	3,000	2,616	22	3,400	2,400	2,244
Total.....	516,100	65,000	328	5,500	5,000	4,000	2,867	4,500	3,700	3,000	1,300	3,500	3,000	2,400	2,226	3,050	2,500	2,000
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	295	3,050	2,500	2,000

<sup>1</sup> Salary for 1926.

<sup>2</sup> House for president in addition to salary.

<sup>4</sup> House and use of auto for president in addition to salary.

<sup>3</sup> Salary for 1926.

<sup>2</sup> House for president in addition to salary.

<sup>4</sup> House and use of auto for president in addition to salary.

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

Land-grant college located in—	Federal funds		State funds from—				Private gifts for—		Institutional funds from—					Total
	Land-grant and Morrill-Nelson funds	Smith-Hughes funds	State endowment	Mill-tax levy and appropriations for—		Current expenses	Perma-nent im-prove-ment and en-dow-ments	Interest on college endow-ment	Tuition and fees, less refunds	Charge for board and lodging	Depart-mental earnings	Veterans' Bureau for reha-bilita-tion of soldiers	From other sources	
				Current expenses	Perma-nent im-prove-ments									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Alabama.....	\$51,075	\$7,404	\$7,404	\$102,500		\$5,920			\$131,011	\$16,678	\$50,587	\$7,214	\$126,360	\$506,153
Alaska.....	50,000			38,230					1,075	2,288			4,314	95,907
Arizona.....	73,124			1,657,290		626			97,406	100,837	7,220	3,733	119,252	1,059,488
Arkansas.....	42,997		( <sup>1</sup> )	600,951		\$379			77,032				17,853	1,068,123
California.....	97,794		15,325	4,891,226	\$325,000	246,223	1,878,707	\$376,778	1,452,389	38,707		( <sup>2</sup> )	923,514	10,659,551
Colorado.....	74,259		11,448	326,832	124,315				32,819		58,976	4,070	15,326	659,493
Connecticut.....	56,750		5,310	225,000	131,349			5,178	75,352	111,414	248,950		22,409	887,022
Delaware.....	44,980		5,300	160,500	235,000	4,511		20,903	66,551	120,161	16,628		16,628	729,834
Florida.....	40,549		5,000	437,634		2,500			103,707	110,075	57,174	10,002	115,779	882,420
Georgia.....	48,287		10,903	110,000					56,239	41,456			2,171	346,390
Hawaii.....	50,464		991	202,062	5,790			265	12,573	24,431	17,208		8,827	322,601
Idaho.....	159,119			467,163	75,000				45,336	86,227	62,091		7,356	902,292
Illinois.....	82,540		15,790	3,602,468	1,797,058	20,349		7,000	807,580	148,151	356,695		38,906	6,876,658
Indiana.....	69,567		22,967	1,030,000	104,624	57,378			265,575	1,569	203,994		195,384	1,998,525
Iowa.....	79,887		20,084	1,806,207				10,748	359,133	107,895	359,468		75,000	2,938,506
Kansas.....	73,625		6,502	930,250	240,000				208,646	78,622	268,885	331	101,315	1,915,801
Kentucky.....	51,395		12,457	874,610	78,000			1,700	145,172	69,113		239	13,801	1,255,964
Louisiana.....	44,385		4,544	528,639	253,013				69,857		66,838		113,977	1,681,083
Maine.....	55,915		1,231	340,000	60,000			26,947	164,827	118,265	73,206			846,083
Maryland.....	46,832		15,244	352,240	480,000	11,868			493,246	129,617	209,728	663	459,996	1,914,678
Massachusetts: Amherst.....	40,633		3,313	692,015	24,912				\$ 52,551	\$ 143,304	\$ 86,445		22,041	1,065,214
Cambridge.....	20,317								875,000	153,000			128,000	4,402,917
Michigan.....	120,713			1,462,337	739,331		1,322,600	1,599,000	258,465	29,159	348,662		2,363	2,963,245
Minnesota.....	180,739		21,137	3,709,468	602,118	305,000		2,215	894,890	409,157			1,233,192	7,848,391
Mississippi.....	36,286			235,691				397,754	56,281	171,547	255,726		37,092	792,623

Missouri.....	98,766	18,532	58,648	1,467,569	63,445	6,420	158,917	27,054	420,694	61,932	250,839	10,138	429,654	3,072,608
Montana.....	94,771	4,637	2,240	211,258	96,939				32,947	15,419	46,502			504,693
Nebraska.....	99,379	11,350		1,750,000	450,000			249	443,145	114,332	562,007			3,430,462
Nevada.....	58,251			184,452	41,368	18,000	100,000	7,856	42,403	49,120	26,565		35,807	563,822
New Hampshire.....	54,800	2,805		327,257	274,226			33,509	162,478	175,290	71,500	789	113,984	1,219,443
New Jersey.....	55,800	8,802	8,802	702,199	417,829	23,224	1,584,304	110,675	374,305	388,499			38,748	3,773,277
New Mexico.....	75,844	1,439	1,439	55,000				7,452	7,070	13,362	35,168			196,774
New York.....	84,429	23,499	27,034	1,147,989	85,423	364,482	118,670	1,014,470	1,408,920	710,947	710,551		232,727	5,928,541
North Carolina.....	41,000	399,999		1,147,989	163,127				167,188	176,079	67,417	1,280	127,339	1,149,039
North Dakota.....	120,421	10,657		( <sup>1</sup> )	( <sup>1</sup> )				26,949	22,560	9,181			1,189,768
Ohio.....	95,017			2,788,660	581,607	15,744	3,594	20,401	556,159	110,913	206,291		718,491	5,096,807
Oklahoma.....	177,000			599,208	157,250		2,825		31,276	30,268	120,607	94,739	68,177	1,281,350
Oregon.....	60,939	5,827		1,191,688					165,528	148,145			7,046	756,069
Pennsylvania.....	76,020	33,529	33,529	901,746		12,882	598		579,598	133,707	449,364		11,555	1,579,173
Porto Rico.....	850,541		2,239	322,219			3,395		37,458		19,154		6,698	2,232,508
Rhode Island.....	52,500			131,558	600,000			972	15,490	103,867	35,633		15,312	955,332
South Carolina.....	30,754	( <sup>2</sup> )		303,841	15,000			3,512	22,457	215,958			64,547	656,319
South Dakota.....	103,885	8,337		348,600	173,833				57,400	17,788	69,202	1,187	5,087	785,000
Tennessee.....	58,000	13,834	8,383	745,595	6,627	4,550	103,393	1,340	184,534	78,452	143,703		280,895	1,348,411
Texas.....	47,950	5,130	5,130	934,103	383,500				85,086	500,457	351,025			2,598,876
Utah.....	68,420	2,808		193,927		3,399			53,256		11,576	138	11,856	345,430
Vermont.....	58,130	5,377		89,600				43,644	270,836	55,598			147,292	670,477
Virginia.....	53,992	3,963	5,963	235,983	128,200				53,915	219,682	307,163	1,071	48,472	1,060,404
Washington.....	147,435	3,492		940,388	276,814				138,651	58,461	98,933			1,664,174
West Virginia.....	46,600	18,000	10,692	820,000	325,000				183,036	115,068	55,211		29,524	1,603,131
Wisconsin.....	70,394			3,086,844	1,311,492	107,571	37,197		821,591	514,236	738,703		357,148	7,045,176
Wyoming.....	143,510		4,409	334,946	232,570		1,009	173	58,663	64,935			48,724	888,939
Total.....	3,816,670	377,308	464,264	44,077,392	11,103,260	807,385	5,768,780	3,719,785	13,204,286	6,306,748	7,714,007	135,825	6,599,979	104,095,669

<sup>1</sup> Including \$4,126 for delinquent taxes 1921-22.

<sup>2</sup> Included in column 5.

<sup>3</sup> Included in column 5.

<sup>4</sup> One-third of appropriation for triennium 1925-27.

<sup>5</sup> Funds returned to State; not available for institutional expenses.

<sup>6</sup> \$14,194 of this returned to State; not available for institutional expenses.

<sup>7</sup> Biennial State appropriation, 1925-27, shown in 1926 report.

<sup>8</sup> Including interest.

<sup>9</sup> This money and State money to match disbursed by State board of education.

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		
	2	3	4	5	6	7	State funds	From other sources	Total	State funds	From other sources	Total
Alabama.....	60,000	\$41,630	\$13,167	\$9,839	\$124,636							
Alaska.....												
Arizona.....	60,000	15,000	16,485	689	76,485							
Arkansas.....	60,000	516,136	93,223	16,814	686,173		(1)	491	491		\$2,779	\$2,779
California.....	60,000					\$100,095				\$22,500	7,441	29,941
Colorado.....	60,000	93,080	31,303		184,383		\$11,000		11,000			
Connecticut.....	31,000	32,000	17,907		80,907							
Delaware.....	59,295	18,500	15,456		93,251							
Florida.....	60,000	231,588			291,588	41,722		58,280	58,280	2,500		2,500
Georgia.....												
Hawaii.....		15,836	31,563		47,529					13,643	10,083	23,726
Iaho.....	60,000	24,986	14,194		99,180					11,989		11,989
Illinois.....	60,000	420,915	57,651		538,566	9,762	90,566	2,958	93,524	36,119	52,428	88,547
Indiana.....	79,820	228,200	122,186		430,206			28,771	28,771	15,000	194,212	209,212
Iowa.....	57,965	265,000	44,357		367,322		58,000	2,316	60,316	47,500		47,500
Kansas.....	60,000	83,700	41,293		184,993	6,000	3,250	2,860	6,110	16,000		16,000
Kentucky.....	60,000	149,000	159,592		368,592	25,000			7,000	25,000		25,000
Louisiana.....	60,000	40,000	16,336		116,336		3,050		3,050			
Maine.....	60,000	38,000	25,243		123,243							
Maryland.....	60,000	78,770	34,422	2,475	175,667							
Massachusetts: Amherst.....	60,000	103,249	12,102		175,351	3,858						
Cambridge.....												
Michigan.....	60,000		32,787		62,787							
Minnesota.....	60,000				60,000					60,000		60,000
Mississippi.....	77,343	98,973	12,761		189,077					60,000	4,575	64,575



