

The University of the State of New York
The State Department of Education

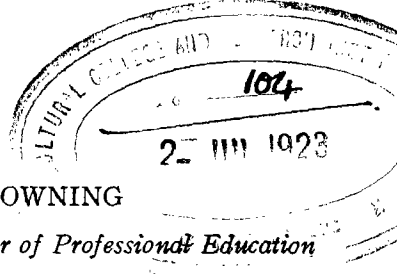
HIGHER EDUCATION

REPORT FOR THE SCHOOL YEAR ENDING JULY 31, 1919

BY

AUGUSTUS S. DOWNING

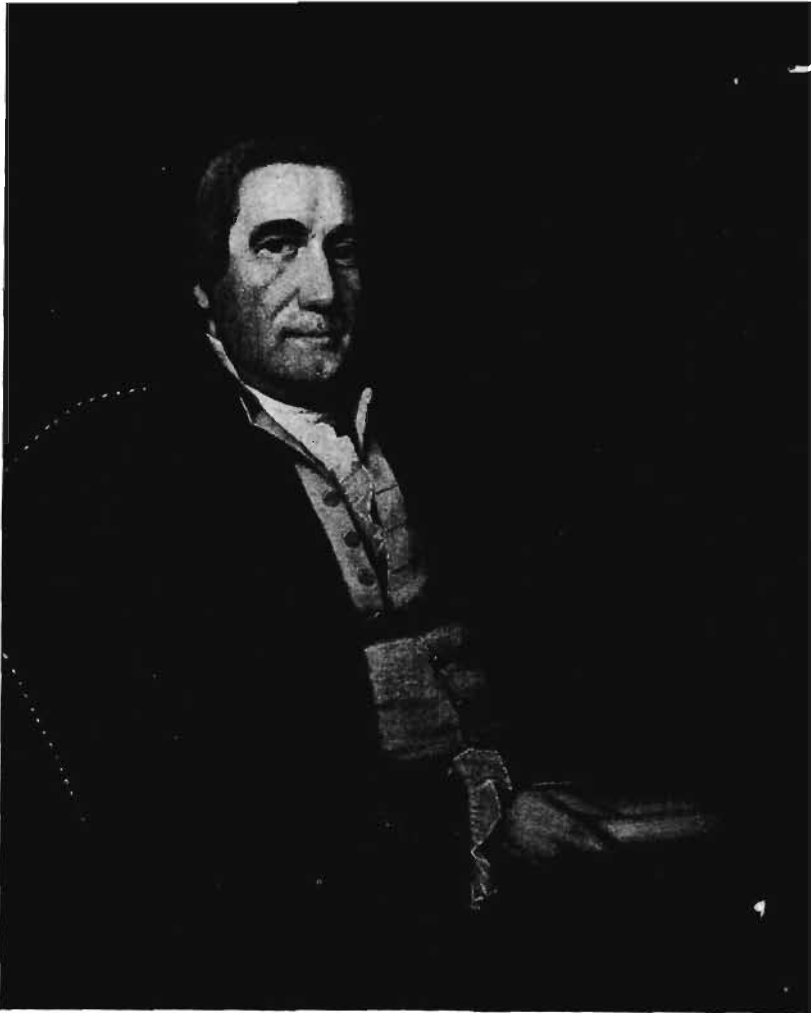
Assistant Commissioner and Director of Professional Education



Volume 3 of the sixteenth annual report of the State Department of Education



ALBANY
THE UNIVERSITY OF THE STATE OF NEW YORK
1922



REGENT EZRA L'HOMMEDIEU

Born August 30, 1734. Graduate Yale College 1754. Delegate to the Provincial Congresses 1775-76. Member of Assembly 1777-1783. Congress of Confederation 1779-1783. State Senator 1784-1809. Regent of the University 1787-1811. Died September 27, 1811

From portrait by James Earle, New York Historical Society

THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of the University
With years when terms expire

1926	PLINY T. SEXTON LL.B., LL.D., <i>Chancellor</i>	
	<i>Emeritus</i> - - - - -	Palmyra
1934	CHESTER S. LORD M.A., LL.D., <i>Chancellor</i> - -	Brooklyn
1924	ADELBERT MOOT LL.D., <i>Vice Chancellor</i> - - -	Buffalo
1927	ALBERT VANDER VEER M.D., M.A., Ph.D., LL.D.	Albany
1925	CHARLES B. ALEXANDER M.A., LL.B., LL.D.,	
	Litt.D. - - - - -	Tuxedo
1928	WALTER GUEST KELLOGG B.A., LL.D. - - -	Ogdensburg
1932	JAMES BYRNE B.A., LL.B., LL.D. - - - - -	New York
1929	HERBERT L. BRIDGMAN M.A., LL.D. - - - -	Brooklyn
1931	THOMAS J. MANGAN M.A. - - - - -	Binghamton
1933	WILLIAM J. WALLIN M.A. - - - - -	Yonkers
1923	WILLIAM BONDY M.A., LL.B., Ph.D. - - - -	New York
1930	WILLIAM P. BAKER B.L., Litt.D. - - - - -	Syracuse

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Archives and History, JAMES SULLIVAN M.A., Ph.D.

Attendance, JAMES D. SULLIVAN

Examinations and Inspections, AVERY W. SKINNER B.A.

Finance, CLARK W. HALLIDAY

Law, FRANK B. GILBERT B.A., LL.D., *Counsel*

Library Extension, WILLIAM R. WATSON B.S.

School, EDNA M. SANDERSON B.A., B.L.S.

School Buildings and Grounds, FRANK H. WOOD M.A.

School Libraries, SHERMAN WILLIAMS Pd.D.

Visual Instruction, ALFRED W. ABRAMS Ph.B.

Vocational and Extension Education, LEWIS A. WILSON

SIXTEENTH ANNUAL REPORT
OF THE
EDUCATION DEPARTMENT

VOLUME III

THE UNIVERSITY OF THE
STATE OF NEW YORK

ALBANY, April 19, 1920

Honorable Thaddeus C. Sweet

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

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

Very respectfully yours

PLINY T. SEXTON

Chancellor of the University

FRANK B. GILBERT

*Acting President of the University
and Commissioner of Education*

REPORT ON HIGHER EDUCATION

FOR THE SCHOOL YEAR 1918-19

PREPARED BY

AUGUSTUS S. DOWNING

Assistant Commissioner for Higher Education

This is a part of the Department's 16th annual report, transmitted to the Legislature January 1920. It is a volume of the 133d Regents Report and covers the education record of higher education for the school year 1918-19. It is the 22d separate volume of the Report on Higher Education and is sent to all higher institutions of the world and to the executive officers of educational departments, under whatever name known, throughout the world. In view of the educational reorganization in progress in Europe, this statement is made and we are making an earnest effort now to learn what higher institutions are not in existence. The school officials of either department or of institutions at present nonexistent that may receive this report are earnestly requested to bring the facts to the attention of the Assistant Commissioner for Higher Education. The same continuity of subjects as of the preceding annual report is herein maintained.

The theme. Educational conditions at the close of the World War furnished the theme for this report. In order that there may be a record of the changes in progress, it is necessary to recite certain facts connected with higher education in the United States during the war. New York State, by reason of its wealth, form of government and population, is an excellent illustration of the problems presented by the World War and for forecasting the same the year of the armistice. Three lines must suffice for illustrative purposes. They are chosen on the basis of representation rather than that of importance: First, the conditions in colleges and universities; second, modification of professional requirements; and third, changing financial conditions.

Higher institutions. The higher institutions of the State met the demands of war conditions in the same high-spirited devotion that all other American institutions manifested. The Students Army Training Corps (S. A. T. C.) had scarcely begun to function when

the armistice brought it to an abrupt close, leaving the higher institutions in possession of property and equipment of no material value to the institution and to a marked degree destitute of both faculty and students.

The professions. Early in the administration of the War Department, the demand on the professions, especially in engineering, medicine, dentistry, veterinary medicine, pharmacy and nursing, became overwhelming, and the tendency to break down the professional laws attained by individual states through a long period of conservative administration became very acute. New York State, from her experience in the administration of the professional laws, resolutely refused to permit the setting aside of legal enactments by inexperienced administrators in the War Department. The representative of the Department opposed on the floor of the conferences, war measures that would have made chaos of professional education had they been written into formal orders. By charts he showed a plan modifying the curriculum of the medical school for the purpose of "speeding up" graduates and set forth the number of months it would be required to reestablish present legal requirements if the plan as contemplated were adopted.

He showed in diagrammatic form that if peace were concluded in any of certain months, it would require from 24 to 13 months, as follows. For example, if peace were completed in June, it would require 24 months to reinstate the present schedule.

If peace is concluded in any of the following months, it will require from 24 to 13 months to reestablish the present schedule as follows:

<i>June</i>	<i>July</i>	<i>Aug.</i>	<i>Sept.</i>	<i>Oct.</i>	<i>Nov.</i>	<i>Dec.</i>	<i>Jan.</i>	<i>Feb.</i>	<i>Mar.</i>	<i>Apr.</i>	<i>May</i>
24	23	22	21	20	19	18	17	16	15	14	13

No school which does not require two years premedical college education for entrance and which does not control a hospital year, can speed up, and no school which can meet these requirements, but refuses to speed up, can have the benefits of rotation of teachers in the medical corps of the army.

In the above schedule there will be no first or fourth year classes being taught during June, July, August and September, no third year class during October, November, December and January, and no second year class during February, March, April and May.

The federal government is to select the schools and ask the legislature to appropriate money for medical scholarships to be disbursed through the central administrative body having the admin-

College Work	October	November	December	January	February	March	April	May	June	July	August	September	Calendar Years
1 st Year													12 months
2 ^d Year													12 months
3 ^d Year													12 months
4 th Year													12 months
5 th or Hospital Year													8 months

tion of medical education in the state; each beneficiary to be examined at the beginning and middle of each year and only those qualified for military duty to receive financial aid — each beneficiary to obligate himself to enter the service of the United States on the completion of his medical course. If war shall terminate before any such beneficiary shall have completed his course and the government shall not need his service, said beneficiary shall obligate himself to regard the scholarship as a loan and shall repay the same through the administrative body within five years from graduation, failure to do which shall be deemed an act of immoral conduct and in itself shall be sufficient evidence for the revocation of his license. Where there is no central administrative board, the money is to be paid on warrant of the dean of the school.

Fortunately for the administration of the professional laws, the war ceased abruptly and the armistice put an end to the attempted "speeding up."

The reason for New York's attitude in this crisis was found in its statute regulating the practice of medicine, which requires as one essential the study of "medicine not less than four school years, including four satisfactory courses of at least seven months each, in four different calendar years in a medical school registered as maintaining at the time a standard satisfactory to the Regents. New York medical schools and New York medical students shall not be discriminated against by the registration of any medical school out of the State, whose minimum graduation standard is less than that fixed by statute for New York medical schools."

The attempt at speeding up had one redeeming feature. It focused the attention of officers administering the medical practice acts of the country upon the problem of the maximum and the minimum requirements in medical education, for it should be remarked that there is a clearly defined opinion that not only should the minimum requirements to be exacted of students be set forth definitely, but also the maximum attempt beyond which the effort for higher education quantitatively fails.

Anticipating the results of the discussions now and for some time in progress by the Association of Colleges and Universities in the State of New York, earlier studies from the Regents' experience in the administration of the medical practice act have been brought together in the following chart to show the limitations set by the New York statute and the Regents rules to the current of medical instruction. A dictum by an earlier college president who discussed

the combination of the arts and the medical curriculums presents the point of view, "A stream without banks is a swamp."

Graphic. This graphic attempt to show forth clearly the New York statutory requirement for the study of medicine is based on legal definitions. "Not less than four school years" of the medical practice act is defined in so far as four "school" years by section 224-4 of the Education Law, "A school year shall be from August first until July thirty-first following."

The English statute of 1751 entitled "Calendar-amendment act" established January first as the beginning of each year.

The "calendar," civil or legal year is a period of 365 days, or, in case of leap year, 366 days, which is divided into twelve calendar months and is now reckoned as beginning with January 1st and ending with December 31st.

The financial and student recovery. The recovery of the institutions from such chaotic condition has been amazing and only exceeded by the liberality of federal, state and municipal recognition.

The report shows the effort inaugurated to recoup the higher institutions through a concerted drive by the higher institutions of the State for endowments to replace the waste from war conditions and the change in values from economic situations.

American Council of Education. This council, a direct product of the World War, is illustrative of American educational activity. It is a central organization of national educational associations. Its general object is the promotion and carrying forward of cooperative action in matters of common interest to the associations and to the institutions composing them.

It has three classes of members: constituent, associate and institutional. The constituent members are sixteen national educational associations, such as the Association of American Universities, and others that are mentioned in other parts of this report. Each of these constituent members is represented by three delegates who vote as a unit in meetings of the council, through a designated person. Illustrative associations are The Association of American Universities and The Catholic Educational Association.

Associate members are educational or scientific organizations having interests related to the work of the council. This group of members may send one representative each to the meetings of the council without right to vote. Illustrative of the associate members are the Alumni Associations of American Rhodes Scholars and the Association of Collegiate Schools of Architecture, which are referred to on other pages of this report.

CALENDAR YEAR												CALENDAR YEAR																							
J	F	M	A	M	J	Jy	A	S	O	N	D	J	F	M	A	M	Jy	A	S	O	N	D													
SCHOOL YEARS												SCHOOL YEARS																							
Spring Semester						Fall Semester						Spring Semester						Fall Semester																	
Present Curriculum												Present Curriculum																							
A						VIII High 19 weeks						I College 17 weeks						II College 17 weeks																	
Prospective Curriculum												Prospective Curriculum																							
B						VIII High 19 weeks						VIII High 19 weeks						I College 19 weeks																	
																								academic examinations											
A						IV College 17 weeks						7th Med 850 Hours						2nd Med-																	
B						III College 19 weeks						1st Med 850 Hours						2nd Med-																	
A						ical Year 850 Hours						Partial Professional Examination						3rd Med 850 Hours																	
B						ical Year 850 Hours						Professional Examination						4th Med-																	
ical Year 850 Hours						Professional Examination						Hospital Year																							

Institutional members comprise colleges, universities, professional and technical schools contributing not less than \$100 a year to the treasury of the council. The institutional members may be represented by one delegate at meetings of the council without the right of vote. Examples of this class of members from New York State comprise Columbia University and Hamilton College.

The officers of the council are elected annually, its headquarters are in Washington, which are in charge of a director, with assistants. The president of the University of Chicago was chairman of the council for 1919-20. He represented the Association of American Universities.

The major projects of the council are referred to and six committees denominated, respectively:

- 1 Federal legislation.
- 2 International educational relations.
- 3 Education for citizenship.
- 4 Training of women for public service.
- 5 The college of liberal arts.
- 6 Standardization.

Of special interest in this place is the activity of the second committee—"International educational relations." The council claims to have succeeded in bringing about a working agreement between a number of these bodies, so that duplication may be avoided and the situation made clear to foreigners. The future is forecast in the expression: "Probably in view of the large number of bodies now operating in this field, the council will not itself take a very prominent part in the promotion of international exchanges of professors and students." This reference presents an important activity that has received some consideration in the State.

The Institute of International Education. The outbreak of the war found most Americans unfamiliar with many of the problems brought to the surface by it. The war, however, aroused great interest among our people in foreign nations and in international affairs, which was brought to the attention of Doctor Butler of the Carnegie Endowment for International Peace, and the possibility was discussed of organizing an institution devoted to the specific purpose of enabling our people to secure a better understanding of foreign nations and of enabling foreign nations to obtain accurate knowledge of the United States, its people, institutions and culture. Upon the entrance of the United States into the war, the colleges and universities of the country formed the American Council on

Education above referred to, and the Committee on International Relations, unaware of what had already been done, submitted a plan to the Carnegie Endowment similar to the one already mentioned. When the armistice was signed, the Endowment took under consideration the two plans, and in February 1919 established the Institute of International Education, having for its general aim to develop international good will by means of educational agencies, and for its specific purpose to act as a clearing house of information and advice for Americans concerning things educational in foreign countries, and for foreigners concerning things educational in the United States. The activities of the Institute for the year under consideration is found in the first annual report of the Director, Stephen P. Duggan, 419 W. 117th st., New York City.

A most significant fact. "The most significant thing," reports the president of one of the oldest universities of the United States, "that has happened to the university teacher during the past decade is the number and variety of contacts that he has established with the practical affairs of life. These contacts were once confined to the teacher of law, of medicine, or of engineering. They are now shared by pretty much all types of university teacher. When a specialist in the Zend Avesta and in the philosophy of the Parsees is sent halfway round the world to plan relief for the suffering population of Persia, when a professor of psychology is entrusted with the task of framing a plan for the selection of officers for the United States army, when a professor of electro-mechanics is set to hunting the submarine in association with the officers of the United States navy, when a professor of physiography is first sent for to aid the general staff in formulating a plan of military operations on the field of battle and is then set to deciding where the boundary line between two reconstituted nations shall run, the universities are getting pretty closely in touch with the practical events of the time. Moreover, the world at large is showing a new respect for men who have spent years in scholarly discipline and association. The President of the United States was for a quarter of a century a teacher of history and political science in three colleges; the president of the Council in France once taught his native language and its literature to a group of American students at Stamford, Connecticut; the prime minister of Italy holds the chair of economics in the University of Naples; the first president of the Czecho-slovak Republic is the most efficient teacher of philosophy among his people; one university professor has just resigned as American Minister to China and another is still serving as American Minister to

create; and so it goes through other European countries and in the South American republics. The fact of the matter is that the university teacher has some time since ceased to belong to a class apart, to an isolated group leading a life carefully protected and hedged about from contact with the world of affairs. The university teacher is everywhere as adviser, as guide, as administrator; and as his personal service extends over a constantly widening field, so his influence marks the increasing interpenetration of the university and practical life. Indeed, there is no better training in practical affairs than that which the business of a modern university affords."

Other important facts. Having set forth in the words of the president of the oldest college of the State the most significant thing that appealed to him, it is proper to present from the institution over which he presides two other important items, the three being simply illustrations of the conditions of higher education in the State of New York. The same factors, in varying force, have been perplexing problems of the other administrative officers in such institutions of the State. No clearer exposition of these postwar conditions is possible and the original language of the writers naturally sets them forth most clearly:

"The gravest emergency arises in connection with the provision of additional residence halls for students. The large number of mature students who come to ——— from all parts of the world are finding it a matter of extreme difficulty to obtain lodgings on ———. . . . Moreover, the expense to which they are now put is at least 50 per cent greater than was the case a few years ago. It is a matter of extreme urgency to begin construction of not one, but at least two, large residence halls. . . .

The plight of the graduate women students of the university is particularly serious. . . . This temporary use of ——— is no longer practicable and yet proper provision must be made for the hundreds of young women who throng to the professional and graduate schools of ——— University from all over the world.

The institution reporting these facts in its detailed statistics makes the following remarkable showing. The treasurer's report records in detail the gifts and bequests received during the year. These amount to \$2,381,356. For the two years 1918-19, \$3,455,356; for the 18 years, 1901-18, \$27,429,553; for the decade 1890-1901, \$5,459,902. That is, in 30 years the average annual gifts and bequests, in money, have advanced from about a half million dollars to two and one-third millions.

On the other side of the account appears the attendance of students; grand total receiving instruction from the university during the year, 18,432.

NATIONAL ASSOCIATIONS OF HIGHER INSTITUTIONS

As a source of information to these higher educational institutions of the world and to the administrative authorities in higher education, brief mention is made of items of special interest and helpfulness, taken from the publications of associations of a national character and interest.

The General Education Board. The annual report of the General Education Board for the year 1918-19 publishes on its fly-leaf the several reports thus far issued by the board, any of which may be obtained on request. Its classification of contents comprises: (1) colleges and universities; (2) professional schools (medicine — schools of education); (3) studies and research; (4) public education; (5) negro education; (6) Lincoln School of Teachers College; and (7) the treasurer's report.

Reference can be made to only one item of this report, namely, colleges and universities.

The extent of the financial assistance afforded by the General Education Board is set forth in the following statement: "Since its foundation in 1902, the board has appropriated toward the general endowments of colleges and universities \$15,048,704. To meet these subscriptions, the institutions have undertaken to raise \$53,759,439," thus increasing the total resources of colleges and universities by nearly \$70,000,000 in eighteen years.

In another place in this report we shall endeavor to set forth a financial statement of the moneys appropriated for education by the State of New York during the same school year, thus enabling the interested reader to grasp to some slight degree the amount and source of the expenditures for education as illustrated in private beneficence, semiprivate, and public.

National Collegiate Athletic Association. The 13th annual convention of this association was held at New York City December 27, 1918. The association comprises 86 colleges and universities of the United States, 6 joint members and 7 associate members. In an address entitled "The Reconstruction Program for Physical Education in the Colleges," Dean J. R. Angel of the University of Chicago set forth the conditions physically in the colleges and universities of the country in the following introductory paragraph.

The demise of the American intercollegiate athletic system at the outbreak of the war was in many respects glorious and deserving of grateful remembrance, for it passed away because the college athlete — and for that matter his nonathletic mate — rushed by the hundreds into the training camps, and

because the colleges themselves instantly turned their entire energies to helping to win the war. But now the critical moment has come when we must decide whether the old system, compact as it was, of good and evil, shall be revived, or whether instead we shall try to build a bigger, better and more enduring one. Habit vested interest, sentiment, and a certain timid lethargy of imagination, all argue for a mere restoration of the old. Foresight, ambition, vision, faith and courage plead for something better.

At the evening session Professor Savage of Oberlin, chairman of the resolutions committee, reported the following resolutions:

1 A proper occupation of leisure time was shown to be essential to health and military efficiency. One of the higher medical officers in the division of urology in France assured me that the venereal rate in the individual camp was definitely decreased by well-organized athletics. The Y. M. C. A. spent approximately two million dollars for supplies and furnished over three hundred athletic directors for this service.

2 Physical efficiency had a definite relationship to military efficiency. I have spoken of the inability of the men to run and jump. I saw this demonstrated in the British army in a rather amusing way. Ten thousand soldiers were receiving their final preparation in what was called the "bull ring." One group was put in shell holes. Firecrackers were then thrown, on signal, into these holes. It was amusing to see the difference in the ability of various individuals to get out rapidly from those shell holes. Some were agile; others lacked physical skill and were clumsy.

3 Athletics were shown to have a definite relationship to morale.

In reporting the activities of this association it is well to have in mind the "principles of amateur sport" as set forth in article 6 of the by-laws:

Each institution which is a member of this association agrees to enact and enforce such measures as may be necessary to prevent violations of the principles of amateur sport such as

a Proselyting:

(1) The offering of inducements to players to enter colleges or universities because of their athletic abilities, and supporting or maintaining players while students on account of their athletic abilities, either by athletic organizations, individual alumni, or otherwise, directly or indirectly.

(2) The singling out of prominent athletic students of preparatory schools and endeavoring to influence them to enter a particular college or university.

b The playing of those ineligible as amateurs. An amateur athlete is defined as one who participates in competitive physical sports only for the pleasure, and the physical, mental, moral and social benefits directly derived therefrom.

c The playing of those who are not *bona fide* students in good and regular standing.

d Improper and unsportsmanlike conduct of any sort whatsoever, either on the part of the contestants, the coaches, their assistants, or the student body.

Bureau of Education. The United States Commissioner of Education, Washington, D. C., publishes a list of the documents

issued annually from 1906 to date. The bulletins of interest in higher education issued by the bureau during the year 1919, are given by number and title, with a brief statement of contents.

Number 9. Education in Great Britain and Ireland. Contains discussions as to the place of science and of modern languages in the university curriculums.

Number 10. Educational Work of the Churches in 1916-1918. Includes a general survey of higher education under religious auspices and particular accounts of its status under the Lutheran, Methodist, Episcopal, Baptist, Protestant Episcopal, Presbyterian, Roman Catholic and Latter Day Saints churches.

Number 12. Education in the Territories and Dependencies. Includes brief accounts of the universities of Porto Rico and of the Philippines.

Number 15. The Adjustment of the Teaching Load in a University. Presents the purpose and the method of the study, the questionnaire employed, the analysis of the working load of the members of the faculty, the factors determining the teaching load, the method of its adjustment and the application of this method.

Number 17. Educational Conditions in Spain. Includes a brief account of present conditions in the universities.

Number 19. Engineering Education. Discusses defects disclosed by the demands of the Nation in war and probable future development as influenced by these needs.

Number 21. Education in Germany. Includes a brief statement of reconstruction measures involving higher institutions.

Number 22. A Survey of Higher Education 1916-1918.

Part I Higher education in the period preceding the war; discusses standardizing agencies, the junior college, fifty years of the land-grant colleges, a new association, the American Association of University Instructors in Accounting, university surveys and the survey movement, the setting aside by the Superior Court of Massachusetts of the Harvard-Technology agreement, Rhodes scholarships, the Carnegie pension and insurance schemes, academic freedom of speech, the attacks upon Americanization and special legislation touching higher education.

Part II The colleges and the war; discusses problems raised by the war, training and the effective organization of training agencies for national service, university committee of the advisory commission of the Council of National Defense, independent action by colleges in preparation for war service, students and the draft, fur-

ther efforts to secure federal direction of civilian training agencies, committee on the relation of engineering schools to the government, Emergency (American) Council on Education, committee on education and special training of the War Department.

Number 28. Educational Periodicals During the Nineteenth Century. Includes periodicals devoted to higher education.

Number 29. Schools of Scandinavia, Finland and Holland. Includes incidental mention of higher education.

Number 30. The American Spirit in Education. Involves higher education with the emphasis on the utilitarian and technical side.

Number 31. Summer Schools in 1918. Contains biennial report, classification, number of instructors, students, length of term, cost, courses accredited for degrees, lecturers, observation or practice schools, comparison of enrolment, statistical tables.

Number 35. The Junior College. Discusses the purpose and method of the investigation and sources of data; origin and early development of the junior college; influences tending to further this development coming from within university, normal school, high school and small college; present status of the junior college and its accrediting in 27 states, summaries and conclusion, appendixes presenting questionnaires, graduate work of members of the faculties, teaching experience, amount of teaching required each week, students in recitation sections, reasons for organizing junior colleges, their organization, graduates and enrolment, bibliography.

Number 36. Education in Italy. Includes a brief account of higher education.

Number 37. Educational Changes in Russia. Includes an account of the reorganization of higher education.

Number 44. Modern Education in China. Touches briefly the field of higher education.

Number 49. Education in Parts of the British Empire. Includes higher education.

Number 51. The application of Commercial Advertising Methods to University Extension. Discusses the obligation to advertise, the purpose of the bulletin, the nature of advertising and publicity, advertising and the psychology professor, the duty of establishing contacts through publicity, the publicity agent, use of advertising texts, announcements, university catalogs, general extension division announcements, class and correspondence study announcements, announcement of courses, formalized descriptions, special announcements and folders, newspaper articles, the news element, planning

the campaign, release vs. special copy, keeping the reader in mind, the "lead," concreteness, brevity and form, form letters, post cards, following up inquiries, letters to employers, street car posters, the layout, newspaper advertising, the field organizer, talks to groups, the social side of extension activities, cooperation with labor, the necessity for greater effort now.