Missouri.....	60,000	94,883	181,733	14,487	728	15,215	1,051	1,051	
Montana.....	60,000	36,439	215,264	-----	3	3	776	776	
Nebraska.....	60,000	78,427	138,427	-----	-----	-----	-----	-----	
Nevada.....	60,000	4,446	69,260	-----	-----	-----	-----	-----	
New Hampshire.....	60,000	4,500	88,233	-----	-----	-----	-----	-----	
New Jersey.....	60,000	92,891	443,512	-----	-----	-----	-----	-----	
New Mexico.....	60,000	7,500	79,569	-----	-----	-----	-----	-----	
New York.....	60,000	535,231	595,231	-----	-----	-----	15,438	15,438	
North Carolina.....	60,000	15,784	138,122	-----	-----	-----	-----	-----	
North Dakota <sup>1</sup> .....	60,000	102,220	170,220	( <sup>2</sup> )	-----	-----	-----	-----	
Ohio.....	60,000	14,407	104,407	-----	-----	11,162	81,153	81,153	
Oklahoma.....	60,000	30,000	101,639	-----	-----	-----	-----	-----	
Oregon.....	60,000	79,500	191,639	-----	6,441	6,441	45,500	45,500	
Pennsylvania.....	60,000	3,000	83,325	-----	-----	-----	74,226	74,226	
Porto Rico.....	-----	-----	-----	-----	-----	-----	-----	-----	
Rhode Island.....	60,000	6,418	66,418	-----	-----	-----	-----	-----	
South Carolina.....	60,000	50,705	218,138	-----	-----	-----	-----	-----	
South Dakota.....	60,000	57,920	141,394	-----	-----	-----	-----	-----	
Tennessee.....	60,000	17,168	80,835	-----	-----	-----	-----	-----	
Texas.....	60,000	303,225	470,146	-----	2,000	2,000	-----	-----	
Utah.....	60,000	65,125	145,450	-----	-----	-----	-----	-----	
Vermont.....	60,000	-----	60,000	-----	-----	-----	-----	-----	
Virginia.....	60,000	85,603	169,732	-----	-----	1,820	-----	-----	
Washington.....	62,826	19,607	147,478	-----	36	36	5,021	5,021	
West Virginia.....	60,000	95,500	210,138	-----	-----	-----	-----	-----	
Wisconsin.....	50,000	54,156	636,553	-----	-----	-----	32,514	32,514	
Wyoming.....	60,000	40,217	104,735	-----	-----	-----	-----	-----	
Total.....	2,758,249	4,398,922	9,544,692	326,393	314,900	510,235	489,041	288,007	777,048

<sup>1</sup> See footnote 2, Part I.    <sup>2</sup> Funds returned to State, not available for institutional expenses.    <sup>3</sup> Biennial State appropriation, 1925-1927 (\$265,400), shown in 1926 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 regulatory service	Grand total (receipts of institutions for all purposes)
	Federal funds (Smith-Lever and others)					Total					State funds	Other funds	Total		
	2	3	4	5	6	7	8	9	10	11					
Alabama.....	\$203,202	\$162,500	\$45,288	\$28,993	\$439,983		\$18,712	\$18,712	\$7,000					\$1,301,500	
Alaska.....														95,907	
Arizona.....	32,701		23,617	256	56,634		15,681	15,681						1,211,588	
Arkansas.....	163,576	95,000	1,160,242	1,5,056	423,874	(c)	17,008	17,008						1,606,466	
California.....	125,061	344,946	1,181,167		651,174	\$50,000	260,434	260,434						12,237,273	
Colorado.....	61,101	50,000	50,166		161,267									1,016,143	
Connecticut.....	56,680	79,000			135,680		6,338	6,338						1,110,536	
Delaware.....	20,742	10,741		749	32,232		414	414						862,124	
Florida.....	138,777	14,817	136,749		290,343		32,500	32,500						1,580,117	
Georgia.....	237,780	165,250	1,188,978	22,340	614,348		51,984	51,984						1,012,722	
Hawaii.....							14,800	14,800						414,256	
Idaho.....	40,696	48,309			89,005									1,102,066	
Illinois.....	228,496	1,111,269	1,107,197		446,992		56,107	56,107						8,044,287	
Indiana.....	172,944	152,087	84,961	70,045	480,037		36,500	36,500						3,349,781	
Iowa.....	170,596	190,596			361,192									3,711,336	
Kansas.....	130,962	114,500		1,242	246,704		14,957	14,957						2,384,565	
Kentucky.....	197,342	142,241	102,202	3,890	445,675		15,291	15,291						2,085,521	
Louisiana.....	169,164	93,331	116,000		378,595		28,000	28,000						1,671,648	
Maine.....	39,218	49,218			108,436		39,173	39,173						1,080,812	
Maryland.....	70,964	101,520			172,484		6,449	6,449						2,342,730	
Massachusetts: Amherst.....	31,244				31,244		84,255	84,255						1,438,665	
Cambridge.....														4,402,917	
Michigan.....	159,914				159,914									3,215,946	
Minnesota.....	150,319	118,500			268,819		116,198	116,198						8,915,872	
Mississippi.....	172,905	162,905	129,436	2,076	467,322		947	947						1,474,644	

Missouri.....	200,921	80,360	133,458	15,177	429,916	24,236	50,073	74,309	3,774,832
Montana.....	49,597	98,157			147,754				868,490
Nebraska.....	103,618		46,293	13,044	103,618	50,000		50,000	3,744,484
Nevada.....	30,503	7,199	7,200		97,039		2,135	2,135	758,702
New Hampshire.....	27,180	30,000			70,360	32,510		32,510	1,410,546
New Jersey.....	80,774	96,785	1,149,082		326,641	10,000	42,345	52,345	4,595,775
New Mexico.....	41,036	36,710	36,710		77,746	53,564	1,300	54,864	414,953
New York.....	197,851	397,661	629,203	28,111	1,252,826	31,966	31,966	31,966	7,824,002
North Carolina.....	227,356	175,000	183,397	20,233	1,605,986				1,893,147
North Dakota.....	68,694	( <sup>4</sup> )	27,446	1,505	97,645		1,375	1,375	459,008
Ohio.....	228,775	257,368	1,168,775	223,396	709,539				5,898,661
Oklahoma.....	166,423	130,000			465,198				1,850,955
Oregon.....	51,225	126,701	86,638		263,564	2,500	21,250	23,750	2,110,067
Pennsylvania.....	336,987	320,609		250	657,846		167,689	167,689	3,141,368
Porto Rico.....									515,930
Rhode Island.....	11,568	918			12,486				1,036,731
South Carolina.....	156,015	110,863			266,878		7,000	7,000	1,270,064
South Dakota.....	66,176	103,200	99,450		268,826	7,800	4,134	11,934	1,207,473
Tennessee.....	230,374		121,671	5,630	357,675		9,420	9,420	1,796,341
Texas.....	341,015	249,226		5,213	595,454				3,779,630
Utah.....	34,566	39,000	2,900		76,466		6,902	6,902	574,248
Vermont.....	35,474	33,200			68,674	( <sup>5</sup> )			810,676
Virginia.....	181,805	188,000	86,336	11,354	467,495		7,555	7,555	1,698,006
Washington.....	94,293	57,714	91,472		233,479		6,247	6,247	2,068,553
West Virginia.....	125,015	80,000	104,133		309,148	63,500		63,500	2,185,918
Wisconsin.....	165,779	125,137			290,916	249,072	234,382	483,454	8,488,613
Wyoming.....	24,400	130,000			154,400		3,227	3,227	1,223,307
Total.....	6,071,844	5,049,888	3,299,167	458,560	14,879,469	848,255	1,151,255	1,999,510	133,075,872

<sup>1</sup> Not handled by the university.

<sup>2</sup> See footnote 2, Part I.

<sup>3</sup> Funds returned to State; not available for institutional expenses.

<sup>4</sup> Biennial State appropriation, 1925-27 (\$65,000), shown in 1926 report.

<sup>5</sup> See column 3.

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—	Salaries and wages (operation and maintenance) in institutions attended by white students, year ended June 30, 1927												
	1	2	3	4	5	6	7	8	9	10	11	12	
Administration and general													
Resident instruction													
General library													
Extension													
Experiment 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	\$20,286	\$20,286	\$2,435	\$285,349	\$78,996	\$11,521	\$18,943	\$2,543	\$27,320	\$3,602	\$683,485	
Arizona.....	3,362	48,869	48,869	18,475	72,175	113,735	53,622	26,519	13,902	7,384	7,384	65,573	
Arkansas.....	60,068	404,271	404,271	13,491	191,397	98,508	48,229	5,065	124,054	334,798	334,798	770,151	
California.....	44,489	336,382	336,382	179,238	741,063	744,072	340,118	124,054	14,333	6,346,463	6,346,463	737,762	
Colorado.....	345,548	3,523,299	3,523,299	11,060	115,800	136,122	27,100	37,100	11,800	588,740	588,740	8,346,463	
Connecticut.....	42,440	207,318	207,318	4,655	95,473	57,879	60,139	11,879	25,799	588,740	588,740	528,194	
Delaware.....	37,971	233,834	233,834	7,711	26,023	61,987	24,848	1,825	35,125	360,124	360,124	360,124	
Florida.....	31,242	171,363	171,363	6,300	36,724	447,619	5,832	3,725	20,041	1,025,617	1,025,617	1,025,617	
Georgia.....	76,070	412,434	412,434	6,000	523,286	267,267	5,704	3,725	11,085	733,922	733,922	733,922	
Illinois.....	34,477	153,370	153,370	14,142	9,186	41,873	16,934	6,501	7,991	280,462	280,462	280,462	
Indiana.....	18,943	173,892	173,892	12,788	68,673	73,924	48,022	22,929	22,382	673,014	673,014	673,014	
Iowa.....	50,026	375,170	375,170	119,837	194,511	467,007	309,293	14,421	25,633	4,137,965	4,137,965	4,137,965	
Kansas.....	271,218	1,286,065	1,286,065	14,554	423,988	478,519	145,947	32,788	19,643	2,107,042	2,107,042	2,107,042	
Kentucky.....	91,278	906,514	906,514	36,146	294,128	267,267	85,463	32,788	19,643	2,086,228	2,086,228	2,086,228	
Louisiana.....	80,753	1,270,040	1,270,040	20,632	213,591	95,487	90,761	19,457	15,976	1,560,766	1,560,766	1,560,766	
Maine.....	75,258	1,029,604	1,029,604	10,317	328,411	173,075	17,905	3,995	3,995	1,106,428	1,106,428	1,106,428	
Maryland.....	44,800	527,916	527,916	18,466	237,237	123,352	28,040	26,674	26,674	918,248	918,248	918,248	
Massachusetts.....	59,045	426,888	426,888	11,023	180,182	127,200	63,176	26,674	26,674	643,003	643,003	643,003	
Michigan.....	38,892	331,512	331,512	10,771	77,826	158,523	118,773	278,200	278,200	1,309,827	1,309,827	1,309,827	
Minnesota.....	86,439	608,468	608,468	28,000	28,000	150,700	150,700	150,700	150,700	771,026	771,026	771,026	
Mississippi.....	50,213	186,456	186,456	28,034	280,152	287,386	131,870	16,410	8,639	1,871,000	1,871,000	1,871,000	
Missouri.....	131,756	1,169,028	1,169,028	41,975	370,788	112,997	145,220	81,600	18,738	1,734,570	1,734,570	1,734,570	
Montana.....	26,359	204,320	204,320	6,973	104,941	144,899	35,542	26,600	5,244	4,409,607	4,409,607	4,409,607	
Nebraska.....	96,751	1,143,609	1,143,609	41,074	177,486	153,008	12,010	25,421	5,810	26,430	26,430	26,430	
Nevada.....	22,354	204,856	204,856	6,357	47,763	46,350	29,480	26,600	13,955	1,400,448	1,400,448	1,400,448	
New Hampshire.....	31,474	318,960	318,960	9,985	74,716	64,293	68,549	12,541	40,300	622,671	622,671	622,671	



New Jersey.....	59,115	613,866	25,333	173,422	273,941	73,579	5,007	98,721	1,322,984
New Mexico.....	12,951	89,790	3,200	77,644	51,243	14,388		3,176	254,392
New York.....	481,299	2,371,295	32,992	(*)	379,030	250,313	294,568	220,936	4,254,674
North Carolina.....	52,633	408,921	7,923	492,498	96,913	32,707	5,544	59,077	1,170,626
North Dakota.....	36,172	253,522	8,287	100,964	163,976	45,573		7,497	624,546
Ohio.....	171,432	2,082,664	78,329	570,977	112,136	317,017	105,006	31,059	3,543,761
Oklahoma.....	57,016	518,784	10,167	250,844	68,965	50,289	4,199	17,601	988,314
Oregon.....	91,799	635,546	28,631	189,807	136,796	112,253		41,204	1,236,036
Pennsylvania.....	88,708	1,091,839	16,763	647,623	161,911	82,953	59,588	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	5,532		95,149	21,918	7,474	30,796	391,749
South Dakota.....	42,582	279,473	6,078	188,550	94,299	48,668	11,366	17,652	677,014
Tennessee.....	49,622	379,105	23,185	234,497	84,562	55,905	18,598	21,425	866,899
Texas.....	75,267	561,730	10,700	440,230	277,377	59,344	232,279	43,924	1,794,282
Utah.....	24,199	205,929	3,868	74,071	90,035	25,644		353	424,099
Vermont.....	29,138	844,839	6,854	53,411	50,508	19,253	5,883	14,022	554,232
Virginia.....	24,423	243,863	6,130	391,433	114,485	41,353	62,071	33,241	917,004
Washington.....	67,405	448,684	27,388	185,786	69,156	66,324	24,579	18,241	907,563
West Virginia.....	67,204	740,070	4,508	294,604	122,609			19,489	1,267,374
Wisconsin.....	210,625	2,760,507	53,544	394,564	87,269	183,018	126,061	148,780	4,372,079
Wyoming.....	48,788	291,681	13,026	64,851	86,930	24,919	10,763	16,195	559,353
Total.....	4,148,395	36,952,647	1,188,952	10,897,936	7,983,526	3,953,652	1,928,859	1,548,613	70,709,216

<sup>1</sup> Research included.

<sup>2</sup> Dormitories included in column 7.

<sup>3</sup> 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
	Adminis- tration and gen- eral	Resident instruction	General library	Extension	Experi- ment sta- tion and other orga- nized research	Physical plant, operation and main- tenance	Supple- mentary operations	Dormi- tories and dining halls	Athletics	Medical school hospitals	Total (materials, supplies, etc.)	
Alabama.....	\$6,284	\$34,322	\$370	\$150,790	\$31,856	\$10,909	\$175,288	\$7,544	\$52,496	\$1,491	\$471,350	
Alaska.....	9,876					7,745					17,621	
Arizona.....	29,324	36,634	3,496	31,390	44,130	53,826	49,654	59,880	46,712	7,214	364,278	
Arkansas.....	21,710	45,954	2,065	101,983	27,436	30,314	798				230,260	
California.....	144,461	450,054	17,568	217,639	281,700	179,004	358,673	20,369		313,634	1,983,122	
Colorado.....	23,325	52,809	2,687	45,302	58,422	56,505	70,245		3,025		312,321	
Connecticut.....	9,717	112,789	2,159	41,396	20,927	98,985	55,339	86,550	17,429		440,291	
Delaware.....	11,604	18,040	2,261	12,910	29,588	29,712	13,150	86,161	5,444		208,570	
Florida.....	41,722	33,636	4,412	15,266	56,159	51,314	46,730	75,246	82,451		406,636	
Georgia.....	58,854	16,043	3,988	141,665		17,888	4,271	26,488			259,097	
Hawaii.....	5,166	8,894	1,221	6,681	18,017	5,277	13,277	14,871			73,404	
Idaho.....	11,320	55,435	499	31,180	26,614	133,208	14,429	67,220			339,905	
Illinois.....	124,847	436,799	6,082	37,235	138,600	391,041	16,698	69,769			1,221,080	
Indiana.....	32,734	264,314	4,247	132,719	150,085	193,817	36,046		98,763		914,725	
Iowa.....	57,887	415,146	23,343	122,408	172,108	400,658	103,472	76,657			1,370,679	
Kansas.....	77,044	55,968	8,646	39,876	85,803	80,503		13,883			418,780	
Kentucky.....	37,025	74,514	8,144	150,858	168,572	144,133		54,204			637,450	
Louisiana.....	21,540	93,049	1,963	174,992	31,568	124,956			33,509		480,382	
Maine.....	33,887	79,634	1,140	39,326	23,697	72,618	11,017	86,269			353,488	
Maryland.....	79,878	76,035	532	52,221	40,369	55,457	144,616	101,188		192,878	1,370,679	
Massachusetts:												
Amherst.....	11,824	74,458	6,799	37,663	35,497	101,268	100	101,057		21,475	390,141	
Cambridge.....	119,900	130,300	14,600			255,100	328,000	113,500			961,400	
Michigan.....	15,330	187,993	1,374	90,433	114,645	111,630	223,381	8,030		7,673	760,539	
Minnesota.....	109,674	270,561	10,239	93,302	127,776	441,771	893,677	310,475		179,467	2,657,246	
Mississippi.....	47,935	10,389		40,672	53,230	129,341	44,208	119,833			480,977	
Missouri.....	64,840	239,096	3,955	136,252	97,280	244,240	241,747	9,252			1,212,906	
Montana.....	12,512	32,127	522	41,164	48,739	39,632		5,252			183,948	
Nebraska.....	46,164	560,170	3,558	44,091	106,210	288,300	130,757	104,444		92,595	1,366,379	
Nevada.....	9,510	29,627	3,184	29,627	11,271	20,637	16,905	33,157			155,300	
New Hampshire.....	10,718	83,658	601	23,480	19,346	61,301	75,651	101,971		19,548	366,274	

New Jersey.....	49, 736	69, 206	2, 701	60, 786	144, 185	133, 979	4, 794	263, 509	1, 834	337	798, 896
New Mexico.....	10, 102	16, 378	4, 421	49, 484	27, 003	37, 120		11, 089		60, 106	157, 778
New York <sup>1</sup> .....	253, 020	1, 498, 065	45, 080	( )	252, 687	284, 670	193, 045	461, 382	1, 834		3, 040, 655
North Carolina.....	15, 809	56, 888	710	110, 950	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	199		257, 773
Ohio.....	187, 287	239, 735	14, 069	169, 642	28, 942	222, 524	470, 776	57, 314		86, 911	1, 477, 200
Oklahoma.....	8, 041	142, 053	1, 079	44, 276	23, 644	58, 717	57, 381	31, 564	52, 699	1, 122	430, 576
Oregon.....	53, 147	73, 098	1, 353	81, 543	77, 267	52, 120	20, 498	83, 264			442, 290
Pennsylvania.....	88, 882	202, 750	3, 536	204, 202	35, 384	128, 475	222, 554	58, 101			943, 884
Porto Rico.....	16, 060	25, 784	1, 502		7, 209	10, 355	11, 726		1, 672		74, 908
Rhode Island.....	15, 180	19, 801	657	2, 934	21, 000	32, 591	12, 307	84, 813			189, 283
South Carolina.....	4, 055	53, 509	1, 413		31, 739	41, 746	13, 681	198, 824	22, 121		329, 110
South Dakota.....	6, 430	72, 352	197	88, 541	29, 480	97, 715	1, 636	2, 786			299, 137
Tennessee.....	35, 268	230, 002	4, 949	66, 017	29, 574	62, 086	3, 701	72, 218			504, 415
Texas.....	19, 155	97, 873	2, 119	166, 046	105, 889	176, 366	205, 008	325, 705	39, 480		1, 197, 642
Utah.....	38, 438	22, 271	156	19, 493	44, 086	14, 777			3, 336		142, 607
Vermont.....	13, 549	33, 837	2, 896	14, 533	18, 307	22, 538	2, 752	35, 317		46, 444	190, 173
Virginia.....	26, 021	41, 904	1, 522	100, 457	39, 512	61, 139	115, 305	171, 385			557, 245
Washington.....	9, 138	134, 956	2, 309	63, 855	151, 642	97, 300	17, 312	6, 403			482, 915
West Virginia.....	101, 395	212, 627	11, 582	44, 519	88, 870			93, 775		4, 761	552, 529
Wisconsin.....	71, 557	546, 166	1, 907	207, 096	13, 269	432, 992	472, 303	257, 826	181, 756	281, 563	2, 466, 435
Wyoming.....	34, 237	29, 572	719	15, 297	29, 483	25, 094	329	47, 019	13, 077		194, 827
Total.....	2, 359, 262	7, 811, 648	241, 542	3, 625, 523	3, 369, 285	5, 918, 330	4, 953, 823	4, 169, 140	1, 212, 993	1, 276, 196,	34, 937, 742

<sup>1</sup> Research included.<sup>2</sup> Dormitories included in column 7.<sup>3</sup> Includes capital outlay for equipment<sup>4</sup> Included in column 3.