Number 53. Educational Work of the Young Men's Christian Associations. Contains brief mention of work of higher education.

Number 54. The Schools of Austria-Hungary. Includes briefly the problems of higher education.

Number 56. The Administration of Correspondence Study Departments of Universities and Colleges. Discusses the need for administrative machinery, the general development of correspondence study, administration, two types of organization, follow-up of inquiries, application for registration, office records, sending assignments and lessons to students, receipt for fee, student reminders, questionnaires, financial aspects, conclusion as to future developments.

Number 57. Educational Conditions in Japan. Includes a brief statement regarding higher education.

Number 58. Commercial Engineering. Reports discussions of conferences involving prospective changes and combinations of business and engineering curriculums resulting from revelations made by war and reconstruction conditions and demands.

Number 59. Some Phases of Educational Progress in Latin America. Includes brief accounts of progress in the field of higher education in Panama, Argentina, Chile and Uruguay.

Number 61. Public Discussion and Information Service of University Extension. Discusses extension bureaus of information, their limited activities, university service and public opinion, package library, general information, study club and library services, such service by states, assistance in debating and other forms of public discussion, its educational value, the scope of extension service.

Number 62. Class Extension Work in the Universities and Colleges of the United States. Defines extension teaching and discusses ordinary classes, the short and lecture courses, club study classes, number of class centers of extension classes conducted, the subjects taught, conditions of admission, previous educational training, age, sex, fees and their use, methods of preventing conflict, the state board of control, the extension commission, institutional administration, administrative centers, local class extension associa-

tions, district divisions without distinct administrative organization, field organizers, local organization, administration on the campus qualifications of instructors, meetings, length of courses, books and equipment, examinations, credit and its transfer, scholarships, students, conclusions.

Number 66. Training Teachers of Agriculture. Touches the problem of teacher-training in the agricultural colleges.

Number 71. Educational Directory. Includes higher institutions.

Number 84. The University Extension Movement.

Carnegie Foundation for the Advancement of Teaching. The fourteenth annual report of the president and treasurer of this Foundation covers the year ending July 30, 1919. The amount of securities, held in trust on June 30th, at their face value, was almost \$22,000,000, and the trustees received a total income of more than \$3,000,000.

The items of expenditures are interesting as showing the cleavage of effort on which the trustees are endeavoring to advance teaching. Under educational endowment they included allowances and pensions to officers, teachers and widows with the expenses of administration and publication; under division of educational inquiry they include expenditures in general, study of legal education, study of training of teachers, study of engineering education.

The executive committee authorized the trustees to express regret that the Foundation did not feel in a position to accept the administration of a fund of approximately half a million dollars for the benefit of a group of colleges in a distant state; or, at present, to undertake various educational studies which it was asked to make: namely, studies of the condition of education in the state of Massachusetts and the state of Virginia, and in sundry cities.

The publications of the Foundation during the year included the thirteenth report; bulletin 13, Justice and the Poor, and Some Misapprehensions Touching Life Insurance.

Current Tendencies in Education. The introductory paragraph of this report under this caption reproduced in its entirety is illustrative of the fourth function of this Foundation's activity:

One of the characteristics and one of the problems of education in the United States is the fact that so few educators or other persons are in a position to view present and proximate educational conditions as a whole. The customary concentration of attention upon particular institutions or particular classes of institutions to the exclusion of others has resulted in the development of admirable institutions and types, but often in ignorance of and sometimes at the expense of other important educational interests. Cur-

rent educational literature is characterized by individualism, class feeling and competition. The universities are critical of the colleges, state-supported and privately endowed institutions look askance at one another, there is armed neutrality between the colleges and the secondary schools and open hostility between liberal and vocational education.

As a matter of fact, all genuine forms of education in a democracy must be interrelated. It is dangerous for any part of the organism, however upright its traditional isolation, to know so little of other parts that it fails to realize its own relation to the whole. More frequent effort toward a sympathetic knowledge of each kind of institution and toward an understanding of general tendencies, therefore, is not only desirable but necessary.

The tendencies in recent educational progress that are perhaps most significant may be grouped under the terms popular, practical and cooperative.

Kahn Foundation. This Foundation for the foreign travel of American teachers has not resumed activities since the war. It was the general opinion that satisfactory foreign travel was not possible during that time.

EDUCATIONAL LEGISLATION RELATING TO HIGHER EDUCATION

From January 1, 1919 to December 31, 1919

Alabama (ch. 142) created a state board of public accountancy regulating the practice of accountancy and providing penalties for the violation of its provisions; (ch. 159) repealed the acts of September 25, 1915 authorizing "persons who have practised dentistry in the state for 20 years or more, to practise the same; (ch. 383) provided for the graduation of any nurse who has served two years in a reputable hospital on demonstration of her competency; (ch. 521) created a state board of optometry, regulated the practice and provided for the examining and licensing of optometrists.

Alaska (ch. 47) amended the pharmacy act of 1913 by electing the president and secretary for a term of two years.

Arizona (ch. 43) provided that graduates of the law course of the University of Arizona shall be admitted to the bar on their diplomas and that practitioners of ten years' standing in any court of record of the United States may be admitted to the bar of Arizona on motion of the Supreme Court; (ch. 57) created a board of accountancy to regulate the practice and provide for the examination and registration of certified public accountants.

Arkansas (ch. 347) amended section 276 of the Code of Civil Procedure by requiring every applicant for admission to the bar

to give proof of three years' study of law and the passing of an examination by the board of bar examiners created by the Supreme Court; (ch. 623) amended the medical act by requiring the approval of the board of medical examiners to schools complying with the requirements of section 9 of the medical act.

California (ch. 136) provided for the appointment of public health nurses, their qualifications and compensation; (ch. 347) amended the law relative to admission to the bar of attorneys by requiring at least three years' study and an examination of all applicants; (ch. 632) required the approval of all medical schools by the board of medical examiners.

Connecticut (ch. 120) required annual registration with the state department of health of all persons licensed to practise medicine, surgery, midwifery, chiropractic, osteopathy, chiropody, optometry or nursing; (ch. 136) amended the optometry law by requiring annual registration.

Delaware (ch. 58) required the secretary of the medical council immediately upon issuing a medical certificate to notify the secretary of the state board of health; (ch. 59) provided that internes who have received the degree of M.D. may practice in the wards of hospitals with which they are connected and that physicians practising as hospital internes must submit evidence of having obtained the degree of M.D.

Florida (ch. 39) created "The Florida State Board of Chiropractic Examiners" and regulated the practice of chiropractic; (ch. 49) reorganized the board of registered nurses.

Georgia (ch. 185) created a "Board for the Examination and Registration of Architects"; prescribed the qualification of applicants and regulated the profession of architecture; (ch. 69) established the Bowden State Normal and Industrial College as a branch of the State University.

Hawaii (ch. 22) amended the medical law by licensing chiropractors who are graduates of a legally chartered school of chiropractic or who have obtained a license to practise from any state board of examiners.

Idaho (ch. 8) placed the examinations and licensing of all professions under the board of law enforcement which is required to prescribe rules and regulations for examinations, to adopt standards of education and to determine the reputability of educational institutions; (ch. 167) regulated the practice of chiropractic, prescribed the qualifications of applicants and placed the examination and licensing under the department of law enforcement.

Illinois (S. B. 287, p. 218) regulated the practice of architecture and provided for the licensing of architects, repealing all former laws; (p. 645) established a college of veterinary medicine and surgery at the University of Illinois; (p. 646) revised the law in regard to the practice of optometry, specified the qualifications of applicants for examination and authorized the department of registration and education to adopt rules and regulations; (p. 652) revised the law in regard to the practice of nursing and authorized the department of registration and education to enforce its provisions.

Indiana (ch. 9) transferred Moores Hill College to Evansville and rechartered it under the name of Evansville College; (ch. 43) provided that no person shall be eligible to take an examination to become a registered pharmacist who is not a graduate of a school of pharmacy in good standing requiring two full years' work in a commissioned high school or its equivalent for admission and at least two full years' instruction in pharmacy of 50 weeks each, the second year of which shall cover at least 250 hours of classroom instruction and 350 hours of laboratory practice; (ch. 188) abolished the state veterinary examining board and placed the practice of veterinary medicine under the state live stock sanitary board (?); created a new optometry board of five members, all of whom shall be optometrists, formerly one oculist.

Iowa (ch. 258) created a board of examination and certification of shorthand reporters; (ch. 95) amended the pharmacy law by requiring annual registration.

Maine (ch. 16) provided that honorably discharged sailors and soldiers who were pursuing their study of the law at the time of enlistment may take examination at the end of two years; (ch. 188) regulated the practice of osteopathy, creating a board of examiners, prescribed the qualifications of applicants for registration and the penalties for violations of the act.

Massachusetts (ch. 142) amended the nurse training law of 1910 by requiring graduation from an approved nurse training school and annual registration with the board; (ch. 293) forbade the granting of degrees by colleges or other institutions unless their educational equipment is approved by the board of education, and restricted the use of the word "college" or "university" to degree-conferring institutions; (ch. 350) placed all professional boards under the department of civil service and registration of the new organization of the commonwealth.

Michigan (ch. 109) enabled the board of education of cities having a population of 250,000 or more to take the control and management of any college of medicine and surgery in the city, to combine the courses in medicine and surgery with any college or university course, to give instruction in dentistry, pharmacy, chemistry etc., to grant diplomas, honors and degrees and to give to any college it may establish any name it desires; (ch. 167) forbade the division fees by any physician or surgeon and provided a penalty for the violation of the act; (ch. 334) regulated the practice of architecture, engineering and surveying as professions, provided for a board of examiners, for the classification and qualifications of applicants and repealed chapter 120 of the Laws of 1915; (ch. 367) amended the dental act by prescribing the qualifications for dental hygienists and requiring their examination by the dental board.

Minnesota (ch. 64) created a state board of chiropractic examiners, prescribed the qualifications of applicants for examination and defined and regulated the practice of chiropractics; (ch. 249) provided for the licensing of dental nurses, prescribed their qualifications and for their examination by the state dental board; (ch. 251) amended the medical act by providing that the board may "either with or without examination grant a license to any physician who has satisfactorily passed the examination given by the National Board of Medical Examiners;" (ch. 338) provided that tuition to the extent of \$200 in the University of Minnesota or any other school or college approved by the state department of education may be allowed to all persons honorably discharged from the military, naval, marine or Red Cross service of the World War; (ch. 399) amended the pharmacy law by requiring two years of not less than seven months each in an approved school of pharmacy and at least two years of practical experience in a drug store; (ch. 453) established a branch school of agriculture as a department of the University of Minnesota under such name as the regents of the university may determine.

Missouri (p. 202) regulated the practice of chiropody, prescribed the qualifications of chiropodists and provided for their examination by the state board of health.

Montana (ch. 72) amended the law regulating the profession of public accountancy by requiring but one year's practical experience in the office of a practising public accountant, and by accepting the examinations of the American Institute of Public Accountants; (ch. 117) amended the nurse training law by requiring a high school

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1934 education and the annual registration of all nurse training schools; (ch. 124) amended the law relating to the practice of osteopathy by providing that subsequent to January 1919 applicants for examination shall give evidence of having "a four years' " high school course.

1911 Nebraska (ch. 29) amended the chiropractic act of 1915 by defining who shall be considered a chiropractor; (ch. 125) amended the nurse training act by requiring an accredited school for nurses shall meet the requirements of the American National Red Cross; (ch. 129) amended the pharmacy law by requiring graduation from an accredited four-year high school and either graduation from a four-year course in a school of pharmacy conferring the degree of B.S. or three years' experience and an examination in a recognized school or department of pharmacy; (ch. 179) regulated the practice of chiropody (podiatry), created a state board of chiropody and provided for the registration of chiropodists; (ch. 190) adopted a new civil administrative code for the state, creating a department of finance, of agriculture, of labor, of trade and commerce, of public welfare and of public works, and placing the administration of all the professions, medicine, dentistry, pharmacy etc. under the department of public welfare.

Nevada (ch. 17) regulated the profession of veterinary medicine, created a state board of veterinary medical examiners and provided for the examination and licensing of veterinarians; (ch. 91) directed that the Virginia City, the Tonopah, the Goldfield and the Ely Schools of Mines shall be conducted under the direction of the several boards and their equipment, property and assets transferred to the state board for vocational education; (ch. 98) amended the dental law by admitting without examination any duly authenticated legal practitioner from another state who has had five years' reputable practice.

New Hampshire (ch. 13) amended the dental law of 1913 by inserting the regulations concerning dental hygienists; (ch. 28) amended the C. P. A. law by increasing the license fee from \$15 to \$25; (ch. 78) amended the optometry law by requiring annual registration; (ch. 109) amended the veterinary law of 1915 by placing the requirements for admission to the licensing examination under the board and requiring annual registration; (ch. 141) regulated the practice of chiropody, creating a board of examiners, and prescribed the qualifications of chiropodists.

New Jersey (ch. 59) amended the optometry law by licensing practitioners from other states whose requirements equal those of

this state; (ch. 222) amended the medical law by providing that the board may admit to the licensing examination any person who by reason of having been engaged in the naval or military service of the United States was unable to appear for examination prior to July 1, 1919.

New Mexico (ch. 35) amended the dental law by providing for the licensing of practitioners from other states whose requirements equal those of this state and which grant equal privileges to practitioners of this state; (ch. 75) provided for the registration of trained nurses with the secretary of state; (ch. 97) changed the name of the New Mexico board of health and medical examiners to the state board of medical examiners.

New York (ch. 234) amended the chiropody law by defining the practice of chiropody (podiatry); (ch. 266) changed the name of the State School of Agriculture on Long Island to the State Institute of Applied Agriculture on Long Island; (ch. 422) amended the dental law in relation to conferring degrees on soldiers and sailors of the World War who have been precluded from finishing their course prior to January 1921.

North Carolina (ch. 78) regulated the practice of chiropody (podiatry), creating a board of chiropody examiners and prescribing the qualifications of chiropodists; (ch. 94) provided for the registration in the office of the clerk of the Superior Court of all veterinarians practising prior to March 1, 1903; (ch. 148) amended the chiropractic act by excluding correspondence schools from the recognized chiropractic schools; (ch. 199) changed the name of the State Normal and Industrial College to the North Carolina College for Women; (ch. 264) forbade the conferring of degrees by any institution hereafter established and created a college commission authorized to issue its license to confer degrees to any institution; (ch. 336) amended the architecture law by requiring annual registration.

North Dakota (ch. 69) created a state bar board "to succeed the state board of examiners in law," and required annual registration of license; (ch. 78) created a board of chiropractic examiners and enumerated the rights and privileges of licensed chiropractors; (ch. 109) amended the dental law by lowering the preliminary educational requirements to a four-year high school course.

Ohio (p. 73) regulated the practice of optometry, created a state board and prescribed the qualifications of optometrists; (p. 106) provided that a licensed osteopathic physician may practise major

surgery after passing examination by the state medical board in anatomy, physiology, obstetrics, surgery and diagnosis; (p. 254) amended the pharmacy law by requiring an applicant for examination to have been graduated from the four-year course of a legally constituted high school or its educational equivalent.

Oklahoma (ch. 41) enacted a new dental law, prescribing the qualifications of dental hygienists, requiring annual registration and declaring the board created by this act to be the legal successors of the board created by the act of 1913; (ch. 76) amended the pharmacy law by requiring annual registration and subsequent to July 1921 one year's attendance in an approved school of pharmacy; amended the law of 1917 (ch. 113) by authorizing the Catholic College of Oklahoma for Young Women to confer the usual collegiate degrees; (ch. 173) prohibited the practice of law by any person not legally admitted to such practice by the Supreme Court of the state.

Oregon (ch. 120) forbade the conducting or maintaining of a dental parlor by any other than a legally licensed dental practitioner; (ch. 285) repealed the former optometry law, created a new board, required graduation from the two-year course of an approved school and annual registration; (ch. 410) amended the chiropractic law of 1915 by inflicting penalties for the illegal use of any words or titles indicating the practice of chiropractic; (ch. 418) regulated the practice of architecture, creating a state board of architect examiners and prescribing the qualifications of architects; (ch. 422) prohibited any person not legally admitted to the bar from engaging in the practice of law.

Pennsylvania (ch. 173) authorized the granting of licenses to practise medicine and surgery to a graduate of an approved medical school who was prevented from taking the medical examination by reason of service in the army or navy of the United States; (ch. 264) amended the nurse registration law by abolishing the present board, appointing a new board and providing for the examination and registration of "licensed attendants"; (ch. 369) regulated the practice of architecture, providing for the examination and registration of architects by a state board of examiners of architects.

Porto Rico (ch. 43) provided for the examination and licensing of osteopaths and optometrists by the medical board.

Tennessee (ch. 38) amended the dental law by requiring annual registration and providing for the examination and registration of

dental hygienists; (ch. 117) amended the medical law by defining the words "unprofessional or dishonorable conduct"; (ch. 154) provided for a uniform system of examination for admission to the bar and for a fee of \$10; (ch. 162) established a new pharmacy board and required annual registration.

Texas (ch. 38) created a board of law examiners, regulated the practice of law, prescribed the qualifications of attorneys and the requirements to be maintained by an approved law school; (ch. 31) amended the dental law by creating a board of dental examiners and requiring graduation from an approved dental school before examination; (ch. 58) created a new state board of veterinary medical examiners, specified the requirements of approved veterinary medical schools and arranged for reciprocity with other states; (ch. 53) constituted the school of mines and metallurgy of El Paso a branch of the University of Texas.

Utah (ch. 103) authorized the University of Utah to confer honorary or emeritus degrees.

Vermont (ch. 166) authorized the board of medical registration, if it deems expedient, to require one year's internship in an approved hospital as a qualification for examination; (ch. 167) amended the medical act by requiring a two-year course in a college of arts and science as a preliminary qualification; (ch. 170) amended the law regulating the practice of osteopathy by requiring a four-year high school course prior to graduation from a four-year course in an approved school of osteopathy; (ch. 171) amended the chiropractic law by changing the examination fee from \$15 to \$25 and requiring registration with the secretary of the board; (ch. 172) created a state board of chiropractic examination and registration, prescribed the qualifications of chiropractors and regulated the practice of chiropractic.

Washington (ch. 5) created a state board of chiropractic examiners and regulated the practice of chiropractics; (ch. 4) regulated the practice of osteopathy, creating a board of examination and registration and prescribed the qualifications necessary to practise osteopathy and also to practise osteopathy and surgery; (ch. 36) regulated the practice of drugless healing, appointed a board of drugless examiners and prescribed the qualifications of applicants to practise drugless therapeutics; (ch. 100) amended the law for the admission of attorneys by allowing students in approved law schools and attorneys of five years' practice in other states to be

admitted as licensed law clerks; the clerk of the Supreme Court is ex officio the secretary of the board.

West Virginia (ch. 90) authorized the public health council for the period of one year from the date of going into effect of this law to grant a license to practise medicine to any person having ten years' practice in the state; (ch. 130) amended the optometry law by requiring annual registration.

Wisconsin (ch. 483) amended the law in relation to licensing the practice of massage, added hydrotherapy, and specified the qualifications of applicants.

STATE EDUCATIONAL ORGANIZATIONS

The two state organizations that are of such importance as to warrant special comment in these annual reports are Convocation and the Association of Colleges and Universities. The third organization that has been reported annually since its inception because of its relation, through the secretary to the Department and through its committees to the University, is of interest to American readers as well as to foreign through the worldwide interest of its foundation — the Rhodes scholars.

Convocation. The 55th Convocation of The University of the State of New York occurred October 16-18, 1919, in the State Education Building at Albany. There was a conference on child welfare held at the same time under the auspices of the State Education Department and the State Industrial Commission. The address on "Americanization" by Rabbi Eli Mayer, on "Theodore Roosevelt the American," by Lawrence Fraser Abbott, and the reception of new college presidents, Murray Bartlett, Hobart College; B. I. Bell, St Stephens College; and Richard Eddy Sykes, St Lawrence University, were features of the general meeting on Thursday. The other items of the program were not of special interest in higher education. The proceedings of this Convocation have not been published.

Association of Colleges and Universities of the State of New York. This association met in annual meeting pursuant to call on October 18, 1919 in the Regents Room of the State Education Building, President Boothe C. Davis of Alfred University in the chair. President Bliss of the Syrian Protestant College invoked the divine blessing. Roll call by institutions revealed the presence of the following representatives.

<i>Institution</i>	<i>Representative</i>
Adelphi College, Brooklyn.....	President Frank D. Blodgett
Alfred University	President Boothe C. Davis
Canisius College, Buffalo.....	President M. J. Ahern
College of Mt St Vincent.....	Joseph A. Dunney
College of New Rochelle, New York.....	Director William J. McAuliffe
Columbia University, New York.....	Director Adam LeRoy Jones
Columbia University, New York.....	Dean H. E. Hawkes
Fordham University, New York.....	President E. P. Tivnan
Emma Willard School and Russell Sage College, Troy	President Eliza Kellas
Hobart College, Geneva	President Murray Bartlett
Hunter College, New York.....	Prof. Lewis D. Hill
Manhattan College, New York.....	President Brother Jasper
Marymount College, Tarrytown	Director William J. McAuliffe
New York State College for Teachers, Albany	President A. B. Brubacher
New York State College for Teachers, Albany	Dean Harlan H. Horner
Niagara University, Niagara Falls.....	Prefect Francis J. Dodd
St Bonaventure's College and Seminary, Allegany	President Alexander M. Hickey
St Francis College, Brooklyn.....	Dean Brother Columba
St John's College, Brooklyn.....	Vice President E. L. Carey
St Joseph's Seminary and College, New York	President Joseph A. O'Connor
St Stephen's College, Annandale on Hud- son	Dean I. F. Davidson
Syracuse University	Prof. W. M. Smallwood
Syrian Protestant College, Beirut, Syria...	President Howard L. Bliss
Union University, Schenectady	President C. A. Richmond
University of Buffalo	Dean Willis G. Gregory
University of Buffalo	Dean Julian Park
University of the State of New York, Albany	Augustus S. Downing
University of the State of New York, Albany	Henry L. Taylor
Wells College, Aurora	President Kerr D. Macmillan
Williams Smith College, Geneva.....	President Murray Bartlett

The president appointed a committee on nominations, comprising Messrs Richmond, Carey and Jones. It was held that the committee on athletics had been permanently discharged.

Committee on college requirements. In the absence of President Rhees, Doctor Jones of Columbia presented the report of the supplementary committee.

The committee to which the revision of Rule 24 and its interpretation was referred, met pursuant to notice immediately on the

adjournment of the association. After full discussion of the rule and the interpretation, and on formal motion, it was *voted* that the committee move the following new rule to be recommended by the association to the Board of Regents as a substitute for the present rule 24.

Rule 24. *College defined.* An institution to be ranked as a college must have at least eight professors giving their entire time to instruction therein; must require for admission not less than four years of academic or high school preparation or its equivalent; and must conduct a curriculum of four full years of approved grade in liberal arts and sciences.

The Association of Colleges recommends that in interpreting this definition the following principles should be employed with due regard to the fact that an institution falling below the desired standard in certain particulars may more than make good this lack by excellence in others.

1 A college year should include for each student not less than 34 weeks of actual work, of not less than 15 full periods a week or the equivalent.

2 Members of the teaching staff in independent charge of courses should have had not less than one year of graduate study and a majority of them should have had training equivalent to that presupposed by the degree of doctor of philosophy.

3 A decided preponderance of the teachers that have charge of classes should be of professorial rank.

4 The number of teaching hours a week for each instructor should not exceed 16.

5 The curriculum should provide both for breadth of study and for concentration.

6 The curriculum should have justifiable relation to the resources of the institution.

7 There should be library and laboratory facilities adequate to the work which the institution attempts to do and these should be kept up to their full efficiency by means of adequate annual expenditures.

8 There should be a minimum productive endowment, beyond all indebtedness, of at least \$500,000. In the case of tax-supported institutions or those maintained by religious or other organizations, financial support or contributed services equivalent in value to the endowment specified are substitutes.

9 Salaries paid the members of the teaching staff should be adequate. The minimum will depend upon the local cost of living as well as upon other factors.

10 In administering entrance requirements, exceptions should be few and made only for reasons of great weight.

11 The graduates of an approved college should be qualified for admission to study as candidates for higher degrees.

12 The committee recommends that rule 400c be amended to read "A minimum year is 15 recitation hours for 34 weeks (510 hours) or the equivalent."

On formal motion duly seconded, it was *voted* that the report as amended above be recommended to the Regents for adoption in lieu of the present rule.

Selection of Rhodes scholars. Secretary Downing reported the changed requirements for the selection of Rhodes scholars, which abrogated the former procedure which has heretofore led to the appointment of representatives from the colleges and universities of the State.

Standing committees. In the absence of Chairman Bristol, no recommendations were made regarding standing committees for the association.

New business. Professor Smallwood, representing Syracuse University, offered the following resolution:

Resolved, That this body recommend that the State Education Department review and extend its present requirements for teachers specifically including a general outline of work for students who expect to take up the teaching of Americanization and allied lines of social service.

After discussion by Messrs Richmond, Smallwood, McAuliffe and Downing, on formal motion, the resolution was amended to include the appointment of a committee of three by the president of the association with instruction to afford such information as seemed wise to the public press. The president appointed Messrs Smallwood, Richmond and McAuliffe. The committee formulated and gave to the press the following statement:

'The Association of Colleges and Universities of the State of New York, realizing the necessity of urging upon the students in our colleges a more careful study and a more intelligent understanding of the ideals and principles of the American Republic, and realizing also the great responsibility resting upon the colleges to fix the work of Americanization—appoint a committee to formulate and present a plan to the association leading to the accomplishment of this purpose.

College campaign for funds. President Davis expressed a wish to present a matter of some importance to the association and called Doctor Jones to the chair. He then set forth concisely the following facts.

There is an acute condition of distress in which all colleges are left after the period of the war. This is due mainly to four causes, namely (1) greatly increased cost of operation; (2) the just demands for largely increased salaries; (3) the shrinking of incomes from endowment funds; (4) the enlarged attendance of students. This distress hits New York State colleges particularly hard because the State does not maintain any liberal arts colleges, and has left to private benevolence the task of maintaining the whole of higher education performed by these colleges. Every college in the State is faced with the problem of immediately inaugurating a campaign to increase its endowments and equipment in order to meet the crisis which the postwar conditions have forced upon us.

Fortunately, the war has left us some valuable assets as well as startling liabilities. The most valuable of these assets for the colleges which the war has left is the lesson of fraternal cooperation and the demonstration of conscious power and efficiency in united organized campaigns and drives. Almost every form of benevolence excepting education has taken advantage of this tremendous asset. If the colleges of New York fail to do so they will be guilty of a gross neglect of a providential opportunity.