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 improvements (capital outlay)		
	1	2	3	4	5	6	7	8	9	10		11	12
Alabama.....		\$168	\$8,080	\$5,406	\$10,241	\$8,321	\$1,962	\$3,833	\$598	\$304	\$159	\$37,022	\$85,052
Alaska.....	10,914			43,621		11,266		1,708				11,535	2,069
Arizona.....	1,328	29,491	85,744	28,173	2,732	21,205	3,723	2,736	39		76	91,253	68,185
Arkansas.....	1,273	85,744	122,232	118,179	21,687	44,062	16,319	7,003	324			141,898	569,002
California.....	18,711											360,976	1,330,372
Colorado.....	1,400	3,000	620		5,000	5,908	2,000	400		500		18,828	56,473
Connecticut.....													130,521
Delaware.....		4,397	24,468	6,300	2,816	3,165	22,696	1,140	9,419			35,280	285,000
Florida.....		1,378	13,538		4,702	45,217	36,925		9,348	15,292		145,903	462,100
Georgia.....									1,360			20,978	20,000
Hawaii.....		1,862	9,926	9,073	1,444	3,915		1,501	1,240			28,461	7,957
Idaho.....	749	18,564	6,325	7,301	1,521	7,301	8,844	679	2,222			46,205	128,118
Illinois.....	8,477	1,900,536	77,258	866	866	43,269		96	10,886			331,388	1,530,886
Indiana.....	2,016	64,469	10,567	4,428	4,428	19,475	126,697			1,573		229,225	88,411
Iowa.....	5,972	16,510	42,621		2,412	15,793	39,458	6,689	1,868			131,323	163,626
Kansas.....	42,769												246,537
Kentucky.....	578	30,178	9,863		375	9,645	109,252		24,568	1,717		178,286	280,019
Louisiana.....	56,221	53,240	8,747			8,279	6,767		2,094			59,500	196,441
Maine.....	2,301	32,162	7,893		1,464	8,179	4,360		4,793	5,000		131,487	186,441
Maryland.....	6,925	23,979	8,650		1,578	18,129	10,050	2,875				64,027	12,311
Massachusetts:								1,786	8,583		5,025	84,705	26,274
Amherst.....	1,251	8,183	12		1,067	1,530	6,983					19,026	42,238
Cannoridge.....													63,700
Michigan.....	2,378	26,791	10,527		4,313	3,819	21,852	23	2,132		139	71,994	698,334
Minnesota.....	17,634	106,965	83,700		3,324	36,644		29,806	10,401		32,212	345,555	717,612
Mississippi.....	1,076				934	3,834	2,394					13,538	19,678



Missour'	10, 223	67, 063	35, 183	4, 557	10, 567	24, 337	3, 581	216	4, 332	160, 659	260, 874
Montana	605	3, 676	2, 786	2, 999	14, 916	2, 435	1, 038	1, 038	---	28, 455	136, 405
Nebraska	2, 410	130, 016	37, 072	4, 833	24, 723	11, 029	11, 029	40	2, 415	212, 598	749, 695
Nevada	1, 899	7, 622	3, 737	2, 932	6, 644	6, 740	2, 933	9, 325	1, 341	43, 173	152, 168
New Hampshire	430	14, 324	7, 693	2, 627	9, 910	7, 594	5, 071	1, 986	158	49, 793	337, 860
New Jersey	722	219, 996	21, 358	4, 006	37, 347	1, 578	23, 479	308, 486	---	308, 486	1, 168, 404
New York <sup>a</sup>	1, 042	13, 248	3, 470	2, 537	2, 720	601	348	6, 744	---	30, 719	189, 916
North Carolina	857	10, 502	3, 755	604	8, 228	114	---	198	---	24, 258	226, 860
North Dakota	---	---	---	---	---	---	---	---	---	---	10, 949
Ohio	25, 753	129, 459	66, 645	3, 875	2, 384	4, 849	1, 635	4, 129	10, 725	249, 454	588, 775
Oklahoma	1, 631	15, 844	5, 182	1, 303	11, 798	5, 801	210	1, 531	38	43, 338	176, 826
Oregon	2, 999	108, 569	14, 712	2, 976	17, 174	1, 599	6, 470	941	---	148, 970	118, 072
Pennsylvania	4, 957	53, 118	5, 533	2, 923	8, 367	4, 465	6, 470	6, 934	---	88, 767	17, 544
Porto Rico	764	12, 330	4, 294	---	14, 538	4, 039	---	---	1, 343	37, 308	86, 777
Rhode Island	657	1, 305	772	365	414	1, 849	2, 093	2, 093	---	7, 455	18, 190
South Carolina	75	30, 441	8, 765	6, 348	9, 019	9, 019	3, 730	9, 644	153	68, 225	27, 802
South Dakota	1, 829	20, 441	7, 219	2, 235	13, 282	13, 282	1, 200	5, 011	---	64, 311	154, 388
Tennessee	5, 005	11, 836	15, 566	3, 645	10, 149	2, 606	4, 951	4, 392	---	58, 150	356, 156
Texas	3, 496	30, 186	2, 956	503	41, 489	33, 392	12, 638	13, 214	8, 899	148, 773	203, 533
Utah	1, 070	3, 336	2, 454	332	4, 261	52	---	---	151	11, 656	---
Vermont	132	2, 041	4, 922	729	4, 124	289	38, 991	31	---	61, 493	10, 778
Virginia	426	12, 577	3, 059	846	2, 879	48, 078	9, 686	75	10, 234	77, 626	158, 774
Washington	3, 162	63, 426	6, 656	8, 140	19, 533	2, 803	6, 745	13, 687	---	124, 152	435, 835
West Virginia	---	23, 762	---	6, 090	3, 720	---	---	---	---	33, 572	328, 894
Wisconsin	16, 713	133, 391	45, 908	12, 685	4, 924	7, 867	1, 998	15, 301	8, 783	277, 585	654, 928
Wyoming	---	1, 969	11, 485	386	13, 663	426	---	5, 173	---	83, 102	355, 376
Total	276, 135	1, 988, 484	796, 983	143, 465	612, 864	615, 832	157, 821	215, 057	80, 315	4, 990, 473	14, 076, 455

<sup>1</sup> Research included.<sup>2</sup> Dormitories included in column 7.<sup>3</sup> Included in Part II, this table.

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
	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 opera- tions	Dormi- tories and dining halls	Athletics	Medical school hospitals	Physical plant ex- tensions (lands, buildings, and land improve- ments)	Trust funds	Grand total (all expen- ditures, Table 15, Parts I, II, and III)	
Alabama.....	\$28,942	\$272,638	\$6,211	\$446,380	\$119,173	\$24,392	\$198,064	\$10,685	\$80,120	\$5,252	\$35,052	-----	\$1,226,909	
Alaska.....	30,182	48,869	621	103,947	169,134	13,057	77,881	73,821	46,712	14,674	2,069	-----	90,798	
Arizona.....	90,720	470,396	65,228	296,112	147,149	81,171	5,908	5,908	46,712	14,674	68,185	-----	1,294,220	
Arkansas.....	43,729	468,280	43,729	950,349	1,069,534	81,260	489,730	35,026	660,891	208,375	569,062	-----	1,887,357	
California.....	508,720	4,069,585	314,985	1,066,102	2,009,452	535,441	489,730	35,026	660,891	1,330,372	1,330,372	-----	11,537,909	
Colorado.....	67,165	263,127	14,367	106,102	200,452	85,605	107,745	112,349	15,326	56,473	56,473	-----	976,362	
Connecticut.....	47,688	646,023	6,814	136,869	78,806	154,124	67,217	112,349	17,995	17,995	130,521	-----	1,100,076	
Delaware.....	42,846	189,403	9,972	38,933	94,740	77,256	14,975	130,705	5,444	5,444	285,000	-----	889,274	
Florida.....	122,189	470,538	17,012	54,806	548,995	94,072	51,595	104,635	114,614	462,100	462,100	-----	2,040,556	
Georgia.....	94,709	182,951	9,988	669,553	23,592	23,592	4,271	38,933	38,933	1,062,477	20,000	-----	1,062,477	
Hawaii.....	25,471	192,712	24,436	101,371	63,805	22,211	21,279	24,102	7,957	1,245	7,957	-----	400,529	
Iaho.....	62,095	449,169	19,612	101,371	107,839	190,074	38,037	91,824	128,118	1,188,142	128,118	-----	1,188,142	
Illinois.....	404,542	3,413,400	203,177	232,612	648,885	700,334	31,215	106,288	31,215	7,372,750	1,530,586	-----	3,372,750	
Indiana.....	126,028	1,233,297	29,368	501,135	648,079	468,461	36,046	146,578	146,578	32,711	88,411	-----	3,371,764	
Iowa.....	144,612	1,701,696	101,110	418,948	453,168	525,579	142,949	98,168	98,168	55,085	163,020	-----	3,806,891	
Kansas.....	195,071	1,085,572	29,278	253,467	181,290	280,496	-----	57,908	74,750	12,863	246,537	-----	2,417,232	
Kentucky.....	82,412	632,608	28,324	479,644	351,292	108,805	-----	60,283	61,509	577	280,919	-----	2,083,974	
Louisiana.....	136,806	573,177	28,201	412,229	165,399	152,996	-----	-----	-----	-----	196,441	-----	1,726,758	
Maine.....	74,680	443,608	17,441	113,819	123,232	144,842	22,247	120,649	61,509	12,311	12,311	-----	1,072,829	
Maryland.....	173,262	708,482	20,205	233,981	185,758	130,683	173,076	143,950	367,730	26,274	26,274	-----	2,163,401	
Massachusetts:														
Amherst.....	50,923	423,868	17,582	116,556	195,550	227,024	100	127,115	21,475	42,238	42,238	-----	1,222,431	
Cambridge.....	251,200	1,332,000	42,600	405,800	606,200	405,800	606,200	194,600	136,405	33,700	33,700	-----	3,331,100	
Michigan.....	91,085	1,106,478	32,935	384,948	405,850	239,814	18,801	21,890	21,890	698,334	698,334	-----	1,093	
Minnesota.....	358,409	2,591,327	215,113	475,731	700,965	620,197	1,098,875	414,926	308,237	634,228	717,612	-----	3,266,530	
Mississippi.....	99,224	196,845	4,183	472,302	185,639	190,196	72,231	146,669	46,933	294	19,678	-----	8,435,698	
Missouri.....	206,819	1,475,187	81,113	511,597	220,844	413,707	326,928	177,122	260,874	260,874	260,874	-----	3,884,646	
Montana.....	39,476	240,123	10,281	149,104	208,554	77,600	-----	65,534	136,405	-----	136,405	-----	877,080	
Nebraska.....	145,325	1,833,795	81,704	226,470	283,941	311,429	146,178	110,294	121,440	-----	152,168	-----	4,010,271	
Nevada.....	33,763	64,265	10,278	80,322	56,857	56,857	46,447	56,437	28,950	8,013	8,013	-----	760,002	
New Hampshire.....	42,622	416,912	18,279	100,823	93,949	137,444	93,263	144,317	21,469	2,811	337,860	-----	1,469,409	

New Jersey.....	109,573	903,068	49,392	238,214	455,473	209,136	9,801	385,709	1,108,404	12,371	3,541,141
New Mexico.....	23,053	106,188	7,621	127,128	78,246	51,508		14,275			412,170
New York.....	736,318	3,803,960	78,072	(C)	631,717	534,983	457,613	672,318	189,917	262,915	7,748,160
North Carolina.....	69,184	479,057	12,112	605,985	138,122	78,310	16,478	213,942	53,096		1,893,146
North Dakota.....	51,872	296,000	14,045	134,920	283,145	95,331		23,568	7,696		917,526
Ohio.....	384,472	2,451,858	159,043	744,494	143,462	544,390	577,417	92,502	588,775		5,859,190
Oklahoma.....	66,648	676,681	16,428	296,423	104,407	114,807	61,790	50,696	176,826		1,685,818
Oregon.....	147,945	817,213	44,696	274,326	231,237	165,972	20,498	125,409	58,588	56,764	1,945,368
Pennsylvania.....	182,607	1,347,767	25,832	854,748	205,662	211,893	288,612	94,905	17,544		3,229,570
Porto Rico.....	67,859	323,444	13,446	641,323	641,323	39,481	11,726		3,015		587,071
Rhode Island.....	45,724	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	133,256	72,683	24,935	199,264	39,926		816,886
South Dakota.....	50,841	372,266	13,494	279,326	136,873	159,665	14,202	13,795			1,194,850
Tennessee.....	89,895	620,943	43,700	304,159	124,285	121,197	27,250	98,035		50,931	1,836,551
Texas.....	97,918	689,789	15,775	606,779	424,755	271,102	509,925	432,351	92,303		3,347,215
Utah.....	63,707	231,536	6,478	93,896	138,382	40,473			3,890	300	578,662
Vermont.....	42,819	380,717	14,672	68,673	72,939	42,080	47,626	49,370		87,002	844,469
Virginia.....	50,875	298,344	10,711	492,736	156,876	150,570	187,062	204,701		7,500	1,718,149
Washington.....	79,705	647,066	36,353	257,781	240,351	166,427	48,636	38,331			1,950,465
West Virginia.....	168,589	976,459	16,090	345,213	210,199			113,264	11,500		2,182,369
Wisconsin.....	298,895	3,440,064	101,359	614,345	105,462	623,877	600,362	421,907	278,908	60,806	7,831,833
Wyoming.....	83,025	323,222	25,230	80,534	130,076	50,439	11,092	68,387	15,277		1,210,009
Total.....	6,783,791	46,752,779	2,227,477	14,666,924	11,965,675	10,487,815	7,040,503	5,932,810	1,730,297	3,049,359	128,141,765
Per cent.....	5.3	36.5	1.7	11.5	9.3	8.2	5.5	4.6	1.3	2.4	100.0

<sup>1</sup> Includes income transferred to endowment, \$1,372,141.

<sup>2</sup> Research included.

<sup>3</sup> Dormitories included in column 7.

<sup>4</sup> Included in column 3.

<sup>5</sup> School of tropical medicine.

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					
	2	3	4	5	6	7	8	Operation and maintenance		Capital outlay		13	14
								Salaries and wages	Materials, supplies, etc.	Equip-ment	Lands, buildings, and land improve-ments		
Alabama.....	\$321,681	\$321,034	\$15,759	\$242,283	\$285,448	\$115,295	\$1,301,500	\$683,485	\$471,350	\$37,022	\$35,052	-----	\$1,226,909
Alaska.....	50,000	38,230	-----	1,075	2,288	4,314	95,907	65,573	17,621	11,535	2,069	-----	96,798
Arizona.....	165,885	657,290	626	226,581	125,033	36,143	1,211,558	770,151	364,278	91,255	68,185	\$351	1,294,220
Arkansas.....	270,484	1,035,951	1,068	111,893	21,772	165,298	1,606,466	737,762	230,250	141,898	564,062	208,375	1,887,357
California.....	298,180	6,237,660	2,129,414	2,734,439	357,966	479,616	12,237,273	6,346,463	1,983,122	360,976	1,330,372	1,516,576	11,537,509
Colorado.....	206,808	616,675	-----	52,215	90,279	50,166	1,016,143	588,740	312,321	18,828	56,473	-----	976,362
Connecticut.....	149,740	478,997	589	102,639	378,271	-----	1,110,536	528,194	440,291	330,521	130,521	1,070	1,100,076
Delaware.....	130,317	436,434	55,260	104,371	135,617	125	862,124	360,124	208,870	35,280	285,000	-----	889,274
Florida.....	239,326	724,039	2,500	251,974	225,520	136,749	1,580,117	1,025,617	406,936	145,903	462,100	-----	2,040,556
Georgia.....	300,578	280,153	52,310	57,990	104,279	211,400	1,012,722	733,922	299,097	20,978	20,000	18,480	1,062,477
Hawaii.....	51,455	252,291	1,055	26,140	73,232	10,083	414,256	289,462	73,404	28,461	7,957	1,245	400,529
Idaho.....	239,815	627,047	-----	52,692	162,512	-----	1,102,006	673,914	339,305	46,205	128,118	-----	1,188,142
Illinois.....	336,736	6,038,425	71,778	814,791	565,455	147,102	3,044,287	4,187,985	1,221,080	331,388	1,530,586	101,711	7,372,750
Indiana.....	345,298	1,774,794	78,570	466,345	335,328	349,446	3,349,781	2,107,042	914,725	229,225	88,411	32,361	3,371,764
Iowa.....	328,592	2,423,887	-----	444,881	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	4,868	2,384,565	1,560,756	418,780	178,286	246,537	12,803	2,417,292
Kentucky.....	321,194	1,253,308	3,890	176,222	228,705	102,207	2,085,521	1,106,424	637,450	59,500	280,019	577	2,083,974
Louisiana.....	278,093	968,013	9,000	183,664	38,174	149,704	1,671,648	918,248	480,582	131,487	196,441	-----	1,726,758
Maine.....	178,825	491,459	-----	191,774	218,714	-----	1,080,812	643,003	353,588	64,027	12,311	-----	1,072,829
Maryland.....	193,040	781,642	14,343	953,905	373,767	26,033	2,342,730	1,309,245	743,174	84,705	26,274	-----	2,163,401