There are of course individual and unique needs which each college must meet for itself; and each has its own alumni and particular constituency to which it must look to make good these individual requirements. But there is a large common need of the colleges of this State, and there is an exceptionally large and promising common constituency and field of benevolence, to which the colleges could make a united and well-organized appeal for the common support of the collegiate institutions on an equitable basis of division, in proportion to the service which each college is rendering to the State.

This united college campaign would in no case supplant or take the place of any individual or local college drives which may be planned. It would only supplement these and provide a percentage of the total sum which each college ultimately hopes to raise.

To use Cornell as a concrete illustration and a hypothetical figure for a united drive, I may make my meaning more clear. Each man may substitute his own college and its proposed drive for Cornell and alter the figures accordingly.

I learn that Cornell proposed a drive for \$15,000,000. To aid and promote this drive suppose that Cornell enters into the New York colleges associated drive among the common friends of education, on the following plan: namely the common state drive campaign shall be for \$50,000,000 for the 30 liberal arts colleges of the State. The colleges of the State having 1000 students or more in the liberal arts courses are to receive \$5,000,000 each. The colleges having over 500 and less than 1000 students are to have two and one-half millions each. And the colleges less than 200 students are to have one-half million each. We will suppose that there are enough colleges in each class to make the total \$50,000,000, which is approximately the case.

Cornell is in the first class and its share will be \$5,000,000. This is a substantial sum toward the \$15,000,000 proposed in its drive and we may fairly assume that it comes from the general public, while the remaining \$10,000,000 is raised by the more particularly attached friends of Cornell. A little more exact method of division could be arrived at on the basis of student hours

with not far from the same results. They are not so easy to figure, however. It would probably be a little more to the advantage of the large colleges and to the disadvantage of the smaller ones. In any case, however, the statewide campaign would be for months telling in the most complete and universal way of the distress of the colleges and the obligation of the people of the State to safeguard these institutions. Cornell shares in its individual and local efforts this publicity and the psychology of a great forward movement for higher education. What is true of Cornell is true of each college, only perhaps in a smaller degree. The economy and efficiency of such a campaign well organized and promoted must be evident to all.

The expenses of the campaign could be borne by the colleges in the same proportion as the colleges share the funds.

It is doubtless known to many of you that in the state of Wisconsin a statewide campaign of this kind is now being put on and that the drive will occur October 24th to 31st. For four months the state has been systematically and scientifically flooded with publicity material setting forth the needs of the colleges and the debt of the state to the colleges. All non-tax-supported liberal arts colleges in the state are included, Catholic, Protestant and independent. The trustees of each college are left to determine for themselves how the colleges shall use the fund, whether for endowment, buildings and equipment or both.

It is the finest demonstration of the unity, cooperation and brotherhood in American colleges that has anywhere ever appeared.

New York State is not behind Wisconsin in the spirit of fraternal fellowship which we enjoy. Twenty-five years of association with this group of men representing the colleges of this State give me the right to make that statement. I am firmly convinced that everything is in favor of New York State's taking its place with Wisconsin in this great movement for getting the sympathy and help of the general public in the noble and strategic work of the American college in this crucial period of reconstruction and Americanization. Now is the time to make a real program and to inaugurate a campaign which looks toward bigger things for New York State colleges than we have ever before dared to undertake. For a forward-looking program to meet the most pressing and immediate needs for the growth and development of our thirty New York State colleges, \$50,000,000 is demanded.

I therefore desire to move the adoption of the following resolution:

Whereas, In the opinion of many members present at this meeting of the Association of New York Colleges and Universities the time has come when New York State colleges associated should inaugurate a united drive throughout the State for a fund of \$50,000,000 to be shared by the 30 liberal arts, non-tax-maintained colleges of the State, on some equitable basis to be mutually agreed upon and bearing a relation to the enrolment in the several colleges in the liberal arts courses, it is

Resolved, That the Association appoint a committee of five to make investigation as to the number of colleges that will participate in such an associated united drive and as to the best method of organizing and carrying out the drive, and to report to the association at a meeting to be called not later, if practicable, than December 15, 1919.

A discussion of the resolution presented by President Davis, was participated in by Messrs McAuliffe, Ahern, Blodgett, Richmond and Bartlett, and on formal motion it was *voted* that the resolution be adopted and that President Davis become chairman of the committee with power to associate with him five other representatives of the association. The committee comprises President Boothe C. Davis, Alfred University; President John H. Finley, The University of the State of New York; President Henry N. MacCracken, Vassar College; President Edward P. Tivnan, Fordham University; President Rush Rhees, Rochester University; President Michael J. Ahern, Canisius College; President Murray Bartlett, Hobart College.

The committee on nominations then presented the name of President Ferry, representing Hamilton College, as president of the association for the ensuing year, which on formal motion was ratified.

After a brief expression of his gratitude to the members of the association for their loyal and sympathetic support, President Davis, declared the meeting adjourned subject to the call of the president.

Rhodes scholars. As forecast in our report of last year, the changes in the methods of administration of the Rhodes scholars were put into operation.

Abandonment of qualifying examinations. The qualifying examinations, which had been required of all candidates for Rhodes scholarships in the past, were abandoned during the year, and it will only be necessary for candidates to make formal application, indorsed by the authorities of their college or university. The selection will be made in the future, as in the past, on the basis of a man's record in school and college according to the four points outlined in the Rhodes will: (1) scholarship, (2) character, (3) interest in outdoor sports, and (4) interest in one's fellows and instincts for leadership.

Methods of selection. The selections are made by committees in each state constituted for that purpose.

The committee of selection for the State of New York in 1919 consisted of the following persons:

Dr Augustus S. Downing, chairman-secretary, Education Department, Albany

P. Kieffer (Maryland and Oriel '04), 31 Nassau st., New York

L. C. Hull jr (Michigan and Brasenose '07), 117 Wall st., New York

D. R. Porter (Maine and Trinity '04), 347 Madison av., New York

E. McP. Armstrong (Maryland and Oriel '05), 44 W. 44th st., New York

W. C. Davison (New York and Merton '13), 29 Seventh av., Brooklyn

General regulations. The Rhodes will provides for two scholars constantly at Oxford from each state in the Union. Each scholar stays three years and receives a stipend of 300 pounds a year, out of which he pays his tuition fees and expenses exactly as any other student. There are no restrictions as to the subjects which he may study. He may take any of the various Oxford honor schools, or, if prepared, may work for the Oxford research degrees of B. Litt., B. Sc., B. C. L. or Ph. D. Candidates must be unmarried, between the ages of 19 and 25, and must have completed at least their second year in college. Candidates may try for the appointment either from the state in which they reside or from that in which they have received the major part of their education.

Postponed elections. The elections of Rhodes scholars postponed on account of war conditions, were resumed throughout the United States during 1919. The scholarships due to the various states for 1918 and 1919 were to be filled in October 1919. Scholars elected for 1918 were to come into residence as far as possible in January 1920; those for 1919 in October of 1920. The scholars for 1920 and 1921 will be elected in the autumn of 1920 and will, as far as possible, enter respectively in January and October 1921. Scholars are to be elected from New York State for 1920 according to the table of 1919.

List of candidates. The candidates, with their addresses and the institutions from which application was made to the committee on selection for the State of New York in 1919, are as follows:

Philip C. Jessup, 19 Oneida st., Utica, Hamilton College; Francis P. Miller, 347 Madison av., New York City, Washington & Lee University; Charles E. Shaw, 540 W. 113th st., New York City, Columbia University; James M. Fassett, University Club, Washington, D. C., Colgate University; Harold O. Voorhis, 1402 Watchuna av., Plainfield, N. J., Colgate University; Frederic R. Sanborn, 47 Brevoort pl., Brooklyn, Columbia University; Herbert A. Koenig, 429 W. 117th st., New York City, Columbia University; Raphael Philipson, 1044 Bryant av., New York City, College of the City of New York; Howard B. Adelman, 221 Spring st., Buffalo, Cornell University; Edgar W. Couper, 34 Chestnut st., Binghamton, Hamilton College; E. Barrett Brady, 22 Edgecliff ter., Park Hill, Yonkers,

Harvard University; C. Wilbur Ufford, 400 W. 118th st., New York City, Haverford College; Charles W. Boinner jr, 476 Clinton av., Brooklyn, Williams College; Paul A. Rauschenbusch, 4 Portsmouth ter., Rochester, Amherst College.

Meetings of the committee. A meeting of the committee on selection in New York State was held at the City Club, 55 W. 44th st., New York, September 10, 1919. All the members of the committee were present. After an informal discussion a general plan of procedure was discussed and determined as follows: "That a copy of the application of each candidate and all papers relating thereto, be placed in the hands of each member of the committee, the original papers being retained by the chairman. That these applications be in the hands of the several members of the committee some days before the meeting of the board and that all candidates be notified that they must appear in person before the board for oral examination."

On October 14, 1919, the committee again met at the same place, all members being present except Mr Kieffer. On unanimous vote, Philip C. Jessup of Utica, N. Y., was recommended for the scholarship, Francis P. Miller of New York City first alternate, and Charles E. Shaw of New York City second alternate. The committee further directed that the general secretary for the United States be urged to appoint Francis P. Miller to the first of any vacancies that might occur in any of the institutions and Mr Shaw to the second of any such vacancies.

The committee further

Resolved, That to the end that the intent and purposes of the Rhodes Trust shall best be fulfilled, it would be wise to select at times two or even more men from certain states rather than to make appointments from states in which the applicants might not have those qualifications and qualities which were in the mind of Mr Rhodes when he created the trust; that it would be better for Oxford and for the country at large if only men of high grade in scholarship, personality and character should be appointed; and when vacancies from any state should occur, that the qualifications of all alternates be submitted to the general secretary, and he, after comparing the written applications and indorsements and after having a personal interview with the candidates, be authorized to fill vacancies from those who rank highest.

The American Oxonian. The quarterly of this name appeared promptly from the press in January, April, July and October. Number 1 was devoted to a report of the British Universities Mission, first, with American opinion, and, second, from the British, the

latter of which is most interesting to Americans. The April number contained the new regulations, the entrance requirements, a brief bibliography, the choice of a course, and research degrees at Oxford. The third discussed reconstruction in Oxford, Greek at Cambridge, and had a report of the British Educational Mission. The fourth number, in addition to editorials, gave the address list of the scholars.

Recommendations. The recommendations of the British Educational Mission fell into two groups: (1) those which involve immediate action and can be dealt with only by the government, and (2) those which concern the universities more directly and require combined action on their part. The first group of recommendations, which involve immediate action, are reported below. The second group will be reported in our next report.

1 Recommendations to H. M. Government

a We venture to suggest that the members of this mission be constituted a temporary consultative body to advise the government and the universities on matters concerning the relations between British and American universities and other educational institutions. We are disposed to think that the experience which we have gained, and the personal relations which we have established may be of service until some permanent and more effective organization can be constituted.

We suggest that Sir Henry Miers be requested to continue as chairman of this body, the services which he has rendered to the mission, and to act on its behalf in all communications with the government and the universities.

b We recommend that steps be taken to invite an American educational mission to visit this country after September 1919, with the object of promoting closer relations between the universities of the two countries.

c We recommend that the universities be invited to establish without delay a committee for the purpose of maintaining closer relations between the universities of the two countries and of facilitating the interchange of students and teachers, and that a grant be made from public funds to meet the administrative expenses of this committee.

d We recommend that arrangements be made for receiving teachers and students from the American army into British universities during the period of demobilization.

e In view of the numerous inquiries that we have received, we recommend that copies of the education act, the Report of the Committee on the Place of Natural Science, the Report of the Committee on the Place of Modern Languages, the Whitley Report, and the Report of the Committee on Adult Education, be liberally distributed to American universities and colleges.

f We recommend that the board of education be invited to distribute educational information far more liberally than heretofore in the United States of America, including the statements suggested concerning the admission of graduate students which will be found in our next report.

STATISTICS OF HIGHER INSTITUTIONS

The impossibility of securing accurate statistics from the educational authorities of Europe precludes our instituting any comparison between the student bodies of the more important countries of Europe.

England. But as last year we reported the numbers in residence at Oxford through the period of the war with 2969 in attendance in 1914 and 348 in 1918, we may properly report reconstruction in Oxford as set forth in two letters from the master of Balliol to correspondents in the United States, the one dated at Christmas time 1918 and the other April 28th. Naturally these letters referred primarily to the record of the college in the World War. For example, the "bare facts about the part played by Oxford University in the war:

Number serving	12,000 (approximately)
Killed	2,394
Missing	109

The Cambridge figures, I expect, would be much about the same. The total number of students and younger graduates of Oxford at any one time would be about 3700."

But that the spirit triumphs over the flesh is apparent, for quoting the words of Mr Balfour, "The nightmare is over," the master of Balliol writes. "We seem to be nearer to the vision of a world peace than in all human history since that first Christmas of all when 'No war nor battle's sound was heard the world around; the trumpet spake not to the armed throng' . . . in fact the first step has already been built up by that union between us and America which has been justly called the greatest thing which has come out of this war. . . . There are also plans for a great development of postgraduate work, and the new D.Phil. degree will, it is hoped, do all that the German Ph.D. professed to do,—but do it in a less 'wooden' way. We have been very glad this term to receive a large contingent of young Americans on their way back to their own country from military service. They are allowed to put in a term's work here which shall count as equivalent time in their own universities if desired; but some are taking a two months' course here just on the way to business careers."

Not only is New York State, as a part of America, interested in the Rhodes American scholars at Oxford, but New York State is also keenly interested historically in Oxford and in Edinburgh.

Without referring in this place to the historical questions of the English and French influences on the creation of The University of the State of New York by the act of legislation in 1787, it may be wise to record certain facts of a century later most influential in the development of New York professional practice acts. During the twelve years from 1888 to 1900, the fundamental principles and statutes of New York's professional practice acts were laid by the Legislature and the Regents—the former by the enactment of statutes placing the administration in the hands of the Regents, and the latter through ordinances, rules and regulations. Two of these are cited in illustration—law and medicine. The earlier steps were taken by the law profession, which naturally responded more quickly to the public's demands because admission to the bar was regulated through the courts and needed no legislative action for sanction. But medicine more slowly advanced by reason of the necessity of legislative action and secured more stable progress. The Court of Appeals in determining the recognition to be accorded the college graduate as compared with the student serving a clerkship gave to the State and to the Nation a definition of a college that has been a vital factor in the preservation and standardization of the American college. But the rule easy come by was likely with equal ease to be rescinded. For when the court realized that their rule was likely to grant credit to the four-year course of "Podunk College" and deny recognition to an Oxford baccalaureate, the court's definition was likely to be laughed out of court by the unthinking. But when the requirements for the English baccalaureate became known and the testimony of the holders of the Irish degrees was adduced, the court's order of 1900 prevailed. While it could not be affirmed that the Oxford baccalaureate earned in three years of time on six weeks each of attendance was not far superior to the four years of college work after four years of high school preparation based on eight years of elementary education, New York State through its representatives the Regents of the University, was willing to assure the Court of Appeals that its purpose held to require of its bachelors of arts attendance for definite periods of time on instruction in properly equipped elementary, secondary and higher institutions under trained teachers at adequate salaries.

After twenty years of observation of and close personal contact with the Rhodes scholars at Oxford, the following is cited from an introduction to the choice of a course at Oxford to show the soundness of the Regents action and to reveal the importance of New

York's conservative policy in the conservation of the American college.

The annually appointed Rhodes scholar who wishes to choose his course at Oxford intelligently must master the Oxford University handbook . . . not a catalog . . . not "official," but it corresponds to the official catalog of an American university. Like college catalogs in general it is dull and hard to understand, and the difficulty is greater for an American student *because the Oxford system is so unlike our own*. . . . The first thing for the American student to remember is that at Oxford he is not so much "choosing a course" as *preparing for certain examinations*. . . . The work of an Oxford man is much more highly specialized and demands a much more thorough knowledge of *one subject* than does that of an American university. . . . *The one aim of the whole process is to prepare the student for the examination.*

To show the change that has come over Oxford since Mr Rhodes would found at Oxford a medical school comparable with the medical school at Edinburgh, the following report from the results of the British Universities Mission, promised in the report of last year, is given in the words of Dr E. W. Walker of the University of Oxford:

In conclusion it may be well to point out what are the steps that the University of Oxford has taken to throw open its courses to students from American universities.

The graduate of an American university who wishes to study for the new¹ degree of D.Phil. has no examinations of any kind or sort to pass as a condition of admission to the university. In order to enter on the course for this degree he must be admitted to the status of an advanced student, and for this certain conditions have to be satisfied. He must be a graduate of an approved university or college, and he must produce evidence of his fitness to pursue a course of advanced study and research. But he will not be called upon to pass any examination until the final examination for his degree. The new degree, however, is not intended as a cheap doctorate. The standard will be a high one. About that there should be no mistake.

The American student who has done service in the army will find the path smoothed for him, even if he does not aspire to the doctor's degree, but only to a degree in the honor schools of the university. If he has served for twelve months, he will be excused everything in the way of entrance or preliminary examinations. He will be able to start reading at once for the final examination for the B.A. degree. If he has served for six months only, he will be excused responsions, and if he is qualified for senior or junior status, he will be excused the examination in Greek. In addition to all this, he will be able to claim the time spent in military service as the equivalent of so many terms of residence at the university, up to a maximum of four terms. To take an instance. A student who has served in the army for twelve months will be qualified for his degree after two years, or six terms, of residence. If, in addition, he is qualified for junior or senior status, he will be required to keep only a single year, or three terms, of residence.

France. Having set forth the condition of higher education in England as exemplified in Oxford and Cambridge, attention is called to the conditions in France. Special interest to America centered in the American E. F. University. The magnitude of the American undertaking will grow with the coming years. And the publications of headquarters in connection with the American E. F. University are exemplars of the source of the information that shall prove of more and more increasing importance as the years go by. The American E. F. University was organized and operated under the control of the Fifth Section of the General Staff, General Headquarters, which section controlled all educational work in the American Expeditionary Forces. The officers were Brigadier General Harold B. Fiske, General Staff, who was Assistant Chief of Staff G-5, and Brigadier General Robert I. Rees, General Staff, in charge of educational subsection G-5. Bulletin 91 was to appear according to the statement by the registrar in three parts, part 1 the catalog; part 2 the register of students; and part 3 the illustrated supplement. Part 1 contained the staff and organization of the university; the entire faculties of the colleges located at Beaune, and of the Bellevue and Le Mans sections of the college of fine arts; the faculty of the division and post schools at Beaune; the schedule and the description of the courses in all the above schools and colleges. This does not include other activities under the Army Educational Commission, enrolment and instruction of students at French and English universities, and the enrolment and instruction at the many division schools and post schools among the American Expeditionary Forces. A report of that work is given in a different publication.

The statements of the various colleges will be found interesting as well as instructive. There were 6198 students registered; there were at midterm 224 courses, 397 classes and 13,108 registered in the university classes at Beaune concerned with work of college grade looking toward college credit. These were established for the benefit of those students in the American forces who could not be sent to the British and French universities and yet who qualified for college or university work. The general plan of the university was formed in January 1919. The catalog comprises 224 pages and the table of contents.

Part 2, the register, has the same date and bulletin number as part 1. It has 464 pages, including 10,500 names with serial numbers, army organizations and street addresses. It contains the intro-

duction, the staff directory, and the student register. In the introduction are found twelve tables giving courses, classes and student attendance on the several colleges of the university. It was printed in Dijon, France, after the close of the American E. F. University and after the return to America of students and faculty and the return of General Headquarters for shipment to America of all material of reference. The comments on the errors and omissions inevitable in so large and varied a work are most interesting. And the marvel is not that many mistakes occur but that so great a work could have been done so well in so short a time.

As a further sample of the character and content of the instruction given the American lads in this transition period of the World War, bulletin 93, entitled "Applied Arts and Education," by George S. Hellman, director of the College of Fine and Applied Arts, at Beaune, Cote D'Or, France, may be cited.

That, then, in an army of young Americans, there should be thousands so lured by the vision of beauty as to wish to make its practice their life work, should really not come as a surprise to any of us. If it has come as a surprise to some, it is merely because we are a young country, necessarily lacking in art traditions, lacking old churches and castles, and the loveliness which time itself confers upon architecture. But traditions must begin somewhere, and what time is better than this to begin our own traditions of art? This is a time of great beginnings, and our army can bring no more inspiring message to our Nation than this, that the art impulse is strong and enthusiastic among the youth of America. I am confident, gentlemen, that in the years that are soon to come, it is our land that will wrest from Europe the leadership in the realm of art; for Europe is old and weary and we are fresh and young; and youth is the time when ideals are strongest, and art is that phase of human activities, wherein ideals with most loveliness are expressed. One thing only is needful, and that is a sympathetic public. The individual is the creator, but he can not work at his best if his fellow citizens do not appreciate his creation. This is the main reason that in the past our artists have gone to Europe. I think it will be different in the future. It is for us to grow in taste; in the knowledge that the beauty of our homes, of our cities, is directly related to the national life; that surroundings of beauty make for enjoyment, for self-respect, for finer citizenship in every direction.

United States. In May of 1919 "Collegiate Reconstruction and After-the-War Reorganization" was a theme of interest to the dailies of the United States. In a prominent New York daily of May 25th the results of "Changes in Curricula of American Colleges and Universities" were set forth to show the new trend due to war. An interesting comparison could be instituted between these announced changes and those shown in the reports from Oxford.

But like the ephemeral character of the American E. F. University, these changes are transitory. The emphasis thrown on citizenship first is necessarily ephemeral and the direct result of the war. Scholarship is and will continue to be in the future as in the past *first* and "all other things shall be added thereto." When the educational historian fifty years from now endeavors to summarize the educational changes involved as the direct result of the World War, it can be safely affirmed that they will not have been revealed in the studies and comments thereon thus far produced. Probably the most interesting effort looking to the reorganization of educational conditions in the United States is found in the bills attempting to create new federal departments. The best known of these bills is the Smith-Towner bill for a department of education (S. 1017 and H. R. 7).

1 Creates a department of education with a secretary in the President's cabinet and an assistant secretary.

2 Transfers to the department of education the bureau of education and authorizes the President to transfer such other offices and bureaus as, in his judgment should be controlled by the department of education.

3 Authorizes the department to conduct investigations and studies in the field of education and report thereon, and appropriates the sum of \$500,000 annually for purposes of investigation and administration.

4 Appropriates \$100,000,000 annually to cooperate with the states in promoting education, to be disbursed as follows:

a Three-fortieths to remove illiteracy.

b Three-fortieths for Americanization.

c Five-tenths for the payment of teachers' salaries and the extension of school terms, especially in rural localities. Specifies, however, certain minimum requirements.

d Two-tenths for physical education.

e Three-twentieths for the preparation of teachers of rural schools.

5 To receive the benefits of the act a state must appropriate an equal sum of money.

6 Each state must report its plans to the secretary of education. The money is to be paid when the reports show that the state is prepared to carry out the provisions of the act. But the administration of educational facilities fostered by the foregoing provisions is to be in the hands of local educational authorities.

ITEMS OF INTEREST IN NEW YORK STATE

College of the City of New York. The most important event of the year was the formal reorganization of the college, setting off from the college of liberal arts a school of technology and a school of business and civic administration, and during the year 1919 the establishment of a unit of the reserve officers training corps number-

ing more than 1300 members. Service in the R. O. T. C. is required during at least the first two years of attendance. A signal corps unit, beside the regular infantry unit, has also been authorized.

Columbia University, New York. "Two of the most important happenings . . . were the establishment of the intelligence tests for admission and the course in contemporary civilization together with the establishment of a new scale of compensation for teaching officers."

Fordham University, New York. The most important event was the reorganization of the department of physics, chemistry and biology. A new laboratory has been equipped in physics and in photometry and a modern radio station established.

Fukien Christian University, Foochow, China. The items of special interest are the beginning of building on the new site of 50 acres; the graduation of the first class of five men; the grant by the China Medical Board of \$163,500 for buildings, equipment and salaries in the department of biology, chemistry and physics with the view to giving a thorough premedical education, and the increase of the faculty to 16 full-time men.

Hamilton College, Clinton. The intercollegiate debates held with Lafayette, Rutgers, Union and Wesleyan, in all four of which the decision was in favor of Hamilton, thus emphasizing Hamilton's specialization in public speaking.

New York University. The providing of a permanent building for the Wall Street division of the School of Commerce, Accounts and Finance and the establishment with the cooperation of a group of large retail merchants of a school for the training of teachers of retail selling — the requirements for which are at least two years of college training.

Niagara University. At the opening of the scholastic year, Niagara registered the largest number of students in its history. The reconstruction of Alumni Hall, destroyed by fire, was begun in 1919,⁴ thus adding better and more scientific laboratories and additional society and lecture room.

Robert College, Constantinople, Turkey; Syrian Protestant College, Beirut, Syria. These institutions are types of more than 500 other American schools in the Near East. A most important event is the establishment in New York of the Committee of Cooperation on American Education to serve American educational interests in the Near East, and establish in concert with the native governments a standardized system of education based on the American school

and college. The centennial of Butrus Bustani (February 7, 1920) when for the first time in Beirut Moslem ladies spoke at a public meeting, was a remarkable demonstration.

St Stephen's College, Annandale. The two most significant events of the year were the building of the new gymnasium with every modern convenience and the addition of three new professors to the faculty.

Union University, Schenectady. The 1920 "electrical show" given every fourth year by the senior class of the electrical department covering (1) exhibits built by the students showing the fundamental principles of electric science and (2) exhibits of the most recent developments in the art.

Adelphi College, Brooklyn. The two most important items of interest connected with Adelphi during the year were the dropping of the two-year normal kindergarten course and the purchase of the site for the new college.

Barnard College, New York. The liberal increase in salaries and the introduction of a Y. W. C. A. course for women overseas workers, 1998 women being graduated in the course during 1918-19.

College of New Rochelle. The most important items of interest were the organization of the students foreign mission society, the completion of the new infirmary and an important addition to the Hall of Residence.

D'Youville College, Buffalo. The part assigned to D'Youville in the welcome extended by Buffalo to the "greatest hero of the war" — Cardinal Mercier — and the presentation of the annual play were the two most important items of the year.

Elmira College. (1) The readjustment of entrance requirements and college required work looking to greater uniformity in college aims and (2) the payment of all pledges toward the \$300,000 campaign and the receipt of the General Education Board's contribution, thus ending the campaign.

Hunter College of the City of New York. The 50th anniversary of the founding of Hunter; the increased evening attendance and extension work with branches established in different parts of the city reaching over 1800 students, and the granting of a charter for a chapter of Phi Beta Kappa.

Marymount College, Tarrytown. The formal opening of the college October 3, 1918, the last public act of the late Cardinal Farley being the consecration of the college, June 3, 1918.

Vassar College, Poughkeepsie. The extension of credits for the

work in physical education; the changes in entrance requirements giving an option of three years in Latin with increased emphasis on modern language, science or history, and, beginning with the class of 1921, the completion of a sequential study in elective courses aggregating at least 36 hours in two departments.

Wells College, Aurora. The largest enrolment in the history of the college, a substantial increase in the salaries of the faculty and the plans for the enlargement and improvement of the main building with increased facilities for classes, clubs, societies, suites of rooms for members of the faculty, and with improved plumbing throughout.