PART II—INSTITUTIONS FOR WHITE STUDENTS

Massachusetts:	131, 877	941, 873	75, 400	241, 851	47, 574	1, 438, 665	771, 026	390, 141	19, 026	42, 238	465, 000	1, 222, 431
Amherst	20, 317		2, 602, 000	458, 000		4, 402, 917	1, 871, 000	961, 400		33, 700	3, 331, 100	
(M. A. C.)	340, 627		263, 043	410, 608		3, 215, 946	1, 734, 570	760, 539	71, 994	698, 334	3, 206, 530	
Cambridge	412, 195		2, 642, 034	409, 157	562, 404	8, 915, 872	4, 409, 707	2, 637, 246	345, 555	717, 612	1, 093	
(M. I. T.)	286, 534		93, 373	440, 034	136, 087	1, 474, 644	919, 707	480, 977	13, 538	19, 678	305, 678	
Michigan	378, 219	1, 735, 595	680, 639	408, 382	406, 660	3, 774, 832	2, 104, 477	1, 212, 906	160, 659	260, 874	145, 730	3, 884, 646
Minnesota	274, 347	2, 528, 195	32, 947	754, 766		868, 490	528, 278	183, 948	28, 455	136, 405		3, 877, 086
Mississippi	148, 754	2, 271, 977	443, 394	754, 766		3, 744, 484	1, 681, 599	1, 306, 370	212, 598	749, 693		4, 010, 271
Missouri	144, 765	2, 633, 911	86, 066	80, 409	59, 337	758, 702	400, 448	155, 300	43, 173	152, 168	8, 913	7, 760, 002
Montana	205, 376	677, 298	310, 700	270, 523	7, 200	1, 410, 946	622, 671	396, 274	49, 793	337, 860	2, 811	1, 409, 409
Nebraska	178, 319	1, 586, 236	560, 163	481, 390	149, 082	4, 595, 775	1, 322, 984	728, 896	308, 486	1, 168, 404	12, 371	3, 541, 141
Nevada	365, 779	123, 503	14, 522	60, 599	38, 010	414, 953	254, 392	157, 778				3, 412, 170
New Hampshire	333, 906	2, 308, 126	2, 601, 770	1, 421, 498	711, 663	7, 824, 002	4, 254, 674	3, 040, 655	30, 719	189, 916	262, 915	7, 748, 160
New Jersey	259, 772	8, 000	232, 134	259, 280	327, 363	1, 893, 147	1, 170, 626	464, 941		226, 860		1, 883, 146
New Mexico	323, 792	3, 719, 950	242, 664	133, 961	28, 951	459, 008	624, 546	257, 773	24, 258	10, 949		917, 526
New York	403, 423	916, 458	1, 295, 051	317, 204		5, 898, 661	3, 543, 761	1, 477, 200	249, 454	588, 775		5, 859, 190
North Carolina	177, 901	1, 445, 889	194, 192	165, 282	168, 775	1, 850, 955	988, 314	420, 576	43, 338	176, 826	56, 764	1, 685, 818
North Dakota	506, 536	1, 258, 884	758, 822	448, 145	159, 027	2, 110, 067	1, 236, 036	442, 290	148, 970	118, 072		1, 945, 368
Ohio	50, 541	324, 458	3, 395	600, 627	19, 194	3, 141, 368	2, 179, 375	943, 884	88, 767	17, 544		3, 229, 570
Oklahoma	124, 068	734, 971	31, 774	145, 918		515, 930	388, 078	74, 908	37, 808	86, 777		887, 071
Oregon	246, 769	616, 687	90, 516	266, 663	24, 429	1, 036, 731	249, 044	189, 283	7, 455	18, 190		463, 972
Pennsylvania	388, 398	691, 353	58, 586	105, 038	114, 098	1, 270, 064	391, 749	329, 110	68, 225	27, 802		816, 886
Puerto Rico	362, 208	760, 605	194, 995	239, 323	121, 671	1, 207, 473	677, 014	299, 137	64, 311	154, 388		1, 194, 850
Rhode Island	454, 095	1, 877, 184	366, 581	958, 403	123, 367	1, 796, 341	866, 899	504, 415	58, 150	356, 156	50, 931	1, 896, 551
South Carolina	165, 794	298, 102	58, 813	31, 401	16, 239	3, 779, 630	1, 794, 282	1, 197, 642	148, 773	203, 533	2, 985	3, 347, 215
South Dakota	158, 981	124, 150	314, 480	55, 598	163, 467	574, 248	424, 099	142, 607	11, 656		300	578, 662
Tennessee	301, 760	645, 569	69, 585	541, 974	139, 108	816, 676	554, 232	190, 173	61, 493	10, 778	27, 793	844, 469
Texas	308, 046	1, 301, 662	144, 898	222, 475	91, 472	1, 698, 006	917, 004	537, 245	77, 626	138, 774	7, 800	1, 718, 149
Utah	249, 615	1, 394, 692	212, 560	224, 918	104, 133	2, 068, 553	907, 563	482, 915	124, 152	435, 835		1, 950, 465
Vermont	286, 173	4, 859, 215	1, 347, 192	1, 785, 336	65, 929	2, 185, 918	1, 267, 374	552, 523	33, 572	328, 894		2, 182, 369
Virginia	227, 310	742, 142	108, 696	1, 69, 453	74, 097	8, 488, 613	4, 372, 079	2, 466, 435	277, 585	634, 928	67, 806	7, 531, 833
Washington	13, 024, 071	66, 949, 739	23, 613, 176	16, 523, 890	5, 847, 903	133, 075, 872	70, 709, 216	34, 937, 742	4, 990, 473	14, 076, 455	3, 427, 879	128, 141, 765
West Virginia	Per cent	50.3	17.7	12.4	4.4	100.0	55.2	27.3	3.9	11.0	2.6	100.0
Wisconsin	Median	51.4	10.2	11.3	3.9							
Wyoming	cent.	2										

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

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 97. 2009  
 98. 2010  
 99. 2011  
 100. 2012

## 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.....	\$332,954	9.2	Operation and maintenance:	
State funds.....	1,818,226	50.5	Salaries and wages.....	\$1,125,592
Private gifts.....	177,914	4.9	Materials, supplies, etc.....	1,069,454
Tuition, fees, etc.....	254,465	7.1	Capital outlay:	
Earnings.....	793,451	22.0	Equipment.....	167,884
Miscellaneous receipts.....	227,793	6.3	Lands, buildings, etc.....	816,501
			Trust funds.....	33,747
			Not detailed.....	199,074
Total.....	3,604,803	100	Total.....	3,412,252

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	23
California.....	35	49	Nevada.....	1	0
Colorado.....	1	0	New Hampshire.....	2	0
Idaho.....	1	0	New Jersey.....	4	0
Illinois.....	80	( <sup>1</sup> )	New York.....	( <sup>3</sup> )	( <sup>3</sup> )
Indiana.....	7	1	Ohio.....	( <sup>3</sup> )	( <sup>3</sup> )
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.....	( <sup>3</sup> )	( <sup>3</sup> )
Minnesota.....	( <sup>2</sup> )	37	Total.....	189	135
Montana.....	1	0			

<sup>1</sup> Included with men.

<sup>2</sup> Included with women.

<sup>3</sup> 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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>

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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>

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 <sup>1</sup>	1921-22	1926-27
<b>I. PROFESSORS AND INSTRUCTORS</b>			
Professors, instructors, and extension workers.....	544	591	823
<b>II. STUDENT ENROLLMENT</b>			
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.....		1,969	1,512
Nursing.....		99	27
Total, excluding duplicates.....		4,338	3,930
College students in the following courses:			
General.....		462	1,913
Normal.....		517	735
Agricultural.....		177	219
Mechanic arts.....		144	118
Home economics.....		113	478
Nursing.....		50	52
Total, excluding duplicates.....		1,274	3,088
Students in military science.....	1,415	1,319	1,251
<b>III. CERTIFICATES AND DEGREES</b>			
Certificates granted.....			438
Degrees conferred.....			327
<b>IV. LIBRARIES</b>			
Bound volumes in libraries.....	70,047	46,518	64,211

<sup>1</sup> In 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
<b>V. RECEIPTS</b>			
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	250,969
Total Federal aid.....	283,790	281,193	280,900
Institutional funds from—			
College endowment.....	129,498		
Tuition and fees.....	241,929	52,334	109,934
Board and lodging.....	Included.	545,407	590,056
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
<b>SUMMARY OF RECEIPTS</b>			
Total receipts from—			
Federal funds.....	284,750	313,036	332,954
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	237,793
Grand total receipts.....	1,813,422	2,488,991	3,604,803
<b>VI. EXPENDITURES</b>			
Salaries and wages (operation and maintenance).....			1,125,592
Materials and supplies (operation and maintenance).....			1,069,454
Equipment (capital outlay).....			167,884
Lands, buildings, and land improvements (capital outlay).....	No data.	No data.	816,501
Trust funds.....			33,747
Not itemized.....			199,074
Total expenditures.....			3,412,252
<b>VII. VALUE OF PROPERTY</b>			
Buildings and dormitories.....	2,790,792	4,205,871	6,441,202
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	1,327,893
Livestock.....	86,856	104,565	72,803
Land grants and funds.....	479,631	435,430	472,616
Miscellaneous.....	3,687,624	12,924	292,638
Total.....	7,606,180	6,689,151	10,340,698

**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.

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 <sup>1</sup>		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					
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1																							
Alabama.....	7	3	3	2	8	8	5	6	8	8	0	0	2	1			1	1	13	12	3	0	
Arkansas.....	4	0	0	1	10	10	3	4	10	10	2	2							10	12	1	0	
Delaware.....	1	1	2	3	8	8	1	4	5	7	5	10							4	4	2	5	
Florida.....	7	5			12	11	7	4	20	16	0	0							0	28	2	10	
Georgia.....	0	2	1	1	16	4	12	6	4	2	10	3							0	14			
Kentucky.....	4	0	0	0	9	8	14	9	16	13	3	3							17	16	4	2	
Louisiana.....	3	2	1	2	12	3	18	10	5	8	9	5							14	13			
Maryland.....	4	3	2		18	7	10	1	5	2	5	2							10	7			
Mississippi.....	4	3	3		18	7	10	1	22	3	16	7							22	7			
Missouri.....	2	3	2	1	10	9	14	5	16	9	5	5							15	9	5	5	
North Carolina.....	3	2	4	0	23		19		27	11	16								31	11	0	0	
Oklahoma.....	4	4	2	1	10	10	13	10	34	15	3	9							4	9	4	6	
South Carolina.....	6	9			18	13	26	9	42	34	1	0							58	55	1	59	
Tennessee.....	6	6	2	0	7	2	8	5	26	17	2	0							16	31	20	0	
Texas.....	5	4			5	8	9	3	25	18									23	20	1	24	
Virginia.....	5	7	6	2	11	23	13	18	17	29	5	7							2	2	1	0	
West Virginia.....	3	4	2		10	7	14	9	19	14	6	1							4	4			
Total.....	64	56	30	13	188	135	193	104	301	216	88	54	142	111	35	14	133	87	421	342	37	23	

<sup>1</sup> Excluding duplicates; includes summer school. See Table 27.



Table 20.—STUDENT ENROLLMENT

Negro land-grant college located in—	Resident students enrolled																	
	Extension students in courses for credit <sup>1</sup>		Correspondence students in courses for credit		Pupils in training schools		Secondary		College		Total, excluding duplicates		Enrolled 1 month after opening of fall term		In courses of 10 days to 1 year		Total, including summer school <sup>2</sup>	
	Men	Women	Men	Women	Boys	Girls	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
Alabama.....					76	109	48	65	14	8	138	182	112	156			142	240
Arkansas.....					56	64	117	126	7	14	180	204	93	109			207	374
Delaware.....							45	93	0	10	45	103	44	103			48	143
Florida.....	7	203			67	110	95	183	48	70	210	363	197	323			280	748
Georgia.....					86	65	120	71	20	3	226	139	209	127			266	343
Kentucky.....	1	8	5	11	41	32	75	73	45	129	161	234	120	174			177	388
Louisiana.....	3	42			42	62	114	154	35	78	191	294	191	294			207	525
Maryland.....							52	51	5	6	57	57	57	57			57	57
Mississippi.....					139	88	268	156	65	24	472	268	398	199			486	394
Missouri.....	15	38					75	77	78	102	153	179	136	160			183	268
North Carolina.....	455	301	165		65		165		103	0	333	0	322	0	69		455	301
Oklahoma.....			45	97	23	23	63	126	69	172	155	321	104	265			259	943
South Carolina.....					215	294			119	124	334	418	317	408	161	109	326	821
Tennessee.....							114	237	118	304	232	541	222	534			344	1,539
Texas.....					48	37	89	291	182	392	319	720	286	603			498	1,726
Virginia.....	7	120			289	294	204	365	85	277	578	936	522	829			616	1,615
West Virginia.....	11	42					79	139	173	209	252	348	238	335			275	600
Total.....	499	754	215	108	1,147	1,178	1,733	2,207	1,166	1,922	4,036	5,307	3,568	4,676	230	109	5,026	10,985

<sup>1</sup> Excluding correspondence students.<sup>2</sup> 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 <sup>1</sup>					Total		Mili- tary drill	General		Normal		Agriculture		Mechanic arts		Home eco- nomics		Nursing		Students, excluding duplicates	Women	Certi- ficates	Degrees
	Academic <sup>1</sup>	Agriculture	Home economics	Nursing	Trades	Students, exclud- ing duplicates	Graduates (certifi- cates)		Students	Graduates <sup>2</sup>	Students	Graduates <sup>2</sup>	Students	Graduates <sup>2</sup>	Students	Graduates <sup>2</sup>	Students	Graduates <sup>2</sup>	Students	Graduates <sup>2</sup>				
	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.....	298	51	171	88	71	113	5	0	10	11	22	6	1	1	2	3	1	19	20	21	22	23	24	25
Arkansas.....	243	22	119	33	33	243	5	0	22	11	12	11	1	1	2	3	1	19	20	21	22	23	24	25
Delaware.....	148	26	93	33	33	138	18	45	10	4	10	4	1	1	2	3	1	19	20	21	22	23	24	25
Florida.....	109	7	194	9	112	278	54	167	33	18	45	24	11	4	15	2	14	8	1	1	48	70	33	24
Georgia.....	144	14	132	144	144	191	62	266	23	3	45	24	11	4	15	2	14	8	1	1	20	30	33	24
Kentucky.....	148	8	148	38	38	148	28	129	64	35	35	26	4	2	2	6	1	19	20	21	22	23	24	25
Louisiana.....	268	17	152	95	208	48	76	9	76	9	26	11	4	2	3	11	10	19	20	21	22	23	24	25
Maryland.....	103	8	51	103	22	103	22	57	11	2	10	4	1	1	2	6	4	19	20	21	22	23	24	25
Mississippi.....	332	76	16	7	213	424	53	0	119	20	2	29	2	1	2	23	6	19	20	21	22	23	24	25
Missouri.....	152	152	39	152	39	152	39	119	20	61	61	34	29	1	2	23	6	19	20	21	22	23	24	25
North Carolina.....	291	96	165	279	165	65	65	363	49	42	146	21	42	12	12	13	5	19	20	21	22	23	24	25
Oklahoma.....	147	10	101	75	189	20	71	47	7	7	146	21	3	3	16	13	5	19	20	21	22	23	24	25
South Carolina.....	357	157	210	186	99	32	92	0	18	8	51	32	38	8	25	7	30	14	14	14	119	124	133	79
Tennessee.....	351	51	231	54	351	98	98	0	375	59	129	85	9	4	10	234	12	20	20	5	48	182	392	65
Texas.....	347	29	1	23	380	282	421	40	421	40	51	12	21	4	63	4	63	4	18	5	182	392	65	
Virginia.....	454	25	569	75	569	84	0	192	42	42	129	43	5	5	10	3	26	12	12	85	277	73	37	
West Virginia.....	82	136	68	218	38	261	25	67	18	5	67	18	5	4	4	45	8	19	20	173	209	14	27	
Total.....	3,850	746	1,512	27	1,554	3,950	731	1,251	1,913	318	735	315	219	35	118	16	478	75	52	6	1,166	1,922	438	327

<sup>1</sup> Includes elementary students not counted in total.

<sup>2</sup> Includes certificates and degrees.

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—			Institutional funds from—				Other sources	Total income
	Land-grant and Morrill-Nelson	Smith-Hughes (vocational teacher training)	Operation and maintenance	Permanent improvements, lands, buildings, etc.	Private gifts	Tuition <sup>1</sup>	Board and lodging	Departmental earnings	Miscellaneous			
1	2	3	4	5	6	7	8	9	10	11	12	
Alabama.....	\$19,205	\$2,360	\$17,360			\$2,300	\$12,355	\$6,296	\$20,302		\$80,208	
Arkansas.....	13,636	839	68,000			3,167		306	602		80,550	
Delaware.....	10,000		21,000				18,420	5,807	231		55,458	
Florida.....	25,000	820	78,585	\$237,141			91,231	3,164	7,266		443,207	
Georgia.....	16,666	3,000	10,000	\$500		1,528	10,233	1,526	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	7,772	29,298	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			265	43,303	2,088	21,224		162,637	
Missouri.....	3,125		142,825			7,036	32,551	512	2,254		188,303	
North Carolina.....	16,500	2,356	67,356	25,249		14,827	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		143,282	
South Carolina.....	30,754	26,559	111,025	15,000	900	15,967		638	5,750		206,633	
Tennessee.....	12,000	2,850	70,000	160,000	167,309	21,956	70,965	11,309	7,187		523,576	
Texas.....	12,648	4,817	72,550	34,396		39	135,883	99,737	37,196		496,442	
Virginia.....	26,996	5,947	54,236	17,685		21,447		438,792	5,225		283,205	
West Virginia.....	10,001		187,500	82,256		8,648	64,128		24,548		377,081	
Total.....	275,122	57,832	1,134,244	683,982	177,914	109,984	590,056	194,439	153,487	227,793	3,604,803	

<sup>1</sup> Less refunds; includes all instruction and laboratory fees; excludes athletic, social, and health fees.

<sup>2</sup> Including \$20,749 from Smith-Lever funds.

<sup>3</sup> Veterans' Bureau for rehabilitation.

<sup>4</sup> 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	Total (salaries and wages)
		Adminis- tration and gen- eral	Resident instruction	General library	Extension	Experi- ment sta- tion and other or- ganized research	Physical plant, oper- ation and maine- nance	Supple- mentary operations	Dormi- tories and dining hall	Athletics	Medical school hospitals	
Alabama.....		\$0, 025	\$16, 277						\$1, 976			\$24, 278
Arkansas.....		8, 790	28, 579			\$2, 319						39, 688
Delaware <sup>1</sup> .....		55, 882								\$1, 375		64, 902
Florida.....		2, 275	23, 201	\$78		1, 720		\$1, 236	4, 225		\$3, 420	28, 510
Georgia.....												
Kentucky.....		7, 980	37, 090									45, 070
Louisiana.....		5, 734	44, 718									50, 452
Maryland.....		4, 700	16, 880				850					22, 490
Mississippi <sup>1</sup> .....												
Missouri.....		22, 210	63, 223	2, 100			\$7, 948		8, 125			108, 666
North Carolina.....		13, 977	48, 451	1, 500			6, 118	11, 749	9, 615	1, 781		93, 191
Oklahoma.....		8, 500	57, 430	1, 100	\$1, 500		12, 300		600			81, 480
South Carolina.....		12, 500	60, 000	900	26, 499		15, 000		3, 000			117, 899
Tennessee.....		6, 600	40, 075					4, 223	9, 601			60, 499
Texas.....		15, 692	113, 910	1, 488			12, 044	4, 766	24, 795	199		172, 894
Virginia.....		14, 889	68, 156	1, 706			7, 716	3, 148		4, 622		100, 237
West Virginia.....		3, 962	103, 342	1, 200	261		8, 013		3, 548			120, 326
Total.....		180, 776	721, 332	10, 132	28, 260	4, 039	69, 139	25, 972	65, 545	7, 977	3, 420	1, 125, 592

<sup>1</sup> 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	12
		Adminis- tration and general	Resident instruction	General library	Extension	Experi- ment sta- tion and other organized research	Physical plant, operation and main- tenance	Supple- mentary operations	Dormito- ries and dining halls	Athletics	Medical school hospitals	Total (materials supplies, etc.)
Alabama		\$2,028	\$5,060	\$80			\$21,025	\$2,510	\$8,570			\$39,273
Arkansas		2,160	4,364			\$12,384						18,908
Delaware <sup>1</sup>		42,560										128,501
Florida		4,413	1,268				6,522		\$2,251	\$3,060	\$630	22,141
Georgia									7,577	2,361		
Kentucky		222							16,377			16,599
Louisiana		1,069	1,813		\$1,314		30,919	5,434	23,038			69,587
Maryland		546					7,746	6,570				14,862
Mississippi <sup>1</sup>												
Missouri		2,415	5,911	1,968			52,903		23,165			86,362
North Carolina		7,436	5,918	303			14,967	5,048	17,337	5,116		56,125
Oklahoma				800			33,098		28,301	2,586		66,785
South Carolina		7,000	5,000	1,000			15,000		1,000	1,600	1,500	32,160
Tennessee		4,000					26,985	7,222	58,302	5,834		102,343
Texas		8,504	38,558	193			56,120	44,823	100,702	4,497		253,397
Virginia		2,866	12,422	377			15,924	1,865		1,502		34,956
West Virginia		4,520	11,614	4,393			30,829	9,284	57,514	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

<sup>1</sup> 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)		
	2	3	4	5	6	7	8	9	10	11		12	
Alabama.....													13
Arkansas.....	\$337	\$526			\$129						\$3,471		\$13,000
Delaware <sup>1</sup> .....		1,375									2,141		6,674
Florida.....	40,980								\$1,012	\$2,534	51,767		128,241
Georgia.....													
Kentucky.....		1,644	\$296								1,940		22,000
Louisiana.....		427									427		35,791
Maryland.....	1,848		140			\$980				982	3,950		
Mississippi <sup>1</sup> .....													
Missouri.....		10,984								1,736	12,740		
North Carolina.....	71	1,570	1,750			586	\$132			586	4,695		25,249
Oklahoma.....													
South Carolina.....	500	5,000				10,000			1,001	4,000	500	21,001	18,982
Tennessee.....	3,482										3,382		324,650
Texas.....	2,095	11,372	981			3,015	1,946		585	16,800	36,794		29,680
Virginia.....	83	5,708	1,375				3,240						111,159
West Virginia.....		5,772									14,285		101,675
Total.....	49,396	44,378	4,542		429	14,581	5,318		3,383	42,823	167,884		816,301