Alfred University. The inauguration of a million dollar drive.

Syracuse University. The newest thing in construction work includes the addition of an east wing to the hospital; the completion of the Joseph Slocum College and of a new greenhouse for the use of the botany department and the college of agriculture. Two new departments, the school of home economics and the school of business administration, have been added.

University of Buffalo. The most important items for the university as a whole are the acquisition of 44 acres to the new site; the competition of landscape architects in which \$7000 was awarded for plans for this site, and the raising of \$3,000,000 for the beginning of a building fund.

Alfred Theological Seminary. "The two most interesting facts connected with the seminary during the last two academic years were (1) an increase of endowment of about \$9000; and (2) a marked growth of interest on the part of our college students in the subject of religious education. Most of these subjects are taught in the seminary as college elective work."

Auburn Theological Seminary. The election of the Rev. John Bailey of Edinburgh University, a scholar of unusual attainments and rare teaching gifts, as professor of Christian theology; the campaign for \$3,000,000 with a view to recapitalizing the present work and the addition of correspondence courses, circulating library and lay school.

General Theological Seminary, New York. The most important event was the celebration of the centenary of the seminary. There are few items of interest to the general public as the patronage is so restricted; each student must be a candidate for Holy Orders in the Episcopal Church or a college graduate and must come with the permission of his bishop.

Jewish Theological Seminary of America, New York. In order to reduce the size of the classes and systematize the courses, a graded

system of classes with increased individual instruction has been introduced and two additional instructors appointed to carry out the plan; an abridged course covering all the subjects of the curriculum of the school for Jewish communal studies has been also introduced; in 1915 the largest class in the history of the seminary was graduated.

St Joseph's Seminary, Yonkers. "The only item of interest in the past year was the return of the professors who were chaplains during the war, between 50 and 60 of our graduates being chaplains."

Union Theological Seminary, New York. Recent items of interest were the instituting of a tuition fee of \$150 and the lengthening of the course from three to four years.

New York Law School. On account of the war the school suspended during the year 1917-18 and resumed operations October 1919 in the Young Men's Christian Association Building, 215 W. 23d st., with an attendance of 230.

Syracuse University College of Law. An item of great interest was the return of the men from service; excepting seven killed in action and an equal number severely wounded, nearly all returned and took up their work; the second item is the addition of 1000 volumes to the library given by Miss Addie D. Tuttle in honor of her father, the late J. F. Tuttle.

Teachers College, Columbia University, New York. The introduction of a new type of professional training; instead of giving systematic courses in municipal school administration, rural school administration, state school administration, etc. these courses have been combined into one called a major course for school superintendents, thus emphasizing direct professional training as opposed to systematic courses in professional subjects, and in addition, practical surveys of school systems — among others, of Amsterdam in cooperation with the State Department of Education.

College of Physicians and Surgeons. "We hope by next year to have all sorts of interesting news for you but at present we shall remain in modest retirement."

Cornell University Medical College, New York. The chief items of interest are the establishment of a modern research and teaching clinic in Bellevue Hospital through the friends of the Russell Sage Institute of Pathology; separate laboratories have been established for this work. The second item is the limiting the number of students admitted, about 45 being admitted in New York and 30 in Ithaca; women will be admitted on an equal basis with men.

Long Island College Hospital, Brooklyn. During the year 1918

a stringent rule was adopted that no student from another college who has a condition or has not advanced with his class will be admitted to the Long Island College Hospital.

New York Homeopathic Medical College and Flower Hospital. The advancement of the standard of medical education by the creation of a fifth or interne year, making a full five-year course; the complete reorganization of the board of trustees and their provision for 100 free beds for clinical teaching.

University and Bellevue Hospital Medical School, New York. Because of the increasing number of applicants, only 150 students will be allowed to enter. For the first time in the history of the school, women were admitted on an equal basis with men.

University of Buffalo, medical department. The most interesting item is the remodeling of the laboratories. The entire third floor will be assigned to the laboratories of pathology and bacteriology, and the fourth floor to the laboratories of anatomy. The new building will add about 13,000 square feet of floor space. The first floor, in connection with the present chemical laboratory for biochemistry, the second for physiology and the third for pharmacology.

New York College of Dentistry. The most noteworthy item was the fitting up of the new building for increased laboratory and clinical faculties. New physiology, histology, pathology and bacteriology laboratories with an operative and prosthetic infirmary and oral surgery clinics have afforded much better opportunity for teaching.

University of Buffalo College of Dentistry. The completion of a clinic for oral surgery, offering treatment for all affection of the face and jaws and of a bacteriological clinic treating all cases of the teeth and oral cavity.

Columbia University College of Pharmacy, New York. The most important events of the past year are (1) the largest attendance in the history of the school, the consequent necessity of limiting admissions and the refusal to register conditioned applicants; and (2) an increase in all fees, thus permitting the advance in salaries necessary to hold the present faculty.

University of Buffalo College of Pharmacy. (1) Putting in force the entrance requirements of two years of high school; (2) the establishment of a drug garden in the South Park; (3) the organization of a student army corps in the university, including the pharmacy students.

Fordham University, New York. The admission of women to the course in pharmacy, seven now taking the course, was an important

event, as is the fact that more high school graduates are taking up pharmacy than ever before.

Cornell University, New York State Veterinary College, Ithaca. "A gratifying feature of the year has been the return for the completion of their course of practically all the students who left for military service;" there has been extended research in the nature of destructive diseases of food-producing animals; the establishment of an artillery unit in connection with the reserve officers training corps, thus increasing clinical facilities; and the addition of two new positions in research work — one for the study of the maladies of sheep and one to investigate the diseases of poultry."

New York University, New York Veterinary College. The plans for a new building at 27th street and First avenue and the largest corps of veterinary instructors of any veterinary school in America.

Cooper Union. The authorizing of a day course in industrial chemistry to open in the fall and the development of a policy of admitting graduates of four-year high school courses involving intermediate algebra and plane geometry to the day technical school without examination.

New York State College of Agriculture, Cornell University. An event of special interest was the semicentennial of the university held June 20-22, 1919; the revision of the entrance requirements so as to admit the holders of New York State vocational diplomas in agriculture or homemaking; the retirement of Prof. John L. Stone and the naming of Stone Hall, the new agronomy building, in recognition of his distinguished services to the college and the State.

New York State School of Clay-working and Ceramics. "The most noteworthy fact at present visible is that the demand for the graduates is much greater than the supply. The profession of ceramic engineering is assuming large proportions and our men are filling their places acceptably. Young women graduates find opportunities in teaching both in high schools and schools of arts and crafts."

New York University, School of Applied Science. The two principal points of interest are the change of name from the School of Applied Science to College of Engineering, and the breaking ground for a group of engineering buildings.

Polytechnic Institute, Brooklyn. The increase in registration from 853 in 1918 to 1,243 in 1919; the installation by the Federal Shipping Board of a course in marine construction; and the placing of all student activities under the control of a self-governing student council.

School of Architecture, Columbia University, New York. The value of model construction in architecture by enabling the student to see the design in three dimensions; and the establishment of a jury of visitors of practising architects.

School of Journalism, Columbia University, New York. The attendance has nearly doubled and the staff greatly increased; the methods of a typical modern newspaper are followed, actual "copy" being provided by the Associated Press, the New York Times and the United Press.

REGENTS ACTIONS

Under this caption are set forth the formal acts of the Regents that have to do with the incorporation of higher institutions, the conferring of degrees through institutions not possessing full degree-conferring power, the licensing of candidates for professional practice, and the registration of higher institutions.

Charters. From January 1, 1919 to July 31, 1919 the Regents incorporated or amended the charters of the following institutions. More detailed information concerning the incorporations and the powers conferred appears in the Journal of the Board of Regents.

January 30, 1919

Plymouth Institute, Brooklyn, as an educational organization for giving instruction of a business, vocational and cultural character; provisionally, for five years.

April 24, 1919

Dutchess County Historical Society, Poughkeepsie, as an association for the collection and preservation of historical documents and the erection and preservation of historical monuments and buildings; provisionally, for five years.

May 29, 1919

Marymount College, Tarrytown, as a college for the instruction of girls and women; provisionally, for five years.

College of the Sacred Heart, New York; granted an absolute charter to replace its provisional charter.

July 31, 1919

Packer Collegiate Institute, Brooklyn, amended the charter by specifically establishing departments or schools of elementary, secondary and higher grades.

American Institute of Social Service, New York, revoked the charter of December 4, 1902.

Degrees. During the year the following institutions were authorized by the Regents to confer and did so confer degrees upon

their graduates as follows: bachelor of arts, 5; bachelor of science, 30; doctor of dental surgery, 488; bachelor of library science, 6; total degrees conferred by the Regents for the year, 529.

Bachelor of arts. On the following 5 graduates of the Fukien Christian University, Foochow, China:

Chou Ching
Huang Yeh Sheng
Ting Wen Ch'ao

Wu Cho K'uei
Yeh Nien Tzu

Bachelor of science in electrical engineering. On the following 2 graduates of Mackenzie College, São Paulo, Brazil:

João Acacio Gomes de Oliveira

Luiz Augusto Pinto Junior

Bachelor of science in civil engineering. On the following 11 graduates of Mackenzie College, São Paulo, Brazil:

Afonso Ataliba Madureira
Altiro de Faria Cardoso
Astor França Azevedo
Ernesto de Mello Filho
Fortunato Ciampolini
Gaspar Menna Barreto de Barros Falcão

Guido Noschese
João Nascimento da Silveira
John Benjamin Kolb jr
Leonard Yancey Jones jr
Simão Heinsfurter

Bachelor of science in piano. On the following graduate of Skidmore School of Arts, Saratoga Springs:

Crittenden, Helen Louise

Bachelor of science in physical education. On the following 2 graduates of Skidmore School of Arts, Saratoga Springs:

Epps, Helen Bixbie

Heaton, Marguerite

Bachelor of science in home economics. On the following 6 graduates of Skidmore School of Arts, Saratoga Springs:

Gibson, Ida Virginia
Huskins, Blanche Eloise
Pellissier, Helen Louise

Snedden, Doris Reviere
Snyder, Helen Isabel
Thompson, Ruth

Bachelor of science in fine and applied art. On the following graduate of Skidmore School of Arts, Saratoga Springs:

Lothrop, Gertrude Frances

Bachelor of science in secretarial studies. On the following graduate of Skidmore School of Arts, Saratoga Springs:

Milligan, Mary Adelaide

On the following 4 graduates of Russell Sage College, Troy:

Culver, Mary
Sims, Grace

Vanderpool, Dorothy
Whitbeck, Marjorie

Bachelor of science in industrial arts. On the following graduate of Russell Sage College, Troy:

Niles, Helen Richmond

Bachelor of science in household economics. On the following graduate of Russell Sage College, Troy:

Tuller, Rose McKee

Doctor of dental surgery. On the following 216 graduates of the College of Dental and Oral Surgery of New York:

Aaronson, Samuel	Haugh, John D.
Abelson, Abraham L.	Hausman, Emil
Ament, Samuel A.	Henkin, Maxwell A.
Amsterdam, Charles	Hirscher, Saul
Appelbaum, Aaron W.	Hoffman, Harry Edward
Atinsohn, Clara	Hornstein, Fannie
Axelrod, Joseph	Horowitz, Ida
Axelrod, Leon	Howley, William Francis
Bacon, Abraham Irving	Jalofsky, Harry Elihu
Bakst, David A.	Janos, Abraham Lincoln
Beller, Harry	Joffe, Max
Bender, Pauline	Jones, Martha Erma
Bercea, Mary N.	Kanowitz, Max
Berkelhammer, Isaac Edward	Kaplan, Paul
Berkman, Henry	Katchewitz, Samuel
Berlin, Nathan	Katzenbogen, Jacob
Beyer, Alfred	Kavaller, Joseph
Biemer, Frank Henry	Kelleher, John S.
Black, Morris	Kessler, Charles Ralph
Blinn, Abraham Bernard	Klein, Matthew Kay
Blume, Milton Eugene	Klein, Milton
Bogdonoff, Meyer Myron	Klein, Philip
Bogdonoff, Samuel	Knauerhase, Otto Robert
Borst, Marie Louise	Koplin, Maximus M.
Bowles, Sylvan Edward	Korn, Isidore
Breger, Alvin Carl	Kramer, Howard J.
Breslow, David	Krellenstein, Reuben
Brounstein, David Warfield	Kristal, Allen Ira
Byrnes, Sidney Joseph	Landberg, Louis
Canfield, George R.	Landsman, Ned
Capozzi, Fannie E.	Lazarus, Laurence
Cohen, Abraham H.	Leff, Carl
Cohen, Gershon George	Leight, Bernard Bertrand
Cohen, Jesse Martin	Levenson, Jacob
Cohen, Samuel Maxwell	Levine, Abraham
Collins, William Joseph	Levine, Lina
Cotter, Harry Norman	Levine, Samuel
Cyriax, Ernest Arthur	Levine, William
Demarest, William	Lichtenstein, Pauline
Dinaburg, Ruth	Lichter, Bernard
Dintenfass, Hyman	Lifron, Jacob C.
Dubroff, Irving	Linchitz, Samuel E.
Duncan, Abraham	Lubitz, Morris
Dwyer, Horace Shirley	Lurie, Benjamin
Edelman, Anna	Lyons, Leo
Edelman, Nathan	MacDonald, Ernest
von Elvershofen, Walter John Richard	Maher, John Francis
Englander, Walter Sidney	Mahler, Murray S.
Eenteen, George	Mand, Jacob H.
Eolis, Samuel	Mann, Annis
Epstein, Michael	Marder, Joseph Theodore
Esser, Abraham	Meltzer, Herman Samuel
Falk, Richard	Menkowitz, Isidor
Fischbein, Nathan J.	Morse, Harold Lee
Freiwirth, Jacob B.	Moss, Sylvia
Friedman, David	Murphy, Timothy Christopher
Fuchs, Felix Bruno	Nager, Isidore
Furgatch, Sidney B.	Nevin, William Boyd
Gabrielson, Benjamin	Ofner, Henriette
Gerendasy, Samuel	Pasternak, Benjamin
Glatzer, Benjamin	Phillips, Percy T.
Gleason, Daniel Edmond	Platt, Milton Tuthill
Goffin, Harry O.	Pollack, Abraham
Goldberg, Ward Sylvester	Pollak, Bertha
Goldherger, William Simon	Posen, Daniel
Goldfarb, Aaron T.	Poville, Louis
Goldfarb, Israel Joseph	Preschel, Herman
Goldschlag, Henry	Prussin, George
Goldstein, Abraham	Quinn, Walter Aloysius
Gomes, George Anthony	Raphael, Roland Kurz
Greenbaum, Emanuel L.	Rawson, George Harris
Greenberg, Samuel	Reisman, Harry
Greenfeld, David	Reisner, Irving
Gross, Jacob	Riesner, Joseph Leo
Handleman, Herman Samuel	Robinson, Charles
Harkavy, Nathan	Rochester, William Austin
Harris, Lamar A.	Rodier, Louis Joseph

Rosenberg, Louis Sylvan
 Rosenblum, Jacob
 Rosenzweig, Abraham Herman
 Rosenzweig, Arthur
 Rudolph, Joseph
 Sager, Bernard
 Saks, Jack I.
 Samet, Morris
 Sanger, Katherine Day
 Sapirstein, Martha E.
 Scalettar, Harry Emanuel
 Schaffler, Nathan
 Scheer, William
 Scheinberg, Abram Jay
 Schlossman, Samuel
 Schmitt, Lucian Nicholas
 Schneider, Alexander Joseph
 Schreiber, Herbert
 Schroeder, Hyman Leon
 Schulster, Rose
 Schwartz, Matthew
 Schwartz, Regina
 Seligman, Nathan
 Shaftan, Theodore
 Shandel, Rose
 Shapera, Archie
 Scheinberg, Adele
 Sherman, May A.
 Silverstein, Louis
 Smith, Arthur Leon
 Socol, Fannie Vivian

Solovey, Abraham
 Sorock, Morris
 Steurer, Charles Samuel jr
 Stillpass, Lena
 Strum, Jacob Z.
 Sumergrade, Harry Oswald
 Sussler, Abraham Albert
 Swann, Reginald Carmen
 Telsey, Jacob
 Tesser, Emanuel
 Towner, William Arthur
 Tretiak, Alexander
 Tushnett, Samuel Martin
 Udell, Sophia
 Ursini, Drahomir George
 Wack, Louis
 Warlin, Rosa S.
 Weinstein, Sidney
 Weis, Joseph Constantine
 Weiss, Jacob Louis
 Weissman, Joseph I.
 Whelan, Robert Bruce
 Wiener, David
 Wilson, Walter Armstrong
 Wohl, Nathaniel
 Wolkind, Minna
 Wolpert, Benjamin
 Woolley, Delbert Le Roy
 Wyatt, Madeline C.
 Yachelson, Augusta
 Ziff, Morris Bernard

On the following 272 graduates of the New York College of Dentistry:

Abelow, Max
 Abelowitz, William
 Adler, Manuel Leo
 Agnew, Thomas James
 Aguilera, Francisco Vicente
 Applegate, Howard Taylor
 Arkin, Jesse
 Aronowitz, Harry I.
 Asgis, Alfred
 Barry, Thomas Aloysius
 Berger, Samuel
 Berlinski, Benjamin
 Bernikow, John
 Bialo, Emanuel
 Bloomfield, Samuel
 Bookbinder, Joseph
 Boos, William Richard
 Brooks, Isidor
 Burack, Abraham
 Burke, Joseph Roger
 Burnstone, Michael
 Burr, Robert Henry
 Camenir, Froim
 Carmel, Aaron
 Cash, David Pintus
 Chaitovitz, James
 Chenitz, Philip
 Christian, Henry George
 Clark, Asa Baldwin jr
 Coen, Clarence Hollander
 Cohan, Samuel Howard
 Cohen, David Simon
 Cohen, Samuel
 Cohen, William
 Cunningham, William Joseph jr
 Danetz, Louis
 Delany, Henry Beard jr
 De Leo, Peter Paul
 Dclson, Leon
 Denner, Israel
 Donahue, Frank Thomas
 Dow, Stanley Milton
 Drespel, John
 Duhl, Louis
 Ehrich, David Saul

Elters, Murray
 Feitelberg, Samson Adolph
 Fleisig, Joseph
 Feldman, George
 Finkelstein, Louis
 Forman, George Henry
 Frahm, Gustav Paul jr
 Franzblau, Samuel
 Frey, Harry
 Friedman, Edward
 Friedman, Joseph
 Friedman, Louis
 Friedman, Philip
 Friedmann, Ignac John
 Gallin, James
 Gehle, Ernest Charles
 Gilman, Charles Harold
 Ginsburg, Nathan
 Glucksman, Dennis Daniel
 Goerke, Francis Charles
 Goldberg, Philip
 Goldfish, Max Jacob
 Goldman, Irving
 Goldman, Jacob
 Goldschlag, Louis Morris
 Goldstein, Abraham Samuel
 Goldstein, Barney
 Goldwyn, Walter
 Goodman, Samuel
 Gottesman, Albert
 Gottlieb, Leon
 Greenberg, Mitchel
 Greenberg, Paul
 Greenberg, Solomon
 Greenfield, Abraham
 Greengold, Samuel Morri
 Gruber, Jacob
 Guerra, Rocco Nicholas
 Gurland, Irving
 Guterman, David
 Halpern, Julius
 Harris, Irving
 Harris, Jack
 Harrison, Jacob
 Hayman, Sylvester

Hellman, Isaac	Parmet, Myron Meyer
Helpgod, Ruben	Pelzer, Frank Andrew
Hendrickson, William Frank	Pepper, Aaron
Hirschhorn, Seymour	Pickhardt, Edwin Wallace
Hollander, Jacob	Pletman, Abraham
Hotzman, Victor	Profumo, Louis Leo
Hordes, Irving	Queern, John jr
Horowitz, Abraham Harold	Rachles, Nathan Maurice
Hutchinson, Abraham Morton	Raphael, Sol Louis
Hyde, William Howard	Rappaport, Abraham
Insel, Benjamin	Reichard, Samuel
Isaacson, Samuel Adolph	Reiner, Elias
Jackson, George Percival	Richter, Isidore Alexander
Jeming, Morris Emine	Rohr, Bernard
Johnson, Oscar Edwin	Ronan, Leslie James
Kantrowitz, Nathan George	Rosen, Abraham
Karlan, Harry	Rosen, Irving Herman
Kaplan, Harry	Rosen, Samuel Lambert
Kaplan, Martin Bernard	Rosenberg, Harold Louis
Keller, Isaiah	Rosenfeld, Jack
Kessler, Barnett	Rosenhain, Bertram
Kirsch, John George	Rosenthal, Max
Klaus, Sidney David	Rosin, Louis
Klein, Isidore	Rowe, Max
Klein, William	Rublin, Jacob
Knapp, Albert	Safchick, George
Kniasewker, Nathan	Sarna, Philip
Kramer, Harry David	Scaravaglione, Angelo
Krantz, Morris	Schauer, Benjamin
Krauss, Samuel	Scherzer, Morris Bertram
Krupp, Henry Carl	Schloss, Mervyn Livingston
Kruse, Edward Henry Louis	Schneider, Harry
Kuhn, Jacob Lewis	Schonbar, Max
Kulik, Irving Isaac	Schwartz, Abraham
Kunin, Bernard	Schwartz, Harry Abraham
Kupersmith, Julius	Schwartz, Jacob
Lachs, Israel Meyer	Schwartz, Samuel
Latinsky, Benjamin	Schwartz, Jerome Dewey
Lauckner, Robert Rudolph jr	Schweitzer, Jerome Meyer
Lauer, Frederick Ferdinand	Seides, Harry Morris
Lazarus, Louis	Seifman, Benjamin
Lefkowitz, Isidor	Selverstone, Jonas
Lentz, Maxwell Jacob	Senft, Morris David
Leshin, Isaac	Shank, Samuel
Levine, Max	Shapiro, Elias
Levy, Meyer Joseph	Shield, Bernard Aaron
Lewis, Percy Paul	Siegel, Morris
Libowsky, Nathan Merle	Simonson, Charles
Liebman, Louis Henry	Slavin, Sidney
Liebross, Joseph Jerome	Slobod, Lazarus
Linenberg, Abraham	Slutzky, David
Linn, Morris	Smith, David Francis jr
Liss, Isadore	Soloway, Samuel David
Lowenthal, Wilfred Baum	Sommer, David Tobias
Lurie, Meyer Hyman	Sonnenblick, Herman
Mack, George Augustus jr	Sperber, Irving
Machl, Herman Alex	Spitz, Harry
Mahler, Samuel Harold	Squires, Franklin
Marsak, Samuel	Stamler, George
Matzner, Hugo Victor	Stanbrough, Harold Ashworth
May, Louis	Stanislaw, Paul
Mc Gowan, William Joseph jr	Stark, Isaac
Mc Hugh, Francis Xavier	Starr, Simon
Mc Laughlin, Harold George	Steinberg, Philip
Medwin, Isadore	Sternberg, Morton
Meylach, Louis	Stier, Irving
Meyrowitz, Benjamin	Stiglitz, Samuel
Milberg, Isidor	Stillier, Jacob
Mills, Charles Sumner jr	Stone, Max Arthur
Mink, Solomon	Strauss, Joseph Herman
Morgenstern, Harry	Sugerman, Israel
Moskowitz, Charles	Tanzer, Leo
Muth, Frederick William	Tear, Henry Nathan
Needle, Mortimer William	Tobias, Alexander
Neuwirth, Louis	Tokarski, Charles Casimir
Nochovitch, Robert Hanany	Tolk, Leo
Obler, Harry	Tow, Irving Arthur
O'Brien, Walter Joseph	Tunick, Morris
Osrowitz, Myron	Turkel, Morris
Ostberg, Eric	Unger, Harry
Owens, Albert Henry	Wagner, William

Warshaw, Herman
 Waterman, Samuel
 Webster, Archibald Gordon
 Weg, Nathaniel
 Weiman, Charles
 Weinbach, Bernard
 Weinstein, George James
 Weinstein, Nathan
 Weisbrod, David
 Weiss, Kallman

Wiener, Harry Charles
 Wigdorowitz, Harry Abram
 Winter, Gerson
 Wolff, Samuel
 Wolfshaur, Jacob Louis
 Wyland, Joseph Edward
 Zaitlin, Isidore
 Zohman, Max
 Zucker, Louis
 Zwerin, Henry

Bachelor of library science. On the following 6 graduates of the New York State Library School:

Harris, Rachel A.
 Hinesley, Pearl
 Reed, L. Ruth

Rummelhoff, Julie
 Stauffer, Robert E.
 Tai, T. C.

Licenses. Under the professional laws, the Regents conducted at stated intervals during the year examinations for admission to the practice of teaching, medicine, dentistry, dental hygiene, pharmacy, as druggists, veterinary medicine, optometry, chiropody, for the registration of nurses, the certifying of public accountants and of shorthand reporters.

It has not been the policy of the State to make the advancing requirements of its professional laws retroactive. Hence licenses continue to be issued under earlier statutory requirements, which are reported under the item of exemptions. These exceptions annually diminish.

As the result of state examinations during the year the Regents licensed 560 physicians, 2 osteopaths, 678 dentists, 38 dental hygienists, 286 pharmacists, 171 junior pharmacists, 58 druggists, and 33 veterinary surgeons. They registered 1390 nurses, 6 certified public accountants, 36 optometrists, 47 chiropodists and 2 certified shorthand reporters.

Under the exemptions of the various professional laws, the Regents also licensed during the year 62 physicians, 25 dentists, 38 pharmacists,¹ 1 veterinary surgeon, and registered 64 nurses, 2 optometrists, 1 certified public accountant and 53 architects.

The licenses granted by the Regents during the year on examination and exemption are given in tabular form on other pages of this report. In those tables the candidates are given in three groups: (1) New York schools; (2) schools in other states; (3) schools in foreign countries.

During the year the tabular statistics reported under this caption and the tables from which these facts are derived were given very careful consideration in a conference of those actively engaged in the

¹ In exchange for former board license.

preparation of the report. It was contended (1) that these tables were based on the experience of the Regents office in the first decade of the formal administration of the professional practice acts by the Regents; therefore they should not be abandoned except for cause; (2) that these tables were official records accessible to the public, of interest to the licensee, to the institution, to the clerks of registration and to the public; (3) that the facts presented are the most convenient, complete, accurate and exhaustive of any published by individuals, private, corporation, state or national authorities; (4) that to attempt to modify the tables by omission of any of the data, for example, examined or indorsed under the caption "License," destroys a most interesting and valuable collection of facts regarding examinations in the possession of the Department; (5) that present plans for the issuance of the reports in separate volumes whereby the report on higher education should be available for distribution within three months from the date of issue will make the information available for far more extensive use than heretofore.

In conclusion, it was decided that the entire statistical matter should be carefully revised with a view to improvement in form and fact. (1) In form that all tables read vertically on the page. (2) That all tabular matter be condensed and brought together uniformly as far as practical. (3) That the facts of all tables be made uniform so far as possible. (4) That those interested in the statistical tables be asked for suggestions relative to their improvement.

As a result of these conclusions, letters were addressed to representatives of institutions in each class, university, college professional, technical and other schools and to representatives of each state board of examiners, requesting suggestions for the improvement of the statistical matter. As a result of this effort the statistical matter of the succeeding reports have been somewhat modified but no essential item has been omitted.

Registration. The higher institutions of the United States, registered by the Regents during the period January 1, 1919 to July 31, 1919, and those whose registration was rescinded, are as follows:

Alabama

School of Architecture, Alabama Polytechnic Institute, Auburn. President, Charles C. Thach. Sec. 441. 31 J1 19.

Illinois

Carthage College, Carthage. President, Harry D. Hoover. B.A., B.S. Sec. 404. 24 Ap 19.

Monmouth College, Monmouth. President, T. H. McMichael. B.A., B.S. Sec. 404. 29 My 19.

Massachusetts

Wheaton College, Norton. President, Samuel V. Cole. B.S. Sec. 404. 25 Je 19.

Michigan

Michigan Agricultural College, East Lansing. President, Frank S. Kedzie. B.S. Sec. 403. 31 Jl 19.

Missouri

St Louis University, St Louis. President, Bernard J. Otting. B.A., B.S. Sec. 404. 1 Ja 19.

Nebraska

College of Medicine, University of Nebraska, Omaha. Dean, Irving S. Cutter. Sec. 409. 29 My 19.

New Jersey

Department of Pharmacy, College of Jersey City. Dean, Joseph Koppel. Rescinded, sec. 411. 20 F 19.

All Souls' Hospital, Morristown. Superintendent Sr M. Viola. Sec. 421. 20 F 19.

Newark City Hospital, Newark. Superintendent, Mary F. Mason. Sec. 421. 30 Ja 19.

New York

Ginling College, University of Nanking, China. President, Matilda C. Thurston. B.A. Sec. 404. 29 My 19.

St Joseph's College for Women, Brooklyn. Director, Thomas E. Molloy, Freshman, sophomore and junior years in arts and science approved. 24 Ap 19.

University of Buffalo. Chancellor, Charles P. Norton. B.A., B.S. Sec. 404 and 561. 29 My 19.

School of Education, Teachers College, Columbia University, New York. Dean, James E. Russell. B.S. in practical arts. Sec. 408-b. 31 Jl 19.

School of Dentistry, Columbia University, New York. Chairman, James C. Egbert. Rescinded, sec. 410. 1 Ja 19.

Department of Hospitals and Dispensaries Nurse Training School, Buffalo. Principal, Emma Keating. Sec. 421. 31 Jl 19.

Peoples Hospital, New York. Superintendent, William I. Strovich. Sec. 421. 25 Je 19.

Pennsylvania

Augustinian College of Villanova. President, James J. Dean. Ph.B. Sec. 404. 25 Je 19.

School of Dentistry, University of Pennsylvania, Philadelphia. Dean, Charles R. Turner. Sec. 410. 20 F 19 (as of S 18).

South Dakota

College of Medicine, University of South Dakota, Vermillion. Dean, C. P. Lommen. Sec. 409. 29 My 19.

Texas

Medical Department, University of Texas, Galveston. Dean, W. S. Carter. Rescinded, sec. 409. 30 Ja 19; registered, sec. 409. 31 Jl 19.

Wisconsin

Marquette School of Medicine, Milwaukee. Dean, Louis F. Jermain. Sec. 409. 31 Jl 19.

FOREIGN INSTITUTIONS

In accord with the announcement of last year, an effort has been made to present accurate information from the foreign institutions incorporated by the Regents and reporting to them annually. The alphabetical classification of these institutions is preserved in the report.

Brazil. In the light of the new situations which the war and peace bring to Brazil, the institution in that country incorporated by the Regents, is augmenting and intensifying its work in industrial chemistry, in bilingual commercial education, in steel construction, in hydraulic developments and in general, mechanical and electrical engineering.

Mackenzie College, São Paulo. The president reports that because of the lessons of the war that institution continues the military element in its instruction and is creating a permanent officers training corps. He acknowledges the constant receipt of the University publications which are of "more value to me than you would perhaps suppose beside keeping me in a realization of my relation to the University." President Waddell has seen thirty years of service in Brazil and while his seven visits to the United States have generally been of the over-one-steamer variety, it requires his constant effort to keep up his home relations. His college problems are set forth in the following report.

The proposed definition of the college as "an institution having at least eight professors who give their entire time to instruction therein" is rather difficult for us, as nearly all our instructors do some teaching or supervision in our high school. We have practically a six-year course in technical studies beginning with the middle of the high school course. While some of our instructors teach only in the two lower years and others teach only in the four higher years, a large percentage teach in different parts of the course. We find it of great value, for instance, to keep the chemistry and physics under the control of the same men from start to finish and our college instructors in these subjects lecture on them in the two high school years, leaving the demonstration of the laboratory work and the conducting of textbook work to junior instructors, who in turn sometimes superintend laboratory work in the college course.

Our college year consists of 36 weeks of actual work, excluding examinations, of 18 or 19 full periods a week or the equivalent.

Members of our teaching staff in independent charge of courses sometimes, as in the case of Portuguese, have neither college diplomas nor graduate study, although they have been all their lives students of their subject. Brazil has no such thing as a literary course, while it has a great amount of individual literary study. It would be hard to find more profound students of

language than the two who have successively held the chair of Portuguese during three-fourths of our existence as a college, but were guiltless of formal degrees.

We give a larger proportion of high-grade teaching to our students than the average American college, but under 4 we can not reduce the teaching hours a week to 16. Almost all of our instructors, beside classroom work of 12 or 13 hours a week, superintendent drawing room work, field work and so forth an equal number of hours, but counting as perhaps 5 or 6 periods. It is this carrying of the high grade instructors' inspection into that section of college work ordinarily left to young teachers that does the most to raise the results obtained.

Of course in a technical school the curriculum has its limitations and we cut our coat according to our cloth with a mixture of parsimony and liberality that keeps the balance on the right side and does as good work as we possibly can do.

We have good working laboratories and by modification of the Cincinnati plan are able to extend their usefulness very considerably. I am ashamed of our library, but that is one of the things that we are working for.

Under 8 we have a productive endowment in the shape of lower schools that bring us in as net school revenue which may be applied to college work a very considerable sum of money every year. I do not see why the absence of an endowment should make a college cease to be a college if it can from funds and lower schools maintain effective courses. At the same time I wish we had an endowment. I would sleep easier nights and stay longer in the United States when on a visit.

Our salaries are never as large as I would like to have them, but they secure us the best instructors in the region and a sprinkling of foreigners. They range at present rates of exchange from \$3000 down.

We make practically no exceptions as to entrance requirements and our graduates have been successful as candidates for higher degrees in the United States.

No year of our course has less than 650 hours of recitation or the equivalent, laboratory equivalents being 2 or 3 hours, and drawing room equivalents 3, for one.

I should say that in giving 18 or 19 periods a week we are governed by the fact that Brazilian students, as a rule, are less inclined to spend prolonged time in preparation for a recitation than American students and classroom work must be somewhat more prolonged to obtain the same results. This is a difference which tends to disappear. Thirty years ago it was much more marked than it is today, but it is still noticeable to a person accustomed to conditions in both countries.

China. In May and June of 1919 there was a "Chinese National Students' Movement" which expressed patriotically the resentment of the Chinese students against the decision of the Shantung question at the Paris Peace Conference. On account of this movement the colleges of China had to stop their classes before the academic year ended.

The year under review has several interesting items in connection with the higher institutions of the university located extraterritorially. One of them may be properly introduced from the following statement, "I also would like to know, which I have never known, how we came to confer degrees on [through?] missionary colleges and whether in your opinion it is a matter which should be continued and whether it is susceptible of improvement." The full answer to the three questions set forth in this one sentence is beyond the limits of this report. But it is proper to set forth as concisely as possible the policy of the State that has resulted in the incorporation of extra-territorial educational institutions.

The student will find that the policy of the State in regard to educational corporations has been consistent since its inception in 1784 when the Regents of The University of the State of New York was incorporated by legislative action.

It will be recalled that on July 9, 1776, five days after the signing of the Declaration of Independence, the fourth Provincial Congress of New York assembled, and on the next day, July 10th, it became the Convention of Representatives of the State of New York. On the 1st of August it appointed a committee to prepare a form of government and on April 20, 1777, the first constitution of the State was adopted.

On March 24, 1784 the governors of Kings College submitted the charter of that institution for revision and correction, and on May 1, 1784 the Legislature altered the name and charter of Kings College and erected "an university within this State." It empowered the Regents "to ordain and make ordinances and by-laws for the government of the several colleges which may or shall compose the said university." And it further empowered the Regents "to found schools and colleges in any such part of this State as may seem expedient to them . . . vesting such colleges so endowed with full and ample powers to confer the degrees of bachelor of arts and directing the manner in which said colleges are to be governed."

It will be noted that act uses the words "ordains" and "make" the ordinances and by-laws, "found" schools and colleges to "confer" the degrees of bachelor of arts and limits such ordaining and founding to such parts of this State as may seem expedient to them.

This act, subsequently amended, remained in force for nearly three years. On April 13, 1787 the Legislature, to the end that the constitution of the University might appear entire in one law, delineated and established the same by a new act which repealed all

former acts. This University Law, it will be noted, was adopted by the State prior to the meeting of the Federal Constitutional Convention May 25-September 17, 1787. This first Education Law in article VII committed to the Regents the power to incorporate colleges within this State with all the rights and privileges enjoined by Columbia College. It empowered the Regents with the right of conferring all such degree or degrees above or beyond those of bachelor or master of arts as are known to or usually granted by any university or college in Europe.

The Regents, not deeming their powers sufficient or regarding them at least as uncertain, asked for and obtained special acts for the purpose of incorporating colleges of physicians and surgeons, and in 1853 their powers were precisely defined. "The Regents might grant a charter conditioned to the payment or obligation or investment of the whole of said fifty thousand dollars within five years." Upon presenting evidence of the fulfilment of these conditions the charter was then to be made perpetual. Herein we find the powers of incorporation of educational institution vested in the Regents with authority to issue provisional and absolute charters.

Meanwhile on April 12, 1848 by chapter 319, the Legislature enacted a general law "for the incorporation of benevolent, charitable, scientific and missionary societies." Under this general act and in conformity therewith, articles of incorporation were filed with the Secretary of State for the incorporation of Syrian Protestant College in Beirut, Syria, in 1862; Robert College in Constantinople in 1864; Syracuse University, 1870; St John's Brooklyn, 1871; and Peking University, China, 1890.

Although the Legislature from an early period, but more especially since the adoption of the constitution of 1821, exercised the power of granting charters, the Regents were left at liberty to exercise this privilege at their discretion and in a large majority of cases the corporate powers of colleges and academies were derived from them without instructions from the Legislature.

The revision of the education laws, both general and professional, during the decade 1888-98 and the constitution of 1894 restricted the powers of the Legislature until July 19, 1907 (chapter 646) the Legislature required that all educational institutions be incorporated by the Regents. On July 7, 1891 the Regents incorporated MacKenzie College at São Paulo, Brazil, and in 1893 Canton Christian College. In accord with this policy, and in continuation of the procedure originating under the general act of 1848, the Regents incor-

porated the University of Nanking, China, in 1911; Peking Union Medical College in 1916; Shanghai Medical School of the Rockefeller Foundation in 1917; Fukien Christian University in 1918; Ginling College by affiliation under amended charter of Nanking, December 1912.

Recurring to the second question, regarding the incorporation of extraterritorial institutions, "whether in your opinion it is a matter which should be continued," the answer is found in Regents action not only as set forth above in the continuation of the policy but also in the correspondence.

On the reorganization of the University after the amendment of the University Law in 1904, all departments of work were required to prove their value, and this question was challenged with the rest. It was answered in the negative by the chief of a newly organized division and the statistics of these institutions were dropped from those of the other institutions of the State. In 1910 the president of one of the extraterritorial institutions wrote: "We are facing the probability of offering degrees of B.A. and B.S. in connection with the college department of our institution and in this connection I would be glad to have you inform me what are the conditions which the Board of Regents have adopted for control of the granting of degrees by such institutions as ours conducting their work in China which have received their charters from The University of the State of New York." In reply thereto and referring to the special institution in question the following statement was made: ¹

Under the provisions of that charter it would seem proper that the authorities apply formally for the right to confer degrees and submit

1 Courses of study, both preliminary and collegiate, leading to the various degrees they wish to confer.

2 Designate the professors that will impart college instruction.

3 Indicate what portion of the property and equipment will be devoted exclusively to college work, with an estimate of the amount of property and income available therefor.

4 Estimate the number of students to enter on courses leading to degrees with the time when the first class will probably graduate.

5 Determine the date of annual graduation with the approximate time when the examinations will be completed and recommendations possible for Regents action in conferring the degrees.

6 Nominate three disinterested residents of Canton, China, or vicinity—preferably American college graduates—from whom the Regents may appoint their representative.

In September 1910 the president wrote, "The subject of a college upon missionary grounds presents problems very different from a

college in this State. It has been a subject of considerable discussion in our board of trustees whether the requirements which you properly make for a college in this State really should be applied to a college of so different a character and so far away and under such different surroundings."

The difficulties were set forth formally.

1 In regard to the matter of endowment. "There are no colleges in China which have large endowments . . . so it seems to me that if we are not going to be endowed with the right to confer degrees until we have a productive endowment such as you properly call for in the case of a New York college, the chances of our ever being able to give degrees are very slim."

2 The curriculum of a college in China will necessarily be quite different from a college in New York State. They are compelled to teach the students the very language in which instruction is given. It requires years to fit the students to understand the higher courses. Consequently instruction must necessarily be more elementary than will be the case in the college in the State.

3 China calls for teachers and it is desirable to send out as large a body of young men as possible that shall be qualified to teach modern subjects in a modern way.

It was accordingly proposed to institute a short course and at the end to give a diploma to those that meet the tests which would be a testimonial to their acquirements. It was not contemplated to carry the persons through the ordinary four years' course and yet there was felt to be a necessity for some kind of a degree. And the question arose would the Regents allow the conferring of college degrees on less than the college curriculum?

4 Should the college in China be held to the same rules in regard to size of endowment, curriculum, teaching force and student body?

5 Would it be allowable to incorporate such an institution under the general laws of the State of New York?

It was made plain to the writer that it was not allowable to incorporate such educational institutions under any of the other general laws of the State; that the customs of colleges in this State might properly be a guide in developing the procedure for the recognition of work completed in college courses, namely, the clear discrimination of degrees, diplomas and certificates; that the Regents would cheerfully render the board of trustees and the faculty of the institution such assistance as came within their experience to the extent of amendments, if necessary, and the issuance of degrees

jointly until such time as the institution could secure the property and endowment to warrant its receiving an absolute charter.

In a letter dated June 13, 1914, a professor of the college writes prophetically as follows:

If you had the responsibility laid upon you to select the most effective agency for producing *vertebrated manhood* in China some Rockefeller or other foundation promising to institute in proper parts of China just the machinery you selected, perhaps you would call for small well-manned colleges.

Next to good homes, my choice would be, public schools taught by teachers whose characters one might be glad to see reproduced in their pupils. We have aimed in building the college to establish primary, grammar and high schools first, which would in time supply students to a good small college. For fourteen years this perhaps has been realized. Two college classes are now being taught. The high school (middle school or gymnasium) is the model now followed by the government.

Suppose an ideal educational plant had been built in China as an outgrowth of missionary effort, the greatest difficulty it would encounter would perhaps be one of which you would not at first think. It would not be dearth of students. We could double our numbers if we had staff and floor space. It would not be the difficulty of securing appointments for teaching positions. Men of the highest type in our best American colleges respond most promptly to our calls. The great difficulty is to get American friends to examine the work and to realize its excellence. The air is filled with clamors from all series of schools and things each of which says it is the best of its sort.

Won't you carefully read the reports and publications that we send you and in every possible way familiarize yourself with the college and then help us to give American givers a just estimate of it?

The result of this correspondence was the amendment of the charter of the college referred to whereby it was given power to confer jointly with the Regents baccalaureate degrees in arts and science, the result of which brings us to the third question regarding the incorporation of extraterritorial institutions by the Regents.

The final question "whether it is susceptible of improvement," may be set forth clearly from correspondence of the current year.

In a letter dated December 11, 1918 a writer says:

Upon my return from China in June 1917 I sent to ——— at his suggestion a memorandum regarding the universities and colleges of China and their relative academic standing—the rough basis for the beginning of a list by which students come into America from Chinese colleges might be graded according to their actual preliminary training. This memorandum was drawn up after consultation with many of the college presidents and other educators in China and after a year of residence in China during which I had delivered a series of lectures in almost all of these institutions.

I classed together Canton Christian College, Boone University, Peking University, Nanking and Chang Sha. These seem to me approximately

equal in standing. Hong Kong and St John's seem to me slightly more on the order of universities than any of the others. . . . I feel that in general the Chinese colleges of this class correspond to the first two years in a first-class American university.

December 26th he wrote:

The work done in the Chinese colleges and so-called universities was in general about such as to fit for entrance to the junior class in first-class American colleges and universities. I do not mean in English alone, but the work in general. . . . These colleges are doing pioneer work among the people who have lived for generations under a petrifying system of education. It is a tremendous struggle to bring such institutions up to the highest western standards, and I feel that those who are responsible for the success of those institutions should be encouraged by the largest possible amount of consideration for work done, and should be encouraged as circumstances will allow, to increase their standards and their equipments. Although the Chinese students in general have an astonishing facility in the use of English, which in most cases is the medium through which higher western education is conveyed to them, they are, after all, using a foreign tongue, and that in itself is a serious handicap. We have abundant precedent for the granting of higher degrees to men who have worked with this handicap. A degree among the Chinese is a tremendous incentive to work, and after all, what we are aiming at is assistance to China in solving the great problems which are hers. I feel that it would be a mistake to withhold our degrees if the conferring of them, although upon a nominally lower plane than we require at home, will help in this great process. Even under these conditions the value of degrees will not vary more than it does in our own country, for we know that a B.A., a B.S., an M.A., or a Ph.D. means a very different thing when granted by different colleges, to say nothing of the LL.D. and other honorary degrees. It is perhaps not fair to compare the Chinese colleges and universities with our highest degree-granting corporations; I think it would be fairer to compare them with our lowest degree-granting corporations.

This statement naturally raised the question whether the Regents should be a party to the granting of the baccalaureate degrees to these men in the foreign institutions for the reason that should they come to America with a degree bearing the signatures of the Chancellor and President of The University of the State of New York and should seek admission to graduate schools, it might be somewhat disconcerting to have to acknowledge to the university to which they might be seeking admission that the B.A. degree was only the equivalent of the completion of sophomore work in American universities. It had been assumed that while the work in English might correspond to the sophomore work only, the additional work which these men did in Chinese should be accepted as complementing the work done by them in English.

But the flexibility of the Regents requirements made possible by their rules that have the effect of law, easily cared for this apparent difficulty, for under the rules of registration colleges registered by the Regents as meeting the requirements of the Court of Appeals may require four years of high school preparation for admission and two years of college work for graduation, or three years of high school work and three years of college or two years of high school work and four years of college. Wherefore, incorporation of these extraterritorial institutions by the Regents with degree-conferring power automatically registers them as meeting the requirements of the Court of Appeals. And so fast as requirements can be advanced by the institution toward those exacted for the absolute charter, the registration of the degrees is raised to meet the requirements of sections 404 and 401.

A final citation from a Regent's letter may properly show the close relations existing between them and the foreign institutions independent of the stated reports required by the Education Law:

Then, too, we have another source of reliable information upon the same subject. When a man like Regent Elkus becomes Ambassador to a country like Turkey, and there serves fifteen different nationalities during a most trying war, he comes to know, as no one else can, the reputation of the educational institution which is doing educational work under an American charter under as trying conditions as it is possible for an educational institution to meet. When such a man comes back to us and confirms the report of his predecessor to the effect that the graduates of such colleges as Robert College at Constantinople, and the Syrian Protestant College at Beirut, are the hope of the Near East, we are bound to believe it. We can not doubt that such institutions, impartially educating Jew and Gentile, Christian and Mohammedan, Protestant and Catholic, or even people of no particular faith, are really helping the world in the most permanent, Christian and ideal way possible. When Rumanians, Bulgarians, Serbians, Turks, Greeks, Syrians, Armenians, Jews, Arabs, Persians, and many other nationalities, of all faiths, and no faith, by the hundred, study with each other, recite with each other, play with each other, and come to know each other, they must inevitably come to respect each other's religious and political beliefs. When they do that, they will bury race and religious hatreds, and see that the only permanent way for a democracy is the way of peace and justice and righteousness. It may be a slow process thus to bring about permanent peace in the world, but let us hope that even the great war that has passed will ultimately be seen to have carried this educational work a long step forward.

Bureau of Chiaoyupu. Progress only can be reported regarding the Peking Government University, Peyang University and Shanghai Polytechnic Institute. Their prosperity in a marked degree is reported, but the delays in forwarding information and publications has prevented the formal recognition of these institutions.

Rockefeller Foundation. A review for 1919 was published by President George E. Vincent of the foundation. The report of special interest to the public includes "Public Health" and "Medical Education." The latter may prove of interest to the readers of this report. Under the caption "Western Medicine in China" Doctor Vincent says:

In the introduction of the theory and practice of modern medicine among the Chinese, Japanese influence has been direct and important. For the most part the government and provincial medical schools have been staffed by Japanese-trained Chinese, together with considerable numbers of Japanese teachers. A large majority of the native physicians who profess to practise western medicine have been trained in Japan. Unfortunately with few exceptions these Chinese medical students have resorted to special schools which are not fully recognized by the Japanese government. It is even asserted that the tests applied to Chinese graduates have been lenient. The Chinese medical schools and hospitals suffer from lack of well-trained staffs, absence of adequate laboratory and hospital facilities, the intrusion of political and social influences, and the generally disturbed condition of the country. In a few cases there are hospitals under Chinese control which approach average western standards.

A Japanese medical school in Moukden, until recently a German-manned school in Shanghai, a British medical school in the University of Hongkong, groups of European and American physicians in the chief treaty ports, hospitals supported by local town councils or voluntary societies in foreign concessions, and military and naval hospitals maintained by various foreign governments, have had an appreciable educative effect upon Chinese public opinion. The influence of Chinese physicians who have been trained in the medical schools of the United States and of Europe has been significant and of increasing weight.

Missionary societies have played a leading part in introducing a knowledge of modern medicine into communities scattered throughout the entire Republic. Dispensaries, begun as adjuncts of evangelistic work, have in many cases developed into small hospitals, in a few instances in larger centers into institutions comparable with the average of those in the West. In 1919 the Protestant missions in China supported 317 hospitals. Catholic orders and societies maintain hospitals and dispensaries in large ports, such as Shanghai and Hankow, and in several smaller places.

The need for Chinese assistants in these missionary hospitals led to the opening of pioneer medical schools, which, through the devotion of the teachers, were able to give a preliminary training of practical use in the routine of the hospital. Some of the students of exceptional ability made considerable progress. A few were sent to western schools to complete their training. Of late, missionary medical education has been concentrated in a few schools.

The Chinese National Medical Association, composed of Chinese with modern training, and the China Medical Missionary Association, are professional organizations which seek to advance the interests of dispensary and hospital service, of medical training and research, of professional standards,

and of public health policies in China. The latter society has rendered substantial aid to medical missions by fixing a minimum standard of personnel, equipment etc. for a missionary medical school, by its advice concerning the number and distribution of such schools, by cooperating in the translation of medical works into Chinese, by a survey of missionary hospitals, and in various other ways.

Canton Christian College. Canton Christian College is situated on the north shore of the island of Honam, $2\frac{1}{2}$ miles east of the center of Canton city, the metropolis of Kwangtung province, which is but 90 miles from the great port of Hongkong. The college property lies along the Pearl river, nearly opposite the Tungshan suburb of Canton.

The college has a campus of 130 acres in the open country, and controls about one-fourth of a mile of river front. Most of the buildings are on elevated land from 40 to 70 feet above the river, and enjoy beautiful views in all directions. There are more than a score of permanent buildings of brick and reinforced concrete, as well as many structures of less substantial character.

The college is situated near the village of Honglok, and has a post office, an agency under the Canton postal administration, on its campus. The postal address of the college is Honglok, Canton.

April 7, 1919 Secretary Henry Grant of the board of trustee reported the action of the trustees at their December 13, 1918 meeting when a resolution was passed petitioning the Regents "for power to confer degrees upon graduates."

On April 8th he was informed that the charter would have to be made an absolute charter for full degree-conferring powers and that it was extremely doubtful whether the Regents could at this time grant an absolute charter upon the showing which the college might be able to make as to its financial resources and its equipment now going on through other universities in China. And also in view of the fact that the chartering of institutions in foreign countries is really educational missionary work being carried on under the auspices of the Regents in which the Regents must necessarily have a joint part in the conferring of the degrees.

Registration. The joint degrees conferred by the college and the university confer all the rights and privileges accorded colleges under sections 24, 401, 403 and 404.

Summaries. For a detailed report of the year see exhibit A, table 2. There were teachers of college subjects numbering 30; students 65; and degrees conferred 0.

Fukien Christian University, Foochow. A sidelight on war conditions is shown in the chartering of this institution. This university was chartered by the Regents June 6, 1918. In December the secretary of the board of trustees wrote regarding a cablegram recently received by the Regents from President Jones regarding the charter. The secretary says: "The charter was received in my office on August 3d . . . copy of the charter has been sent to President Jones. This was very much delayed because of the receipt of the charter while I was absent from New York in a three months' service at one of our training camps."

That such delays had been anticipated is shown in the provision made in the issuance of the joint degrees by the Regents and the officials of the University.

This ought not to trouble him in the least, for the reason that six months in advance of the time that they are to graduate students, the names of such students are forwarded to this Department with the credentials showing that they are entitled to the degree proposed to be conferred, with a recommendation that the Board of Regents authorize the issuance of diplomas conferring such degrees. Accompanying the recommendation is a fee of \$5 for each of the diplomas, and at the meeting of the Board of Regents next subsequent to the receipt of the recommendation, the names are submitted by me to the Board of Regents for approval, and after an approving vote by the Board of Regents, we at once prepare and issue the diplomas duly sealed with the seal of the University and signed by the Chancellor and President of the University. If it is desired that there be the Secretary of State's official seal upon these diplomas, \$1 must be added for each such Secretary of State seal. The diplomas are then at once forwarded to the resident president in New York City, who secures the necessary signatures of the board of trustees of the university, and the diplomas are then forwarded to China for any additional signatures that may be needed. All of this can be accomplished within a space of time that will allow the handing of the diplomas to the students upon the date of their graduation.