<sup>1</sup> 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

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Negro land-grant college located in—	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.....	\$8,053	\$21,863	\$80		\$15,132	\$21,025	\$2,510	\$13,491			\$13,000		\$80,022
Arkansas.....	11,287	34,318				12,768		14,042			6,674	\$7,747	75,188
Delaware.....	26,453							93,717	\$5,447	\$6,584	128,241		53,863
Florida.....	139,422												373,411
Georgia.....	6,688	24,469	78		1,720	6,522	1,236	7,577	2,361				50,651
Kentucky.....	8,202	38,734	296					16,377			22,000		85,609
Louisiana.....	6,803	46,958		\$1,314		30,919	5,434	29,038			35,791		156,257
Maryland.....	7,154	16,880	140			8,726	7,420	29,982					41,302
Mississippi.....	17,296	54,342				27,563		43,111	2,869				145,211
Missouri.....	24,625	80,118	4,128			60,851		33,046					202,768
North Carolina.....	21,484	55,939	3,553			21,671	16,929	27,538	6,897		25,249		179,260
Oklahoma.....	8,500	57,430	1,900	1,500		47,398		28,961	2,386				148,275
South Carolina.....	20,000	70,000	1,900	26,499		40,000		8,000	2,661	2,000	18,982		190,042
Tennessee.....	14,082	40,075				26,985	11,445	67,903	5,834		324,050		490,374
Texas.....	23,291	163,840	2,662			71,179	51,535	142,297	5,281		29,680		492,765
Virginia.....	17,838	86,286	3,458			23,640	8,253		6,909		111,159	26,000	283,543
West Virginia.....	8,482	120,728	5,593	291		38,842	9,284	69,575	9,301		101,675		363,741
Total.....	372,660	911,980	23,788	29,574	16,852	438,119	114,046	596,255	50,146	8,584	816,501	33,747	3,412,252

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					Grand total expenditures	
	1	2	3	4	5	6	7	8	Operation and maintenance			Capital outlay			Trust funds
									Salaries and wages	Materials, supplies, etc.	Equipments	Buildings, and land improvements			
Alabama.....	\$21,565	\$17,360			\$22,692	\$18,651		\$80,268	\$24,278	\$39,273	\$3,471	\$13,000			\$80,022
Arkansas.....	14,475	68,000			3,789	306		86,550	39,688	18,908	2,141	6,674		\$7,747	75,158
Delaware.....	10,000	21,000			231	24,227		55,458	(1)	(1)	(1)	(1)			153,863
Florida.....	25,820	315,726			101,661	101,661		443,207	64,902	128,501	51,767	128,241			373,411
Georgia.....	19,666	10,000	\$500		7,486	13,016		50,608	28,510	22,141					50,651
Kentucky.....	11,000	85,494			7,000	15,538		119,032	45,070	16,599	1,940	22,000			85,609
Louisiana.....	23,521	85,155			11,750	35,200		163,531	50,452	69,587	427	35,791			156,237
Maryland.....	10,000	18,130	7,905		1,640	4,610		35,670	22,490	14,862	3,950				41,302
Mississippi.....	34,914	60,843	1,300		21,489	45,391		162,637	(2)	(1)	(1)	(1)			143,211
Missouri.....	3,125	142,825			9,250	33,063		188,303	103,666	86,362	12,740				202,768
North Carolina.....	18,856	92,605			20,185	47,614		179,260	93,191	56,125	4,095	25,249			179,260
Oklahoma.....	7,400	96,450			6,710	32,722		143,282	81,490	66,785					148,275
South Carolina.....	57,353	126,025	900		15,967	638	\$5,750	206,633	117,899	32,160	21,001	18,982			190,042
Tennessee.....	14,850	230,000			107,309	82,274		523,576	60,499	102,343	3,482	324,050			490,374
Texas.....	17,465	106,946			37,245	235,620		496,442	172,894	253,397	36,794	29,680			492,765
Virginia.....	32,943	71,921			26,667	38,792		293,205	100,237	137,956	14,285	111,159		26,000	283,543
West Virginia.....	10,001	269,756			33,192	64,128		377,081	120,326	127,475	14,285	101,675			363,741
Total.....	332,954	1,818,226	177,914		254,465	793,451		3,604,803	1,125,592	1,069,454	167,884	\$16,501		33,747	3,412,252
Per cent.....	9.2	50.5	4.9		7.2	22.0		100.0	33.0	33.3	5.2	25.4		1.1	100.0
Median per cent.....	11.3	51.7	0		7.2	21.5									

1 Detailed information not available.

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



Table 25.—PROPERTY—In negro land-grant colleges, year ended June 30, 1927

Negro land-grant college located in—	Value of property										Total	
	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
	Campus and farms	Under cultivation										
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama.....	187	90	5,200	\$23,000	\$32,000	\$1,800	\$183,000	\$135,375			Appraisal	\$375,375
Arkansas.....	182	132	1,900	4,000	45,000	2,000	55,000	75,000			Cost	181,000
Delaware.....	200	180			14,930	2,880	31,000	94,509		\$11,608	Appraisal	154,927
Florida.....	219	121	2,509	4,575	25,060	4,875	3,000	290,550		180,550	do.	478,610
Georgia.....	116	70	1,200	1,000	8,000	1,500	150,000	275,000	1	\$26,666	do.	462,166
Kentucky.....	300	160	900	1,150	6,450	3,300	39,000	286,000	2	47,256	do.	387,656
Louisiana.....	500	200	2,000	2,000	9,500	5,000	500,000	375,000			do.	891,500
Maryland.....	117	85	900	750	22,000	3,840	11,000	115,000			do.	152,590
Mississippi.....	960	375	1,575	2,600	75,000	6,500	10,000	290,980	3	209,871	do.	564,951
Missouri.....	98	88	9,200	8,000	10,000	1,600	80,000	462,500			do.	562,100
North Carolina.....	128	90	5,106	7,600	276,451	4,000	163,600	520,161		12,092	Cost	983,004
Oklahoma.....	320	225	3,140	4,800	87,000	6,275	16,375	233,225			do.	347,875
South Carolina.....	140	85	4,050	3,400	154,150	5,500	75,200	653,993			do.	892,153
Tennessee.....	231	140	4,000	10,000	55,550	4,300	100,000	699,000			Appraisal	838,850
Texas.....	1,435	300	5,829	8,112	221,904	9,962	58,275	648,256		83,888	Cost	1,030,397
Virginia.....	297	190	8,124	9,784	134,898	6,971	109,625	594,986	4	188,823	Appraisal	1,045,087
West Virginia.....	49	34	8,578	8,500	150,000	2,500	49,000	781,757			do.	991,757
Total.....	5,479	2,565	64,211	99,271	1,327,893	72,803	1,634,275	6,441,202	472,616	292,638		10,340,698

<sup>1</sup> Includes \$16,666, other Federal land-grants; \$10,000, other endowment funds.

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

<sup>3</sup> Includes \$113,575, land-grant fund of 1862; \$96,296, other Federal land grants.

<sup>4</sup> 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
	2	3	4	5	6	7	8	9	10	11	12	13	
Alabama.....	\$783.00	\$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	\$1,898.60	
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.....	3.24	10,000.00	10,003.24	1,078.93	2,212.23	1,050.00	910.00	1,399.77	2,370.00		10,000.00	2.27	
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.....	71.64	16,666.66	16,738.30	2,550.00	7,542.50	1,020.00	900.00	900.00	2,635.00		16,682.50		
Kentucky.....		7,250.00	7,250.00	1,380.00	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	1,360.00	2,840.50	3,600.00	3,000.00		20,170.50		
Maryland.....		10,000.00	10,000.00	1,620.00	3,300.00	1,800.00	1,000.00	1,200.00	3,900.00		10,000.00		
Mississippi.....		28,100.00	28,100.00	6,647.76	5,454.91	4,286.63	1,740.00	3,697.70	5,763.00		28,100.00		
Missouri.....	3,995.56	3,125.00	7,120.56	2,064.94	1,632.49	138.12		4,601.87	513.90		7,119.52	1.04	
North Carolina.....		16,500.00	16,500.00	5,350.00	6,000.00	1,640.00	1,700.00	1,800.00			16,500.00		
Oklahoma.....	22.48	5,000.00	5,022.48	1,058.31	1,049.98	577.76	333.32	599.98	954.14		4,998.47	24.01	
South Carolina.....	612.94	25,000.00	25,612.94	3,402.50	9,749.85	2,124.10	1,746.11	2,099.94	1,527.49		25,000.00	612.94	
Tennessee.....	2,069.90	12,000.00	14,069.90		3,465.00	3,600.00	1,350.00	3,375.00	1,900.00		13,690.00	379.90	
Texas.....		112,648.50	112,648.50	873.05	4,475.99	742.83	1,468.83	4,542.98	544.82		112,648.50		
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.....	1.45	10,000.00	10,001.45	807.98	3,587.37	2,000.00	1,000.00	1,354.68	1,250.00		10,000.03	1.42	
Total.....	7,560.21	250,968.68	258,528.89	35,846.60	76,317.14	36,189.44	22,938.76	40,828.58	34,839.85		255,512.91	3,015.98	

<sup>1</sup> 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	9	15	15	8	100	4	55	27	170
Delaware.....	5	2	6					3	40	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 <sup>1</sup> .....											
Mississippi.....	6	10	4			4	92	10	34	14	126
Missouri.....	8	8	2			8	13	22	76	30	89
North Carolina.....	6	15	9			53	301			53	301
Oklahoma.....	9	26	11	0	3	13	37	91	542	104	582
South Carolina.....	5	18	14			13	75	18	219	31	294
Tennessee.....	12	28	17			41	370	71	628	112	998
Texas.....	12	25	18			28	268	151	738	179	1,006
Virginia.....	12	14	16	19	403	9	75	10	201	38	679
West Virginia.....	9			37	43			31	256	68	299
Total.....		202	131	130	664	236	1,884	439	3,068	805	5,616

<sup>1</sup> 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		\$5,777.77
North Carolina.....	\$2,253.95	5,754.00	8,007.95	1,800.00	6,113.05	7,913.05	\$94.90	
Virginia.....		10,329.36	10,329.36	10,329.36		10,329.36		
Total.....	2,253.95	24,152.86	26,406.81	23,384.36	12,927.55	26,311.91	94.90	5,777.77

<sup>1</sup> Not included in total; \$8,000 is annually appropriated by the State in lieu of any claim on the 1862 land-grant income.