Another question which is troubling President Jones is the details of administration, such as the restriction of entering classes, requirements for graduation, etc. Only students can be entered who meet the requirements of the Board of Regents for admission to higher institutions of learning. Naturally, they would substitute for some of the entrance requirements laid down for students in this country the studies in the Chinese language and literature and Chinese history, etc., but the general entrance requirement, so far as standard is concerned, would have to be of as high a standard as that which we require of our colleges of liberal arts and science in China, for example, Nanking University.

As to the requirements for graduation, the same restrictions would hold for this new university that are in force in Nanking University.

I might add, just as a reminder, that the only difference between an absolute charter and a provisional charter, as to rights and advantages, is that

a provisional charter can be revoked without formal notice, by preferring charges against the institution, or giving any reason for revoking the charter; whereas, an absolute charter can not be revoked unless due and timely notice is served upon the institution and the reasons for revoking the charter stated, and an opportunity afforded the institution to make reply. It ought to be stated, however, that no provisional charter has ever been revoked so long as the institution has been making an honest endeavor to comply with the provisions of the charter, even though the time limit in which they must comply may have elapsed.

Diplomas. The bilingual difficulties experienced in the issuance of joint diplomas by the Regents and the extraterritorial institutions appear in the correspondence of the year:

Copy has gone to the engraver for determination of whether he will make a plate or a stone for the diplomas and to give us an estimate of what these diplomas will cost. It is a difficult proposition and I am not at all sure that a better way to proceed would not be to issue the diploma in English and then attach if desired a certificate in Chinese, setting forth the same facts that are indicated on the margin and in the body of the diploma. This certificate could have the seal of the University and be signed by the President of the University and the president and secretary of the board of trustees of the university. Such certificate could be made in Chinese and it would seem would answer the same purpose as the diploma in both English and Chinese. The copy as it now appears will be a rather inartistic document. Just as soon as the engraver shall have submitted his estimate I will write you and you can then determine whether it shall be a copper plate or a regularly engraved stone.

Vice President ——— is satisfied that the Chinese translation would answer for their diploma as well as for yours, but is of the very decided opinion that they would prefer to have the diploma made in English as is now done and if any student desired a Chinese certificate attesting the contents of the English diploma, they could make such certificate in Nanking and attach the seal of the University of Nanking thereto and that they much prefer the present procedure than that of a combination English and Chinese diploma.

The cost of making the necessary drawing and engraving for the Chinese diplomas will be approximately \$400; or, as an alternative proposal the engraver agrees to furnish the diplomas at \$5 each, on condition that 125 be used within five years. Genuine parchment will be used when that material is available. In the event of your paying the \$400 the cost of 152 diplomas will be \$1.25 each.

The last proposition is the same as the first, only it would be better in my judgment to have the engraver stand the \$400 expense and charge \$5 apiece, on the agreement that 125 be used within a period of five years, for the reason that such proposition will impose upon him all the expense incident to the spoiling of the stone or plate or any corrections which would have to be made on the same after the proof copy was submitted. I shall be glad to know what you determine in the matter, to the end that we may proceed with the preparation of the diplomas.

In quoting you the above-estimated cost of Chinese diplomas, I ought to say that the estimate has been made by the gentleman who does the state engraving. It is entirely possible that Fukien University might submit this diploma to some engraving concern in New York City, have the diploma made on parchment and forward it to this Department for signature by the officers of the Regents. But before any contract could be made by Fukien University with such engraving firm in New York City, it would be necessary for you as secretary of Fukien University or the president of the institution to secure from this Department authorization for such engraving firm to use upon the plate the title "The University of the State of New York," in order to safeguard this Department against the possibility of such a plate or stone coming into the hands of an unreliable engraving firm. I mention this for the reason that within two years we have had occasion to indict and convict men, who are now serving time in prison, for using engraved diplomas made by engravers without authority from the institutions whose names were used.

Registration. The joint degrees conferred by the college and the university confer all the rights and privileges accorded under sections 24, 401, 403, 404, of the Regents Rules.

The first degrees were conferred on five students January 1, 1919.

Summaries. For a detailed report of the year see Exhibit A, table 2.

Ginling College, Nanking. Under the charter of the University of Nanking amended December 2, 1912, Ginling College became the woman's college of Nanking University, and on April 28, 1919 applied for the registration of its B.A. degree by the Regents. On May 29, 1919 the Regents registered the degree under section 404, general credentials.

Mrs Lawrence Thurston, the president, reports that Ginling College will have a class ready for graduation this coming spring. "The girls will have completed 144 semester hours of college work."

University of Nanking. The report of the president for the year 1918 appears in bulletin 5, volume 4, printed at the American Presbyterian Press, Shanghai, in 1919, a bulletin of more than 100 pages that gives a most interesting map showing the schools that sent students to the university. The disturbed conditions referred to above, due to the strike, resulted in the omission of the summer schools of 1919. The attendance on the autumn and spring semesters are given from the president's report in lieu of summaries.

<i>Summaries</i>	<i>Autumn semester, 1918</i>	<i>Spring semester, 1919</i>
College of Agriculture and Forestry.....	41	42
College of Arts.....	50	41
Education (junior college)	13	18
Junior College	173	161
Short course, sericulture .....	...	26
Middle school	145	167
Model school, higher primary	121	115
lower primary	22	27
kindergarten	12	14
Nurse training school	18	21
Language school, in residence	47	67
by correspondence	24	24
	<hr/> 666	<hr/> 723
less duplication	13	18
	<hr/> 653	<hr/> 705

The following letter from Mr Scott and Mr Schell, addressed to the friends of Presbyterian mission work in Nanking, is reported in full for the valuable information setting forth the work of these missionary colleges :

The name Nanking as you doubtless know, means literally "South-capital," just as Peking means "North-capital." Knowledge that Nanking was a former capital of the country and that there has been age-long strife between south and north explains the striking unique feature of the city, namely a tremendous walled area populated only in spots and covered mostly with gardens, farms, meadows, orchards and ponds. This old capital has been the scene of many ruinous sieges and battles; the two latest wars, the Taiping rebellion of about 60 years ago and the revolution of 8 years ago, obliterated great sections of the city, most of which have not been rebuilt for fear of a recurrence of destruction. But in spite of all this, Nanking is a populous and growing city, held high in the esteem of China and fast developing as a railway center and as a thriving port on the broad, muddy, busy Yang-Tse-Kiang. The Examination Halls, where 27,000 students of the Confucian classics were locked for days in cramped, individual cells, are falling in ruin while American-built railways are carrying students of industrial chemistry, intensive agriculture and the great Christian classic to a missionary university built with the bricks of the old city wall! Just as the forestry experiment station lies on the mountain in which mould the remains of the mighty Ming emperors of long ago, so on the ruins of China's old capital is rising a great demonstration station of the preaching, teaching and healing ministries of Christianity.

In promoting this Christian program in Nanking, the various missions there have developed numerous efficient union enterprises; in fact, a visitor

thinks of the work as being a fine piece of union effort, with which the various denominational enterprises are closely coordinated. These union institutions are on healthful rolling land of approximately one square mile in extent in the southwestern part of the city; interspersed are small plots filled with Confucian, Buddhist and Mohammedan graves; the entire district is dominated by the high, massive Drum-tower from which through the centuries have sounded forth the summons calling the city to arms and to defend itself against attacks.

The four union institutions of higher education are conspicuous for their usefulness and popularity. *The Theological Seminary* is training a group of 130 eager young men for the leadership of the growing Chinese Church; very few of the students have had a college education and the seminary earnestly desires its teaching staff enlarged so that it can conduct courses for college graduates. *The University*, like the seminary, is overcrowded with students, which congestion will be temporarily relieved upon the completion of buildings now being erected. The English language is the medium of instruction and the work is being enthusiastically conducted by a fine group of progressive Americans; we wish you might attend morning prayers to see the alertness of the student body to a Christian message and to hear them heartily sing some great hymns of the church. The university seeks to supply the spiritual need of each student and to train them to lead in supplying the great spiritual and economic needs of the nation; the study of the Bible, of sociology, of physical science and of cotton production go hand in hand. *The Language School* for new missionaries opened October 1st with an address in Mandarin by a Chinese professor and on the first day, sixty young people, fresh from forty colleges in America, learned seventeen Chinese words! During the war the number of men in the Language School has been small but the hope and need are that many of the fine young Americans now doffing khaki and blue will accept the challenge to hard, happy Christian service in China and elsewhere.

Ginling College is an inspiring training center for young women. Just at present it is housed in a fascinating old residence of a noble family—circular gateways, latticed screens and windows, beamed ceilings, successive courtyards and a charming garden with a lovely pavillion used as the open-air gymnasium. But this fascination fades before the penetrating cold of winter, the unwholesome living quarters of faculty and students, the crowded classrooms and the hopeless inadequacy of the site and plant; Ginling's wonderfully expansive vitality can not be long confined in these cramped quarters. A new campus of about 30 acres has been purchased. With six or eight good buildings and a dozen more competent, cultured Christian college women from America, Ginling will start to produce leaders of China's womanhood in the day now dawning. Will you invest—a building or a life? Last year's product was ten times overbid; for each graduate of the class of 1919, at least ten tasks for constructive Christian service were waiting; for the graduates next June the demand will be still greater. We recommend the investment and guarantee both principal and interest.

The Bible Teachers' Training School for Women greatly interests a visitor. Here young women from high schools and colleges are given direct religious training, with the Bible as the chief textbook, to serve as evangelists, pastor's assistants, Bible teachers in mission schools, workers in settlements, secre-

taries of Y. W. C. A.'s and workers in various other capacities. This is a Bible school of full college grade and it is "already justifying the venture of faith that conceived, planned and organized" it as a training center for a better type of woman evangelist than China has heretofore had.

Distinct Presbyterian work centers in our two compounds — *Hansimen* in the southwestern part of the city and *Hubugiai* in the south-central section. At *Hansimen*, the Ming Deh Girls' School and the school for Bible women are strong centers of influence; both of these schools need increased support from us at the home base in order to let them grow into their greatly enlarged opportunities. Our chapel here has developed into a strong church, practically independent and self-supporting. When you visit this compound there is one building you must *not* enter, the one just to the left of the gate house; it is an old residence which looks all right but the woodwork is honey-combed with white ants and the structure may collapse any moment. *Hubugiai* is known for its vigorous day school and the aggressive evangelism carried on through and from its church. The work at both these compounds is pitifully understaffed, especially just at present when two of the senior missionaries are invalidated and off duty, and a third is home in the States for a much needed furlough.

When you make your visit to Nanking, pay your respects to American Consul Davis, a southern Presbyterian, whose father founded Nanking Theological Seminary; call at the School for Foreign Children and see several missionary mothers teaching grade and high school subjects to about thirty little missionaries of the next generation; don't miss the hospital for you can't imagine the blessing that modern medicine in Christian lands brings to China; and then, for contrast and evidence of need, walk through the smells and sounds and sights of the old city. If you come in winter, be prepared to wear three suits of woolen underclothing, and a couple of overcoats for it is bitterly cold and the missionaries' salaries don't allow them to heat their houses when coal is \$25 a ton.

The Church's chance in China has arrived. We must accept it and move forward.

Peking Union Medical College. The chairman of the board of trustees reports that the new buildings of the school are almost completed and that the total final cost is now estimated at somewhat less than \$7,000,000. The budget for the year 1920-21 is set at \$700,000. As a separate feature it is reported that forty buildings are now under construction for the professors' families. The illustrations of this report are from photographs of work now in progress in this institution.

The 11th annual report (1918-19) was printed by the Bureau of Engraving and Printing, Peking, China. It is illustrated by photographs and graphics and reports the activities of the hospital staff, nurse training school and pharmacy. War conditions are revealed by the absences from the hospital staff on Red Cross service in Siberia and on furlough. The problem of a report is succinctly set forth in the introduction.

"The compilation of the hospital report means many days of clerical work for the members of the staff. Is this use of time justified? . . . The following methods have been used . . . (1) to secure unity, material presented by the different departments has been ruthlessly edited . . .; (3) to secure clearness, many tables are illustrated by means of simple graphics; (4) comparative results are expressed wherever possible in percentages."

The nurse training school reports "there are twenty-two men in the training school at present . . . men of better education than formerly are applying for admission and those accepted into the school have all had at least one year of middle school (which corresponds to the eighth grade of the American school)."

Under "Tubercular Cases" the statement is made, "Our most distressing problem is the treatment of tuberculosis." Tables 33 to 44 inclusive, give some of the principal facts concerning 258 of the cases diagnosed as tuberculosis in the out-patient department.

The problem of advancing the requirements for admission to this school is receiving consideration at the hands of the board which is considering the organization of a premedical course as a temporary expediency to be employed until the higher institutions of the country can furnish facilities for the proper education in sufficient number of matriculants.

Registration. The joint degrees conferred by the college and the university confer all the rights and privileges accorded colleges under sections 404 and 409.

Summaries. For a detailed report of the year, see exhibit A, table 2. There were teachers numbering 41; students 17; and degrees conferred 0.

Peking University. A most noteworthy event in connection with Peking University occurred during this school year in the reorganization of the institution. The charter had been amended, enlarging its scope by making it a federated institution. From its organization 30 years ago, it had been under the control and support of the Methodist Episcopal Church, although from the beginning it was hoped that all the other Protestant churches represented in Peking would unite with it in higher education. This arrangement has now been completed and the Rev. J. Leighton Stuart has been elected president and a large addition has been added to the staff of instruction.

A second event that deserves more than a passing notice is the part the students took in connection with the students of other institutions in the strike that was organized as a protest to the decision

of the Peace Commission in Paris in giving to Japan the economic and, what is practically also political, right, in the great province of Shantung. The strike was carried on with very little violence, though the students were ready, if need be, in great numbers to lay down their lives for their patriotic convictions. The students were the leaders in the strike and in the boycott against Japan, though over fifty organizations eventually joined in the patriotic demonstration. The schools were not dismissed but the students refused to attend their classes and began a propaganda to arouse the patriotic spirit of the people.

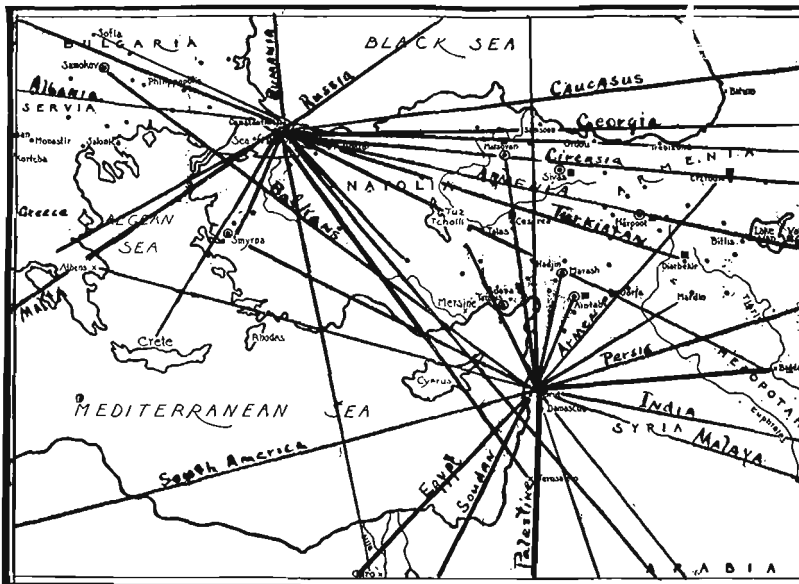
It is the first event in the history of Christian missions that students in Christian schools have been invited to participate with government students in any great public movement. The president and members of the faculty were invited to the private councils of government students and teachers without any distinction. The movement has been remarkably successful. "The students have stirred the nation to its first real interest in public affairs and have shaped the nucleus of public opinion about which there is now some hope of building a real Chinese democracy." In addition to the tremendous influence the demonstration of this new China spirit has had upon the policy of the Chinese government and on the public thought of the community, it has had the effect of largely increasing the influence and standing of Peking University among the educational institutions of the nation. It has given Peking University a recognition that will be of inestimable value in the future development of its work. H. H. Lowry, President Emeritus."

Shanghai Medical School. The program of the China Medical Board includes in addition to the Peking medical center another at Shanghai. The completing of this has been deferred for a time because of war conditions and the high cost of construction. While during the period preceding the opening of the new medical school at Peking it has seemed wise to cooperate with a considerable number of institutions, it is probable that in the future the China Medical Board will adopt the policy of concentrating its subsidies upon a few significant and strategic centers. The best educational opportunities can be provided only in places where clinical facilities are abundant and varied, and where a sufficiently large staff permits the requisite specialization.

Egypt. The correspondence interrupted by the World War regarding the chartering of certain educational institutions in Egypt, at Assuit and at Cairo, has not been resumed as this report goes to press.



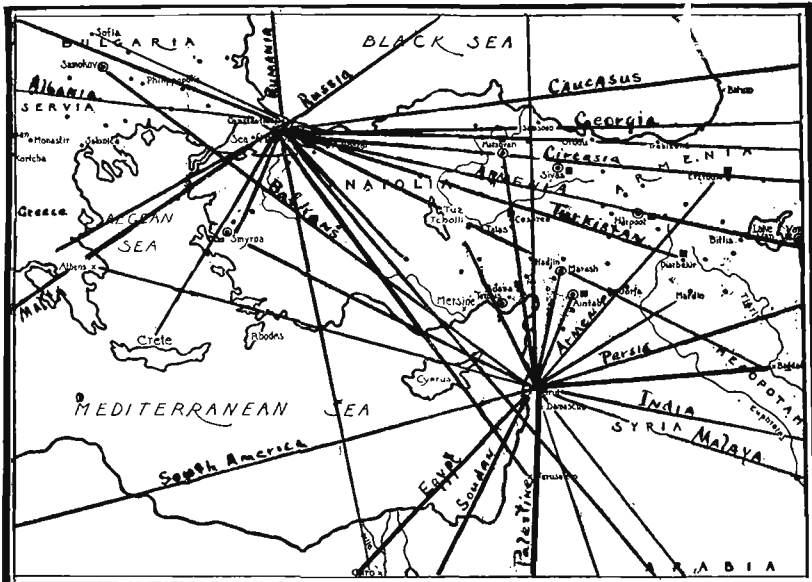
President Bliss and Mrs Dale, superintendent of the hospitals at the Syrian Protestant College, with a graduating class of nurses



Map of the Near East, showing location of the Syrian Protestant College at Beirut and Robert College at Constantinople



President Bliss and Mrs. Dale, superintendent of the hospitals at the Syrian Protestant College, with a graduating class of nurses



Map of the Near East, showing location of the Syrian Protestant College at Beirut and Robert College at Constantinople

Correspondence is in progress with General Allenby regarding certain phases of professional practice.

Turkey. April 24, 1919, the Board of Regents voted that the President of the University be requested to incorporate in the next annual report a special survey of Robert College and the Syrian Protestant College at Beirut, this action being peculiarly appropriate at this time.

On October 6, 1919 Corresponding Secretary Bayard Dodge acknowledged the "prompt reply to my note concerning the attendance of Dr Howard Bliss and Dr Caleb F. Gates at the Convocation in Albany. It was especially kind of you to arrange for them to speak on Thursday, so as to enable them to attend a meeting of an executive committee in New York on Friday." Both were in attendance on Convocation and the following from the pen of Doctor Bliss in his own handwriting may properly be the introduction to the special survey referred to in the Regents motion:

The outstanding event of 1918-19 was the liberation of Syria from the 400 year long domination of the Turks.

When the report of the triumphant advance of General Allenby's army northward reached us it was difficult to realize that Syria's new era was dawning. The American University (as the Syrian Protestant College is everywhere known in the Near East) has an incomparable site overlooking the Bay of Beirut and hundreds of teachers and students gazed with wonder and emotion upon the four warships, two British and two French, that slowly and peacefully rounded the college point and passed into the harbor—the harbingers of Victory and of Peace—on Sunday morning, October 6, 1918, at half past seven o'clock.

There have been other great days during the year 1918-19; the proclamation of the Arab Empire, the announcement of the armistice, the triumphal entry into the city of the great liberator of Syria, Viscount Marshal Allenby—but that scene on October 6th was the most impressive event of them all.

The second outstanding fact of the year 1918-19 is the astonishing demand that is made upon the college that it should expand its range of influence, develop its resources, multiply its agencies, embrace its opportunities. The application of students for admission to the session of 1919-20 has been unprecedentedly large and if the American friends and supporters of the college will rally to this challenge, the beneficent influence of the college will be a mightier factor than ever in the reconstruction of the Near East.

SYRIAN PROTESTANT COLLEGE AT BEIRUT

(Incorporated April 24, 1863)

ROBERT COLLEGE, CONSTANTINOPLE

(Incorporated February 19, 1864)

"New York's Illustrious Corporate Children"

In featuring educational conditions in the Near East under the Regents resolution and to set forth facts from the pens of disinter-

ested eye witnesses, advantage is taken of an educational publication issued by the two institutions to preserve in text and illustration a brochure worthy of the widest circulation.

The only way to peace and enlightenment. "Education is the foundation upon which to build an ultimate solution of the troubles in the Near East. This is the great opportunity America has to serve humanity."—From a recent statement by Rear Admiral Mark L. Bristol, American High Commissioner at Constantinople.

"Pillars of cloud by day and of fire by night," guiding the youth of the Near East to high levels of Christian manhood and useful citizenship, two American institutions in this troubled quarter of the earth are performing a glorious service for humanity.

Robert College at Constantinople, and the Syrian Protestant College at Beirut, during their unbroken careers of nearly sixty years, and especially during the past five years, when they heroically withstood, in an alien community, the hazards of a world war, have proved that though governments rise or fall, boundaries change, dynasties pass away, or whole nations perish, yet character endures forever.

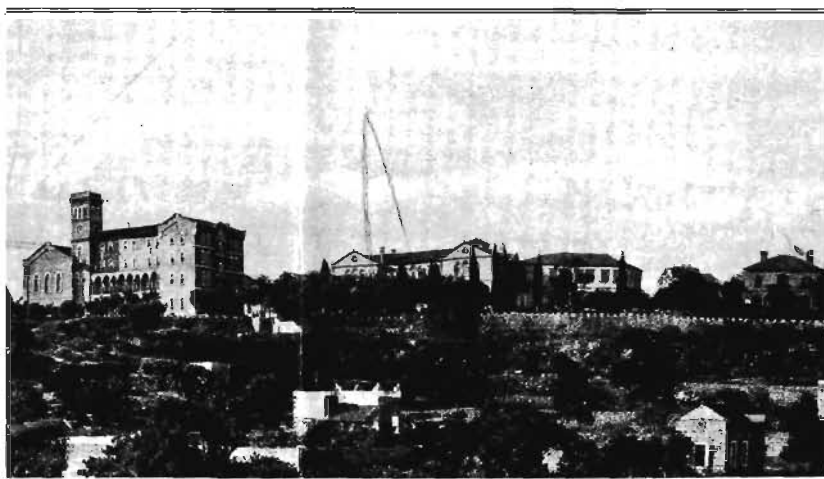
These institutions were founded upon Christian character. While throwing open their doors to "all classes of men, without reference to color, nationality, race or religion," it was at the same time clearly stated, in the words of one of the founders, that "it will be impossible for anyone to continue with us long without knowing what we believe to be the truth."

These colleges, therefore, from the very beginning, have cooperated in a spirit of fraternal harmony with American missionary activities in the Near East. In fact, they serve largely to supplement and carry forward these splendid Christian enterprises.

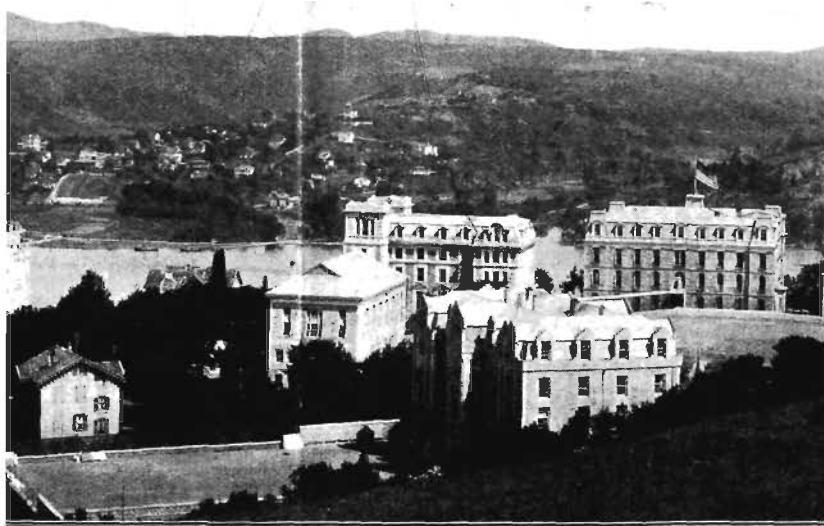
As a result, the graduates go forth, inspired by the loftiest ideals of manly conduct and enlightened citizenship, to serve as leaders among their people, not only in the industrial and commercial life of their respective communities, but in the more enduring processes of social and spiritual regeneration.

In the past, this leadership has proved its leavening power. In the future, with so many vital problems of physical reconstruction and national rehabilitation to be solved, its influence is needed as never before. In it lies the surest hope of the Near East.

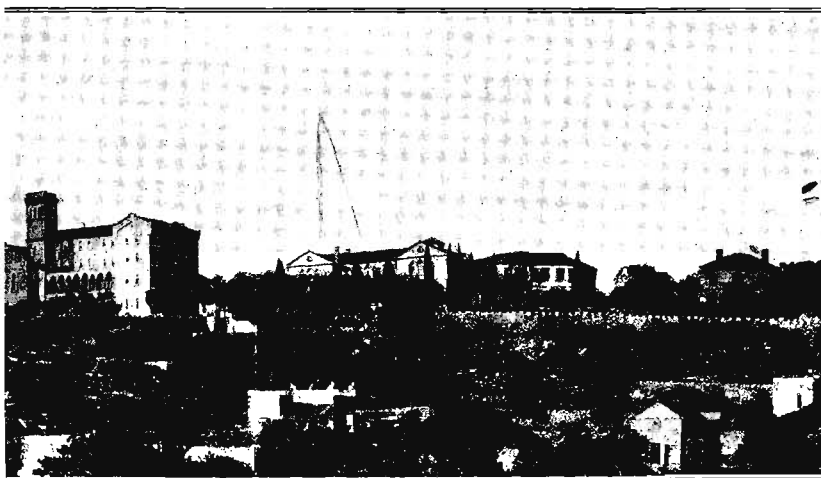
And through such institutions as Robert College and the Syrian Protestant College the American people can continue to exercise



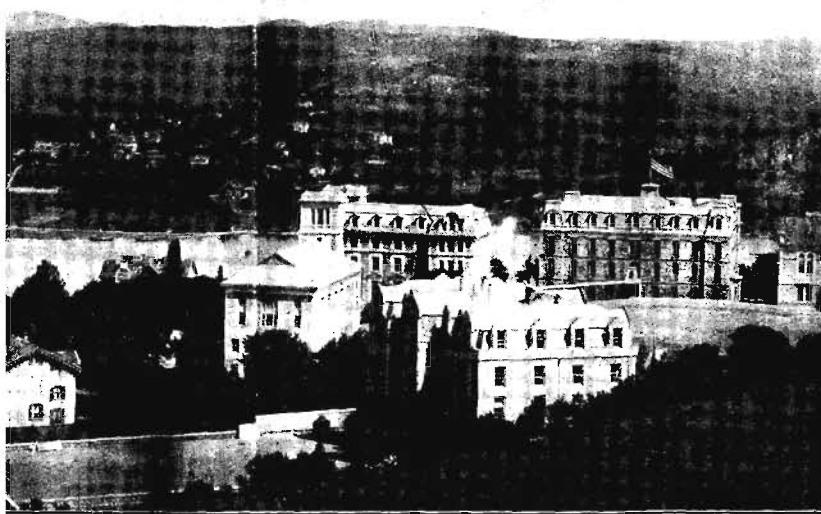
Panoramic view of Syrian Protestant College



Panoramic view of Robert College on shore of the Bosphorus



Panoramic view of Syrian Protestant College



Panoramic view of Robert College on shore of the Bosphorus

commanding influence for good which has made the name America, throughout the Near East, a synonym for unselfish service on behalf of peace and enlightenment.

Inception and development. Both colleges were chartered by the State of New York in 1863. It is peculiarly gratifying to recall that, despite the distractions of Civil War, America was still able and willing to discharge its duty to humanity.

The vision was as vivid then as now.

The colleges operate under the jurisdiction of the Board of Regents of The University of the State of New York. Each has its own board of trustees in America, exactly the same as any privately organized college or university here.

A joint office is established at 18 East 41st street, New York City, where the business affairs of both colleges are administered under the direction of an executive secretary, Albert W. Staub.

The English language is the chief medium of instruction in the two colleges.

Statement by President Finley. "In my recent travels in southeastern Europe, northern Africa and western Asia, I came everywhere upon graduates and former students of these colleges; and always with satisfaction, for every one of them was carrying something of that which our young men and women get in American colleges and universities back into the daily life of the peoples who dwell in the ancient homelands of the race, the far places of our heritage. The good opinion in which America was held (and I hope still is held) in all that region was due primarily and chiefly to the influence of these and sister institutions: the one of these two standing on the farther border of Europe (the campus of Robert College lies in Europe but looks across the Bosphorus into Asia) and the other on the coast of Asia (near the "Borders of Tyre and Sidon," looking toward Europe and America). And it is through such institutions and these especially that America is to go on making payment of her moral and spiritual debt for what has come to her from these coasts and the lands behind them."

The Near East melting pot. It is generally computed that in America there are about forty-eight racial groups, but the most important of the races are thirty-two in number. On the rolls of Robert College and the Syrian Protestant College at Beirut, more than thirty races are represented. The suggestion of the "melting pot" is obvious.

Following are the important races represented in these two colleges

Abyssinian	Chaldean	Jugo-Slav	Russian
Albanian	Circassian	Kurd	Serbian
American	Egyptian	Malayan	South American
Arab	French	Maltese	Swiss
Armenian	Greek	Moroccan	Syrian
British	Hebrew	Persian	Tartar
Bulgarian	Indian	Polish	Turk
	Italian	Roumanian	

Robert College and the Syrian Protestant College at Beirut form the "melting pot" of the Near East, in the same sense that America is the "melting pot" of the world. On the roster of American educational institutions practically every race there, numbering over thirty, is represented.

Chiefly because of racial antipathies and national cross currents, the Near East today presents to statesmen a problem of even more serious menace to the peace of the world than do the Balkans. The territory, moreover, is a hot-bed of religious feeling.

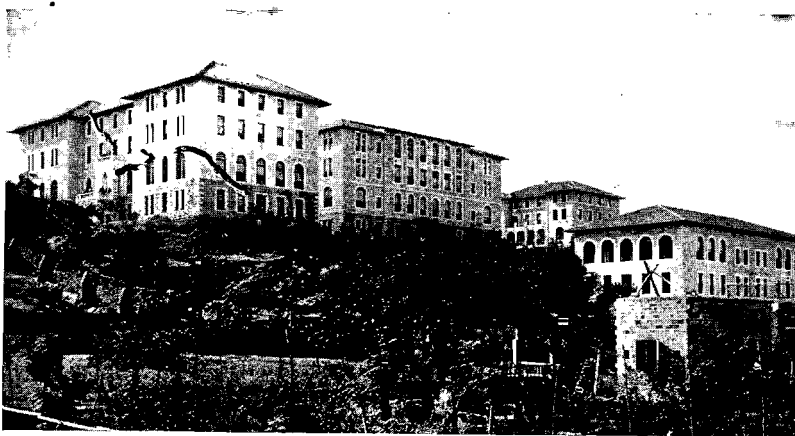
Notwithstanding this, however, so effectively do these colleges reflect the American spirit of democracy and good will that the college campus has become a sort of neutral zone, whose influence not only governs the student during his college career, but remains with him for life.

In this process of democratization, American sports play an important part. Baseball, football, hockey, cross-country running and other sports which are popular in America, are regular features of student life in the colleges. Field days are gala occasions. Moslem and Christian vie with each other in the best of spirit in these contests.

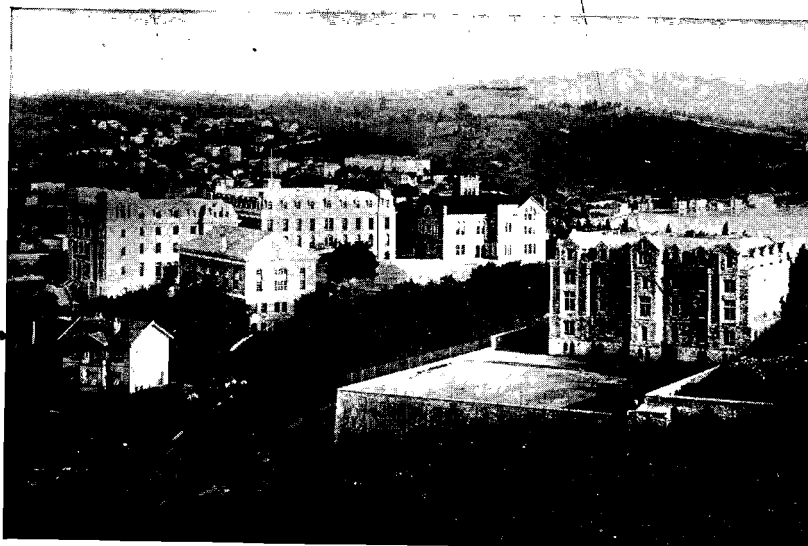
The colleges offer prizes in the form of medals, and in every other way seek to encourage and develop the spirit of good-natured rivalry which is characteristic of American sports.

Strategically, the colleges are ideally located, each having its home in a large center of social and commercial activities, drawing their students from all parts of a vast area, and from all classes of people. The colleges are probably the most cosmopolitan in the world. The students learn to know that the common denominator of humanity is man. The reputation of both institutions for broad-minded tolerance extends throughout the Near East, and does much toward developing the international mind which is so greatly needed in the world today.

Each college is strictly nonsectarian.



New buildings, preparatory department, Syrian Protestant College



Main buildings at Robert College

Scope of work. Both institutions have courses leading to the degrees of bachelor of arts, bachelor of sciences and master of arts. In addition, Robert College confers degrees in mechanical, civil and electrical engineering, and is giving courses in mining engineering. The Syrian Protestant College confers degrees in commerce, medicine, pharmacy and dentistry, and issues certificates for nurse training and pedagogy. These degrees are recognized by colleges and universities generally, in Europe and America.

At the present time the large preparatory school for five hundred boys is conducted in conjunction with the Syrian Protestant College at Beirut, and until the governments of the Near East are able to furnish means for preparatory education, the college must continue to carry this burden. Probably the most popular of the professional schools have been those for medicine, pharmacy and dentistry. In this respect alone these colleges have performed an invaluable service for the Near East.

Though English is the language used in instruction, both colleges have had a great influence in stimulating the study of the native languages.

Love for alma mater. Graduates and former students of Robert College and the Syrian Protestant College at Beirut, are prominent in every line of useful activity throughout the Near East. They occupy responsible positions as doctors, pharmacists, dentists, engineers, editors, pastors, teachers, directors of schools, government executives, and in every line of business and industry. They are the real leaders.

The loyalty of the graduates to their alma mater is only one of many proofs of the permanence of the college influence. Alumni organizations are to be found in Cairo, Jerusalem, Damascus, Haifa, Jaffa, Beirut, Constantinople, Sophia, Athens, and even far-away New York City.

"Many are the changes which have taken place in the East since Robert College was founded, and to some of these it has more or less contributed. Still greater changes are impending there in our own days, when most probably, Robert College, as well as other similar American institutions in the Near East, will be called upon to display greater and wider activities. The people will welcome and appreciate in the future, as they have done in the past, this influence, for they realize that *it will be exerted, without any ulterior motives, for their intellectual, moral and social uplift and progress.*" — *By a prominent graduate.*

Not in the name of charity. The value of the two college properties is \$2,162,515.17; the endowment fund is \$2,777,393.16.

But it is the income from student fees which is most significant as indicating the wise policy of American humanitarians at these colleges. The spirit which prompted the establishment of the colleges and which continues to maintain them, is something more than mere charity. It is philanthropy in the highly altruistic sense that America, in this way, strives to help less fortunate peoples to a place where ultimately they will be able to help themselves.

The students at both colleges are required to pay tuition fees, and the stimulating effect of this policy, not only on the students but on the people in general, proves the soundness of the principle. A limited number of students are assisted with scholarships but, under normal conditions, the income from students' fees meets more than two-thirds of the operating expenses of the colleges.

Due to abnormal conditions created by the war — conditions which still affect the Near East more critically than any other part of the world — the work of Robert College and the Syrian Protestant College can not be carried on with the income from present resources. Even though enrolment of students be limited to the prewar status, it would still be necessary to secure additional funds to carry on the work. Students' fees have already been increased to the maximum, and, because of the hardships of war, much less dependence can now be placed on this resource than formerly.

The question is not one of expansion of the work of these institutions, but, rather, of saving *what has been accomplished*.

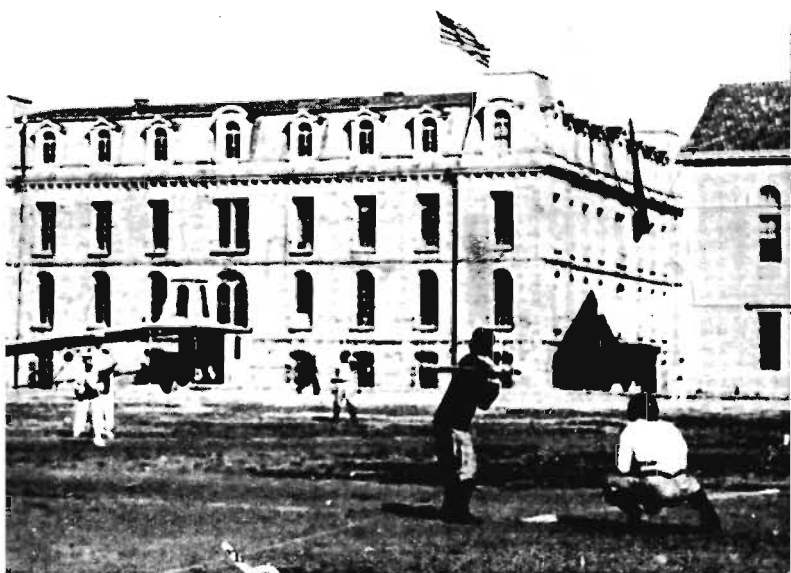
The trustees estimate that a minimum of \$500,000 is required immediately to preserve the work of these institutions. To the end that the work itself shall become more widely known and appreciated, and to afford an opportunity of service to a larger number of people, it has been decided, in procuring this fund, to recruit a special body of contributors rather than to rely upon the generosity of a few wealthy individuals.

This plan, it is thought, is in keeping with the democratic principles of the two colleges. The work they have been doing forms one of the most glorious chapters in American achievement, and it is time that the American public generally should become more familiar with it. Through this larger constituency of contributors, it is hoped this condition can be brought about.

From time to time, informative bulletins will be issued to contributors, to keep them in touch with the progress of the work.



Field day at Robert College



Baseball and other American sports are popular at the colleges

The present movement may be said to be the beginning of the nationalization of American interest in nonsectarian educational work, in conjunction with native government effort, in the Near East. This special constituency will, it is hoped, form the nucleus of, and supply the leaders for, a great permanent organization.

The trustees of Robert College and the Syrian Protestant College realize that to build up this new body of supporters, it will be necessary for those already interested to assist in every possible way, and to supply the names of others whose sympathies may likewise be depended upon.

Faculty at both colleges

The following table indicates how successfully teachers have been developed from native talent:

	<i>Robert College</i>		<i>Syrian Protestant College</i>	
	<i>American</i>	<i>Native</i>	<i>American</i>	<i>Native</i>
Professors.....	20	6	23	8
Instructors and assistants.....	21	32	31	35
Ladies of the hospital.....	1	.....	8	3
	42	38	62	46
Total.....		80	.....	108

Wherever possible, on request, speakers will be sent to address meetings.

It is also important that committees be formed in the various communities. Such committees have already been organized in Boston, Philadelphia, Washington, Pittsburgh, Cleveland and Chicago. In these and other cities, public-spirited men and women who feel the need of some form of public service to take the place of the work they did during the war, have already joined this movement for the educational emancipation of the peoples of the Near East, a part of the world to which we are drawn by a thousand ties of religious and historic sentiment.

Doctor Bliss, the founder of the Syrian Protestant College, and Doctor Hamlin, the builder of Robert College, in common with all others of that noble band of missionary workers who served and sacrificed there, realized that the only way to the permanent upbuilding

of the civilization of the Near East was by the road to universal education.

Division of Courses

Showing the character of instruction at Robert College and the Syrian Protestant College at Beirut, the following summary is presented:

<i>Robert College</i>	
Engineering..	{mechanical
	{civil
	{electrical
Arts and Sciences	45
Preparatory	220
	367
	632
<i>Syrian Protestant College</i>	
Medicine	115
Pharmacy	27
Dentistry	28
Nursing	33
Commercial (closed during the war)	
Arts and Sciences	231
Preparatory	553
	987
Day school for poor boys.....	120

And America, acting through such institutions as Robert College and the Syrian Protestant College, offers the only gateway to that road.

Sir William Mitchell Ramsey, the great British scientist and traveller, said that he "had come in contact with men educated in Robert College in widely separated parts of the country, men of diverse races and different forms of religion, Greek, Armenian, and Protestant," and had "everywhere been struck with the marvelous way in which a certain uniform type, direct, simple, honest, and lofty in tone, has been impressed upon them." This, he added, was "diametrically opposite to the type produced by growth under the ordinary conditions of Turkish life."

This testimony is repeated by all observers of conditions in the Near East.

By President Bliss. "They are coming from all parts of the Near East. It is a wonderful sign. More than half of them belong to non-Christian faiths — Moslems, Jews, Druzes and Bahai. Very



Upper group: Shop work in engineering department of Robert College
 Lower group: Glimpses of student life at Syrian Protestant College

few of them are Protestant. We are not there to force religion down their throats. But we believe profoundly in religion. We are there to make them feel a sense of hunger and thirst for the deepest and most beautiful things in all the world. This is the missionary enterprise, as we conceive it, to exchange the best things that we have for the best things that the Orient has; for the Occident still needs the Orient. We believe the whole world needs the whole world, and we are there to give the best we have and to receive the best that that part of the world has to exchange with us. And, put in that way, we have had no difficulty during these fifty years in conducting a missionary enterprise."

Syrian Protestant College. To Dr Daniel Bliss largely belongs the credit for establishing this magnificent institution in Syria. The period of greatest expansion came during the presidency of his son, the late Dr Howard S. Bliss, from 1902 to 1920. So great has been the development that the trustees recently petitioned the Board of Regents of The University of the State of New York to amend their charter in order to provide for university work, and to change the name of the institution to the American University of Beirut.

Early American missionaries were amazed at the ignorance of both Moslems and Christians in Syria. Doctor Bliss, when he arrived on the field, decided that the best promise for the reclamation of these backward people lay in education.

Starting with sixteen students in a rented house, the institution at first was more like a small private school than anything else. With infinite patience and faith, however, father and son worked on. Before their deaths there could be seen, stretching along the Mediterranean coast for almost a mile, twenty-six college buildings, all of modern construction and ideally adapted for their work. The campus comprises 47 acres. A college hospital of 150 beds has been found inadequate to overtake the people's needs.

More than 900 students are now enrolled, and many were denied admittance at the beginning of last year because of lack of accommodations. The teaching staff numbers 108, of whom 46 are natives. In the period of its existence, the Syrian Protestant College has graduated 2920 young men.

Fifty-three per cent of the students are Jewish, Moslem, Druze or Bahai, while the remaining 47 per cent are Catholic, Orthodox, or Protestant Christian.

By President Gates. "There is a tradition in Robert College that no matter what the conditions outside, within they shall live as

brothers; and these students, coming from nations hostile to one another, come together in the classrooms, sleep together in the dormitories, meet at the table, work together over their class plays and representations, play on the same college team to uphold the honor of the class in football, basketball and baseball, meet together in chapel and hear the same Scripture and the same teachings as to the fear of God and the service of their fellow men. When they go out from the college they can never think the same way as their peoples think. One great work of the college is to break down those barriers and to help men to see their fellow men as men and not merely as foreigners."

Robert College. Robert College is the realization of the dream of Dr Cyrus Hamlin, a Maine farmer boy, whose genius along varied lines as much as his unconquerable courage, made success possible where less great men might have failed. As a young missionary worker, assigned to education, Doctor Hamlin conceived the idea of a great American college on a site he had in mind along the Bosphorous. The Dwight brothers also had cherished the idea of an American college in Turkey, but it remained for the valiant Doctor Hamlin to carry the plan through to success.

Illustrating the difficulties he finally surmounted, the story is told of how, after repeated rebuffs from the Turkish Government, Doctor Hamlin, finally, through a harmless little stratagem, succeeded in gaining the consent of the Turks.

When Admiral Farragut, at the close of the Civil War, took the Union fleet on a tour of European waters, he anchored in the Bosphorous, as part of his itinerary.

Characteristically, Turkish officials imagined that there was some grave ulterior purpose in the admiral's visit. An Armenian friend of Doctor Hamlin's, knowing the suspicious nature of the Turks, suggested to the teacher-missionary that he take advantage of it. Admiral Farragut readily consented to forward the scheme.

Accordingly, at a banquet given in his honor by Turkish officials, the American admiral turned to the Grand Vizier, and quite innocently remarked: "Why is permission to build the American college refused?" That was all, and it was enough. The Turks thought they had discovered the real purpose of the admiral's visit. A few weeks later an imperial iradé gave to Doctor Hamlin permission to found an American college on the shore of the Bosphorous.

The college could never have started, however, without the practical help given by Christopher R. Robert, a New York merchant, whose name it bears.



Statue erected to the memory of Dr Daniel Bliss, founder of Syrian Protestant College, by students of the college in Egypt and the Soudan



Tablet erected at Bangor Seminary, Maine, to the memory of Dr Cyrus Hamlin, founder of Robert College, Constantinople

From a school of four students in 1863, Robert College has developed until the last graduating class numbered 33, and the student attendance reached 632, with hundreds more unable to gain admittance. The faculty staff now numbers 80, made up about equally of Americans and native teachers.

The college plant has grown into a score of substantial modern buildings, equipped with every necessary facility.

DEPARTMENT ACTIVITIES

Progress has been made during the year in the improvement of the annual report. A concise historical statement of the Regents report appeared in our last report. The policy of five or six separate volumes limiting the distribution of the same to those most interested therein has made progress during the year.

The 1918 report gave an exhaustive study of the colleges of liberal arts and science recognized by the Regents under their rules, sections 401, 403 and 404. A special study made during the year covered the requirements of the colleges of liberal arts and science within the territory of the Association of Colleges of the Middle States and Maryland. This study was used by the committee of that association perfecting its report for the November 1919 meeting.

Unsettled mail conditions and labor problems hindered the publication and distribution of recent volumes but an earnest effort is being made to overcome these difficulties and we hope in the near future to have this report reach all on our mailing lists within three months of the close of the school year. Hereafter the report will terminate with the school year, though for several reasons it will take time to make adjustments of the same, for example, the reports of professional examining boards have been heretofore made by calendar years.

The correspondence with foreign governments relative to the requirements for admission to professional practice was continued during the year. In March letters were sent so far as possible to all known governmental departments having any jurisdiction over professional practice as follows:

Daily inquiries reach The University of the State of New York regarding the requirements for admission to the practice of the professions in the several countries of the world.

We contemplate making an earnest effort in the immediate future to secure closer relations with all the peoples of the world in the matter of admission to the practice of the various professions.

To this end it will be of material help to us to have a clear understanding

of the requirements of your government for admission to the various professions, viz: theology, law, education, medicine, dentistry, pharmacy, veterinary medicine and any others that may obtain in your country at the present time.

Will you kindly send me copies of such requirements as may be available for distribution in manuscript or in print? Should the administration of these requirements not lie in your department, please forward this communication to the proper authority. Inclosed you will find, for your information, a concise statement of the organization, institution and administration of the Regents of The University of the State of New York.

Any assistance you can render will be gratefully appreciated. As a mark of such appreciation, we shall gladly reciprocate by aiding you in the solution of your educational problems should you have occasion to use information at our command.

Considerable material in printed form was received as a result of these letters and more accurate addresses on which the mailing list was revised. There is still too great confusion to warrant an attempt at presenting in printed form the requirements for admission to professional practice in the various countries of the world. The mailing lists of the Department have been carefully revised during the year and again the request is made of all educational administrative officers having jurisdiction over secondary or higher education to cooperate with the Department in revising our mailing lists to the end that we may have the latest available information and that they may have as complete a file of our publications as are available.

The work of affording accurate information to other publishing authorities, such as "The Statesman's Year Book," has been carried forward during the year and it is hoped that the next report may contain statistics formerly available but impossible of reporting during the war.

The amendments of the veterinary and dental practice acts have led to additional department activities in the form of published annual lists of registered veterinarians and registered dentists.

Syllabuses. Little progress has been made during the year on the revision of the several syllabuses in which we are interested. Work on the course of study and syllabus for the college graduate certificate has been held pending the reregistration of colleges of liberal arts and science. The medical syllabus is out of print and no work has been performed thereon during the year. The dental syllabus has awaited the enforcement of the new four-year requirement. Progress is reported by the national committee on the pharmaceutical syllabus. A revision of the second edition, enlarged to cover the

requirements for pharmaceutical chemist, is hoped for in the near future. The nurse training syllabus appeared in bulletin 670, dated September 1, 1918, to which reference was made in the last report.

Handbooks. Copy for the annual handbooks was prepared promptly in accord with the established principle that they should appear annually at the close of the legislative session so as to include all amendments of the professional practice acts as well as Regents action in the form of rules and the registration of schools. Unfortunately it has not been possible to have these handbooks appear at the time contemplated when they should prove of most help, namely, before the opening of the school year. It is hoped that the handbooks this year can be mailed before the first of August. The handbooks relating to higher education to a greater or less extent are as follows: Handbook 3, academic examinations; 6, publications; 9, medicine; 9a, chiropody; 10, dentistry; 11, pharmacy; 12, veterinary medicine; 13, registration of nurses; 14, certified public accountants; 23, qualifying certificates; 24, organization and institutions; 27, law; 28, optometry; 32, college graduate certificates; 33, certified shorthand reporter; 34, university scholarships; 35, architecture.

Regents Rules. The Regents have continued the revision of rules relating to the organization of the Department and have made changes necessary to meet the requirements of amended professional laws. Such rules and decisions from January 1 to July 31, 1919, as specially refer to higher education are reported herewith.

Amendments. February 20, 1919, section 364, subdivision *b*, was amended to read:

b A dental student certificat  may be secured, after January 1, 1921, upon the presentation of satisfactory evidence of the completion of not less than one year of instruction in an approved college of liberal arts and science after the completion of an approved four-year high school course based upon eight years of elementary preparation. The year of college instruction must be of at least 35-week hours including English (3), physics (3), biology (3), and chemistry (3).

Also section 409, subdivision *b*, to read:

(2) Prior to January 1, 1926, all matriculants of registered colleges of osteopathy must afford evidence of a general preliminary education equivalent to eight years of elementary preparation and an approved college entrance four-year high school course.

May 29, 1919, section 409, subdivision *b*:

b The medical school must require (1) for admission, after January 1, 1919, the satisfactory completion of not less than 60 semester hours in an approved

college of liberal arts and science after the completion of an approved high school course or its equivalent as shown by examinations conducted by an examining board or by an examiner approved by an authorized accrediting agency. The 60 semester college hours must include: chemistry, 12 semester hours, physics, 6 or 8 semester hours, biology, 6 or 8 semester hours, English composition and literature, 6 semester hours. (3), and any two of the three languages, English (3), German (3), or French (3).

Interpretation. As reported last year, modifications in the methods of equating foreign credentials were introduced as a war measure and the policy of entering into agreements with other states continued. The recognition accorded foreign school systems that appeared in the report of 1917 has been made available for all administrative officers with whom the Regents have agreements and has led to closer cooperation.

Enforcement of professional laws. The administration and enforcement of the laws relating to professional education have increased in volume during the year, due to the amendments of the dental and veterinary practice acts. The wisdom of annual registration based on the experience of the amended pharmacy law has been demonstrated again and again and it may confidently be predicted that future amendments of the other professional laws will include this provision. The extent of the litigation, real and potential, is little known and naturally is not reported. The Regents policy of many years standing has proved its worth and the cases are not reported for general distribution unless some important decisions make them noteworthy. It may confidently be asserted, however, that the results of such litigation and enforcement of the provisions of the several professional laws has had and is having a most beneficial effect in lessening the violations thereof.

While the Counsel for the University has rendered many opinions and has generally advised the officers in charge of the enforcement of professional laws and has also prepared charges, notices and other papers in a number of cases where proceedings have been instituted for the revocation of licenses, the Counsel has not been required to appear in court since January 1, 1919, for the purpose of prosecuting or defending actions or proceedings relating to the enforcement of the professional laws and for that reason has no report to make.

Inspection. Such inspections of higher institutions as were essential to registration or incorporation were made during the year by members of the force, inasmuch as the Legislature has hitherto failed to make the necessary appropriation for a permanent inspector of the higher institutions of the State. That a specialist is essential

to represent the Regents in the numerous conferences regarding higher educational problems has been recognized for years. Not only are the colleges of liberal arts and science interested in the University scholars, but they are also daily seeking counsel regarding courses of instruction and other matters that call for a constructive progressive policy. The specialist should not only have the widest experience in the educational system of the State but also the broadest outlook on all problems of the colleges, the professional, technical and other schools. Such an expert can be secured after years of education and experience only. And the creation of the position should be made at once that the education of the men to occupy it may begin; though, like forestry, the results can not be forecast for years to come.

Examinations. The Regents academic examinations that test the qualifications of applicants for admission to the professions as well as for admission to the colleges, the technical and the other schools are in continued process of modification. New requirements are being formulated and will probably be in operation within the next two years. The record of the qualifying certificates issued during the year for admission to professional schools is given below.

While these numbers afford a fairly accurate estimate of the numbers entering the professional schools of the State, they manifestly can not be exact. Many students securing the certificates fail to qualify the year of their issue and others enter on older credentials. Handbook 23 is issued for information regarding these academic examinations and should be consulted for time, place and program of subjects as they occur.

Qualifying certificates issued August 1, 1918-July 31, 1919

KIND OF CERTIFICATE	TOTAL	EQUIVA- LENT	PARTIAL EQUIV- ALENT	EXAM- INATION	PER CENT ON EQUIV- ALENT	PER CENT ON PARTIAL EQUIV- ALENT	PER CENT ON EXAM- INATION
Law.....	586	440	56	90	75.1	9.5	15.4
Medical.....	325	325	.....	.....	100.0	.....	.....
Dental.....	299	211	59	29	70.6	19.7	9.7
Certified Public Accountant..	13	7	5	1	53.8	38.5	7.7
Veterinary.....	30	19	2	9	63.3	6.7	30.0
Optometry.....	30	22	3	5	73.3	10.0	16.7
Pharmacy.....	208	150	8	50	72.1	3.9	24.0
Chiropody.....	27	14	8	5	51.9	29.6	18.5
Nurse.....	1 781	1 715	9	57	96.3	0.5	3.2
Oral hygiene.....	38	38	.....	.....	100.0	.....	.....
Osteopathy.....	3	2	.....	1	66.7	.....	33.3
Total.....	3 340	2 943	150	247	88.1	4.5	7.4

Professional examinations. The professional examinations are under direction of the Regents, proctored by the Department, read by the professional boards and recorded in the records of the University. They comprise formal written examinations with in some cases, oral for the licensing of teachers, physicians, chiropodists, dentists, pharmacists, druggists, veterinarians; and for the registration of nurses, certified public accountants, optometrists, shorthand reporters and architects. The Regents are also responsible for the examination of applicants applying for admission to the law schools and to the bar examinations. The professional examinations for admission to the bar are conducted by the State Board of Law Examiners. For the purposes of legal records the dates of the examinations for the current school year are made part of this report and are grouped in two classes: (1) those that pertain to the academic or secondary examinations, and (2) those that pertain to the practice of the professions. Examinations were held January 20-24 and June 16-20, 1919, for preliminary certificates and rural school renewable certificates; September 8-10, 1919, professional and technical students in academic subjects; January 20-24, 1919, and June 16-20, 1919, in all academic subjects. Examinations were held August 12-16, 1918, for teachers professional certificates, life state certificates, special commercial certificates, special stenographer certificates; September 24-27, 1918, in all professional subjects except law, which is conducted by the State Board of Law Examiners; January 28-31, 1919, May 20-23, 1919, and June 24-27, 1919, in all professional subjects. The State Board of Law Examiners held examinations for admission to the bar in 1919 as follows: January 14-15, April 17-18 and June 25-26. Professional examinations were also conducted during the year as set forth in the following table.

Professional examinations conducted by the Department
August 1, 1918-July 31, 1919

	No. of examina- tions	No. examined	No. passed	No. rejected
Education.....	2	92	19	.....
Medicine including Osteopathy....	5	530 p. 271 f.	433 p. 261 f.	97 p. 10 f.
	.....	455 c.	301 c.	154 c.
Dental.....	4	199 p. 252 f.	161 p. 209 f.	38 p. 43 f.
	.....	698 c.	467 c.	229 c.

Professional examinations conducted by the Department August 1,
1918-July 31, 1919 (*continued*)

	No. of examina- tions	No. examined	No. passed	No. rejected
C. P. A.....	2	229	50	179
C. S. R.....	2	4	2	2
Chiropodist.....	4	53	47	6
Dental hygiene.....	3	39	38	1
Druggist.....	4	76	58	18
Library.....	26	29	24	5
Nurse.....	3	1637	1399	247
Optometry.....	3	69	36	33
Pharmacy.....	4	478	286	192
Junior pharmacy.....	4	287	171	116
Veterinary medicine.....	4	58	33	25

Question papers for the professional examinations held during the school year July 1, 1918 to June 30, 1919 were printed to the number of 236,280; 26,450 answer papers were written and claimed; 23,409 answer papers were accepted.

Summaries. For the use of the several groups of students that are interested in higher education and its several subdivisions, the following classified facts are gleaned from the statistical tables. These are designed to contrast the year's experience with the preceding year and to form the basis of a comparison of growth in education extending over a period of years.

In 1919 the teaching force employed in the higher institutions in the State numbered 5634 as against 5888 in 1918, being a decrease of 307 men and an increase of 53 women.

In 1919 there were in these institutions 52,043 students, including those unclassified and those pursuing graduate courses; a decrease of 120 students, an increase of 5 men and a decrease of 125 women. In the regular undergraduate courses there was an increase of 1194 students and in the graduate courses a decrease of 333 students.

First degrees conferred in course during the year 1919 numbered 5502, of which 3376 were on men and 2126 on women. For the preceding year the number was 3728 on men and 2027 on women, a total of 5755. Of the 5502 degrees conferred in 1919, 2193 were given by professional schools divided as follows: theology, 40; law, 361; education, 504; medicine, 433; dentistry, 531; pharmacy, 268; veterinary medicine, 24; chiropody, 32. The honorary degrees conferred this year numbered 86 as against 89 in 1918 and 76 in 1917.

The total amount of property including investments is \$202,418,-

678.65, an increase of \$9,142,700 over that reported for 1918. The receipts were \$31,527,429.64, an increase of \$8,097,158.28 over the preceding year; the expenditures were \$25,646,006.87, an increase of \$3,681,874.39 over the preceding year.

The salary list for higher institutions was \$8,773,031.89 for 1919, an increase of \$261,457.74 over the amount expended last year.

Statistics. The grand total for higher institutions, excluding foreign colleges, are here classified by officers of instruction, number and classification of students, degrees, summaries of property and expenditures.

Officers of instruction

Full professors	1 754
Adjunct, associate and assistant professors.....	934
Instructors and tutors	1 663
Lecturers	488
Other assistants on teaching force.....	760
Men	4 625
Women	1 009
Total	5 634
Number of full-time salaries instructors in medical schools.....	120

Number and classification of students

By classes

Freshman or 1st year.....	22 122
Sophomore or 2d year.....	8 707
Junior or 3d year.....	6 807
Senior or 4th year.....	4 530

By courses

B.A.	11 483
B.S.	6 723
B.D.	1 003
Pd.B.	65
LL.B.	2 053
M.D.	2 077
D.D.S.	1 268
Ph.G.	513
D.V.S. or D.V.M.....	136
C.E.	794
M.E.	1 511
Other courses	14 540

Total in undergraduate courses

Men	29 300
Women	12 866

Unclassified students of college grade

Men	3 757
Women	3 560

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Women	12 866

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Men	3 757
Women	3 560

In graduate courses	
Men	2 122
Women	1 039
Total registration	
Men	34 784
Women	17 259
Total	52 043

Degrees

Degrees conferred on completion of course	
B.A.	1 953
Ph.B.	7
B.S.	1 396
B.D.	40
Pd.B.	7
LL.B.	361
M.D.	433
D.D.S.	531
Ph.G.	247
D.V.S. or D.V.M.	24
C.E.	91
M.E.	105
E.E.	36
Other degrees	271
Total, men	3 376
Total, women	2 126

Higher degrees conferred

On examination	855
In course without examination	198

Graduated without degrees

Men	702
Women	422

Honorary degrees conferred

D.D. or S.T.D.	15
LL.D.	34
Others	37
Total, men	83
Total, women	3

Volumes in library	3 205 465
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Summary of property

Grounds	\$34 331 038 59
Buildings	43 556 774 87
Furniture	4 739 501 13
Apparatus	4 495 823 15
Library	5 035 960 06
Museum	431 225 46

Other property	\$2 930 076 93
Total used	95 520 400 19
Investments	106 898 278 46
Total property	202 418 678 65
Debts	12 058 486 79
Net property	190 360 191 86
Total receipts	31 527 499 64

Expenditures

General control

Salaries of president, clerks and office assistants.....	\$894 523 39
Other expenses of administration.....	773 423 12

Total \$1 667 946 51

Instruction

Salaries for instruction.....	\$7 878 508 50
Prizes and scholarships	336 623 51
Supplies used in instruction.....	351 001 72
Other expenses of instruction.....	1 502 382 74

Total \$10 068 516 47

Operation of college plant

Wages of janitor and other employees.....	\$793 647 96
Fuel	691 436 28
Water, light and power.....	223 945 75
Janitor's supplies	84 490 25
Other expenses of operation of plant.....	618 692 71

Total \$2 412 212 95

Maintenance of college plant

Repair of buildings and upkeep of grounds.....	\$461 512 77
Repair and replacement of equipment.....	113 823 75
Other expenses of maintenance of school plant.....	334 266 36

Total \$909 602⁵ 88

Auxiliary agencies and sundry activities

Libraries	\$259 392 94
Repair and replacement of books.....	25 023 26
New books (capital outlay).....	63 420 03
Expenses of boarding pupils.....	833 879 93
Expenses of boarding and caring for teachers.....	438 513 65
Recreation	12 510 04
Other auxiliary agencies and sundry activities.....	1 159 914 83

Total \$2 792 654 68

Fixed charges	
Rent	\$79 187 01
Insurance	107 650 18
Taxes	24 942 59
Contributions and contingencies	62 437 57
Total	<u>\$274 217 35</u>
Debt service	
Redemption of bonds or mortgages	\$424 701 51
Redemption of short-term loans	1 185 074 45
Payment of interest on bonds or mortgages	256 589 26
Payment of interest on short-term loans	94 132 00
Refunds (tuition and board or room rent).....	82 194 09
Total	<u>\$2 042 691 31</u>
Capital outlay	
Land	\$555 774 58
New buildings	387 449 54
Alterations of old buildings.....	231 844 91
Equipment	137 439 73
Total	<u>\$1 312 508 76</u>
Amount invested	<u>\$4 165 655 96</u>
Total payments	\$25 646 006 87
Balance	5 881 492 77
Total payments and balance.....	<u>\$31 527 499 64</u>

UNIVERSITIES

Perhaps no better introduction to the information reported under this caption can be made than the following culled from the report of the Third Assistant Secretary of War, Dr E. P. Keppel, which appeared in the *Columbia University Quarterly* of July 1919.

American scholarship in the war. But do not forget that not all scholars made good in the great test. Let me sum up what I have already said. In the first place, to be useful the scholarship must be sound. The near-scholar, the man who took the short-cut in preparation, proved to be a positive danger. The mere expert in some narrow field, the man who did not realize the implications of what he knew, was relatively useless. A man to succeed had to be intense without being narrow. Even among the sound scholars, the men who really knew, the isolated and insulated individual could very rarely make much headway. It was the open-minded scholar, the maker and keeper of friends, who got his chance, the scholar whose learning was to him a

living thing, not necessarily to be displayed in the market place, and never for the sake of the display, but on the other hand never wrapped in a napkin and buried in the earth.

Education policy, Yale Corporation. Attention was called to the effort of the committee on the educational policy of the Yale Corporation in our last report. A report of the committee dated March 17, 1919 was printed for Yale University, from which it appears that on March 17, 1919 the Yale Corporation voted "that the recommendations of the committee on educational policy has this day been presented and approved."

Under the caption "General University Policy," the following interesting items are reprinted:

35 University Registration

That every student entering the university be required to fill out a university registration card and to furnish a bond in such forms as the corporation may direct.

36 University Year

That the university council be requested to consider the advisability of lengthening the university year, and of holding additional "summer sessions" for the graduate and professional schools.

37 University Health

That more attention be given to public and private hygiene throughout the university, and that the corporation consider the advisability of requiring the physical examination of students at stated intervals.

38 University Teaching

That departments and boards of permanent officers be requested to give special consideration in future appointments to those qualities which make a member of the faculty a strong teacher and an inspiring force in the life of the university community.

39 University Research

That every effort be made to encourage productive scholarship at the university, and that directors of laboratories, chairman of departments and the professors concerned give special care to the selection of significant subjects for research.

40 University Salaries

That nothing is of more fundamental importance for the welfare of the university and its future development than an immediate and substantial increase in salaries.

That the increases in salaries already announced and those under consideration be regarded as only the initial step in a general policy to bring about, as soon as additional income can be secured, further increases in the remuneration of those members of the faculty who have consistently rendered the most efficient, intelligent and inspiring service.

41 University Needs and Opportunities

That as an aid to the corporation in determining the future educational policy of the university, the various university departments of study be requested to report on the following questions:

a What is the budget of your department for the present year, and the estimate for the coming year?

b What are the special needs of your department for its full development in teaching and research?

c What contribution is your department making, and what additional contribution ought it to make, to the university as a whole?

d What contribution is your department making, and what contribution ought it to make, to the work of the community and the Nation?

e What are the opportunities for cooperation with the other departments of your division that promise important results?

Princeton's entrance requirements. The second item of wide-reaching effect illustrative of higher educational changes at the close of the war was released to the press April 17, 1919.

What are probably the most important educational changes made in a generation at Princeton University were authorized at the spring meeting of the board of trustees, and have been today announced to the general public by President John Grier Hibben. They are part of the large program of reconstruction which was undertaken immediately after the signing of the armistice.

The underlying principle of the university's reconstruction was set forth at the first large gathering of the alumni in February when it was announced that Princeton's development lay along the line of making of herself a "national university." The changes already made involve serious modifications of the entrance requirements to Princeton and the course of study offered to her students after entrance.

Beginning this year Greek will no longer be required for entrance to the bachelor of arts course at Princeton, and Latin will not be required of students proceeding to the degree of bachelor of science, in case they offer added requirements in mathematics and modern languages. The granting of the degree of bachelor of letters which has been offered at Princeton since 1904 will be discontinued. This does not mean that the teaching or encouragement of the course in classics which has so long been a feature of Princeton's educational policy will be in any way slighted, but on the contrary. The steady decrease in the teaching of Greek in the preparatory and high schools throughout the country for the past twenty years has made it impossible for students otherwise qualified to meet Princeton's entrance requirements for the A.B. degree. Students are therefore allowed to enter without Greek as in practically all other American universities, and those who wish may begin the study of this subject in college.

In deciding the character of the degrees to be offered in the academic courses at Princeton hereafter, the faculty and trustees have taken the attitude that the course in preparatory school and college should be considered as a connected body of knowledge. It recognized that there are two main

types of students, the one primarily interested in the humanities or liberal studies in philosophy, literature and art and the other interested in training along the line of mathematics and the sciences. To meet this situation the university courses at Princeton for the upper classes are arranged in three large divisions, one of philosophy, literature, languages and art and another of mathematics and the sciences, with an intermediate division of history, politics and economics.

The candidate for the A.B. degree must take a certain prescribed amount of work in preparatory school and college along the liberal lines indicated by his degree and the bachelor of science student must have a certain amount of mathematics and of scientific discipline. Outside of this he is offered considerably larger freedom in freshman and sophomore years than has hitherto existed. As the entire plan differs markedly from that announced in the Princeton catalog, the university is preparing a detailed statement of all these changes which will shortly be sent out to all school principals.

Entrance Requirements, April 10, 1919. Princeton University announced the following revision of the freshman entrance requirements for the courses leading to the degrees of bachelor of arts (A.B.) and bachelor of science (B.S.), to go into effect immediately.

Bachelor of Arts

1 A candidate for admission to the course leading to the degree of bachelor of arts (A.B.) under the ordinary or "*old plan*" of examination shall be examined in:

English	3	units
Latin	4	"
Greek or intermediate modern language.....	3	"
Elementary mathematics	2½	"

and also in subjects amounting to two additional units from the following list of elective subjects:

History (ancient)	1	unit
History (med. and mod.)	1	"
History (English)	1	"
History (American)	1	"
History (mod. Eur.)	1	"
Elementary French	2	"
Intermediate French	3	"
Elementary German	2	"
Intermediate German	3	"
Elementary Spanish	2	"
Intermediate Spanish	3	"
Advanced mathematics D (solid geometry).....	½	"
Advanced mathematics F (plane trigonometry).....	½	"
Physics	1	"
Chemistry	1	"

2 A candidate for admission to the course leading to the degree of bachelor of arts (A.B.) under the "*new plan*" or comprehensive examinations shall be examined in:

English	3	units
Latin	4	"
Greek or intermediate modern language.....	3	"
Elementary mathematics	2½	"

and shall present a satisfactory certificate from his school covering two additional units from the list of elective subjects given in paragraph 1.

Bachelor of Science

1 A candidate for admission to the course leading to the degree of bachelor of science (B.S.) under the ordinary or "*old plan*" of examination shall be examined in:

English	3	units
Elementary and advanced mathematics.....	3½	"
{ Latin (4 years).....	4	"
or		
{ Intermediate modern language	3	"
{ Physics		
or		
{ Chemistry	1	"

and also in enough subjects from the list of elective subjects given under paragraph 1 of the bachelor of arts requirements to total 14½ units.

If examination is taken in intermediate modern language, Latin (2 years) may be offered toward satisfaction of the requirement of 14½ units.

2 A candidate for admission to the course leading to the degree of bachelor of science (B.S.) under the "*new plan*" or comprehensive examinations shall be examined in:

English	3	units
Elementary and advanced mathematics.....	3½	"
{ Latin (4 years).....	4	"
or		
{ Intermediate modern language	3	"
and one of		
{ Latin (2 years).....	2	"
{ Elementary modern language.....	2	"
{ Physics	1	"
{ Chemistry	1	"

and shall present certificates for the following:

- Latin (2 years) or elementary modern language
(in case examination is not taken in either)
- Physics or chemistry
(in case examination is not taken in either)

and for sufficient additional subjects from the list of elective subjects given in paragraph 1 of the bachelor of arts requirements to total 14½ units.

Association of American Universities. The 20th annual conference of this association was held December 4, 1918 and referred to in our last report. As the 21st meeting will not be held until after

this report closes, further mention will be deferred to the next annual report.

National Association of State Universities. The 16th annual meeting of this association was held in Chicago November 1918 and referred to in our last report. As the 17th meeting will not be held until after this report closes, further mention will be deferred to the next annual report.

Summary. Again this report gives a summary of the students in attendance on the universities of the State (see exhibit A, table 1). The statistics from the foreign institutions classified in this group, are omitted. In 1919 there were 3161 students in graduate courses, of whom 2122 were men and 1039 were women. The total number of higher degrees conferred during the year was 1053, of which 495 were conferred on men and 558 on women. The total number of honorary degrees conferred was 86.

COLLEGES

In reporting the college after the war three points of view are chosen as indications of conditions, the first by the president of the oldest college of the State:

These are the three subjects which must lie at the heart of an effective education which has learned the lessons of the war. To these all other forms of instruction are either introductory and ancillary or complimentary and interpretative. Literature, history and philosophy will continue to preside over them all and to offer the largest and most inviting opportunity for the rarest and best furnished spirits unforgetably to serve their kind. One Shakspeare, one Gibbon, one Aristotle are worth a thousand years of human waiting and human travail.

The second thought is from the pen of the president of the one representative college for men within the State that is an American college of liberal arts and science both in name and in fact:

One reason why we are not accomplishing far more is because our boys do not understand why they go to college; and it may well in these days be our part to set the goal more clearly before them. It seems to me that the courses should be less in number, more earnestly, more honestly given; there should be far less of that competition between professors offering elective courses, where, to secure numbers, they must aim not to provide solid nourishment but only to tickle the palate. I have in mind a man in one of the large universities who represented a very common point of view, who carried his selection of courses for the second semester to his professional adviser to have them approved, and the adviser, taking them up, said, "How did you ever manage to select such a group of subjects?" He said, "Professor, I selected that group of subjects because there is not one there in which a

textbook is used, there is not one there which comes before 10 o'clock in the morning and there is not one that is held up more than one flight of stairs." With the return from overseas of millions of earnest young men who have been in contact with the greatest questions of life, there should come a new spirit of earnestness and we should be ready to take advantage of it. Those mottoes that hang in those rooms of our undergraduates, which we call "the studies," should have their faces turned to the wall. We all know what they are: "Don't let your studies interfere with your education"; "Never study between your meals"; "Never prepare today what you can hope to bluff tomorrow"; "It is better to have come and loafed than never to have come at all"; and then this beautiful modern one, showing how bright these young idlers are after all, "Use no midnight oil but gasoline."

The third illustration is from the proceedings of the Department of Colleges and Secondary Schools of the Catholic Educational Association. Father Donnelly, discussing "The Principles of Standardization" writes:

Yet despite these perils and others connected with standardization, the term and its reality represent some facts and good advantages.

First of all, standardizing tends to give definite meaning to many terms. What is meant by a college, a university, a high school? Countries, states, individuals, differ in their acceptance of the term. It is a gain for clear thinking and for accurate reasoning to have some commonly accepted signification for constantly used terms. Standardizing defines.

Again standardizing, though it does not always put the thing standardized in the highest class, does usually give it some class by establishing minimum requirements. A standard protects a school against inferior competitors; keeps out, if the standard is enforced, unsuitable material; assures students and the world that the product of a system has, at least in theory, a definite value.

In the light of discussions of the Association of Colleges and Universities in this State, the following paragraph will appeal to all participants:

Two years ago Professors Bushnell and Place of Syracuse University attempted to find out the value of a college A.B., in terms of Latin and Greek requirements. In the use of such a simple term as year there was a wide difference of practice. The investigators fixed as a standard year three recitations per week throughout a college year. Even here there is room for misunderstanding. What is a collegiate year? How long is a recitation period? Again, the conclusions were based on catalog prescriptions, which do not always correspond with realities. But without considering these necessary limitations, it is remarkable what a wide range of requirements was noted. Catholic colleges in the East called for eleven years of Latin and Greek whereas by far the larger number of eastern colleges demand six years or less of both languages.

History was searched to find the beginnings of this desire to standardize educational products.

The first educationalist who desired to standardize education was Gorgias, the Sophist, who came from Sicily to Athens. The Sophists were the first to advocate quantity production in education. They left their mark on education and in Isocrates produced the greatest schoolmaster of the world. Athens welcomed these and all other teachers, kept and handed down to posterity what is found good in their systems, but never attempted to mold all education by one uniform standard. It was Sparta that attempted mechanical standardization under a highly centralized oligarchy and a bureaucratic government. Athens with her liberal policy became the teacher of the world, the foundation of all arts and sciences, and Sparta has the unique distinction of having never produced a gentleman. It is the sad model, however, of a state which advocates a narrow, state-controlled, and highly specialized standard. During every age in their attempts at standardization, the most enlightened educators never cut themselves off from experience and true philosophy. The Renaissance saw many plans of education devised, all of them purporting to embody, not the average of a given locality or time, but the garnered and choice experience of all time and of every place. The humanists mostly disdained the Middle Ages, and so their plans, though good in many ways, were not comprehensive enough. The most ambitious attempt at standardizing education ever attempted is found in the Ratio Studiorum of the Jesuits. The Jesuit system endeavored to make a synthesis of the best inhumanism and the best in medieval scholasticism. Its originators were conservative Spaniards, educated in progressive Paris, and teaching and planning in artistic Italy. The Ratio was an elaborate embodiment of the best experience of all time and was imposed after many careful trial tests. Standardization, however, can not stop life and freedom and progressive changes, and though the principles of the Ratio inherited from experience and based on sane philosophy are still and ever will be true, yet with the disappearance of Latin, outside the Church, as the language of science and art and learning, with the growth of modern languages, with the discovery of modern sciences and their adoption as instruments of education, with the unceasing pressure of environment, the Ratio Studiorum, the most ambitious and most enduring of all standardizations, has been profoundly modified in different ways, by different countries.

After citing Newman's "Lecture on Christianity and Letters" in the Idea of Univerity, which should go into any standardization, he comments on the bulletins issued by the Bureau of Education, both in the standardization of colleges and of secondary schools. As illustrating another point of view the following paragraph is selected:

The Bulletin represents the triumph of Doctor Eliot's electivism which after changing all colleges into amorphous universities is now to be rebaptized as vocational training and to make miniature universities of the high schools. Youths at the mature age of 12 are to experiment for three years playing at trades under the guidance of so-called vocational experts and then be differentiated into groups for further experimentation.

His closing paragraph must close this review :

What are those comprehensive features which time and wisdom have shown to be necessary to a standardized college? They are the mastery of English speech and composition, the broadening and enriching contact with our civilization through the classical languages and history, the general principles of molecules through physics and of atoms through chemistry and of life through biology and of finance through political economy, and finally the transcendental principles of all knowledge through metaphysics and psychology, and the ruling of all conduct through ethics.

Association of American Colleges. The 5th annual meeting of this association was held at Chicago, Ill., January 9-11, 1919. The proceedings appear as number 2 of volume 5 in March, edited by the secretary of the association. The topics of the program were live and interesting, including such representative topics as "College Instruction in Architecture"; "College Financial Statements"; "In What Ways Can the Relation between Colleges and Universities be Strengthened?"; "Federal Leadership in Education."

Association of Colleges and Preparatory Schools of the Middle States and Maryland. The 33d annual convention of this association was held under the auspices of the University of Pennsylvania, Philadelphia, Pa., November 28-30, 1919. The topics of general interest included the "Conference on Examination Values," which discussed substitutes for content examinations; "The College of the Future," which set forth the claims of the junior college and of the four-year American cultural college; while the committee reports included that on "Standardization of Colleges," which distributed proposed definition and standards and also a proposal to establish a commission of institutions of higher education.

As the recommendation of the committee was adopted the organization of the committee and its duties are concisely stated:

Organization. The commission on institutions of higher education shall consist of fourteen persons, six from higher institutions belonging to this association, three from secondary schools belonging to this association, and three at large.

Duties. The duties of the commission are:

- 1 To recommend from time to time such changes in the stated standards for institutions of higher education as may be desirable, especially such as may be in the direction of uniformity with those of other standardizing agencies.

- 2 To adopt from time to time lists of accepted institutions of higher learning.

Association of Colleges and Secondary Schools of the Southern States. No meeting of this association occurred during 1918.

Catholic Educational Association, Department of Colleges. Four sessions of this department were held June 24-26, 1919, at the St Louis University. The two papers of special interest presented at this meeting were "The Principles of Standardization" and "Social Life in the Colleges."

National Educational Association, Department of Higher Education. The 57th annual meeting of this association was held June 28-July 15, 1919 at Milwaukee, Wis. The topics of discussion were "The Influence of the War on Higher Education"; "The Effect of the War on Methods of Teaching"; "Modification of Business Methods in Educational Institutions"; "Effect of the War on the Education of Women."

National Collegiate Athletic Association. The 13th annual convention of this association was held at New York City December 27, 1918. The importance of the interests represented by this association, as its name suggests, warrants its notice in this report. The following topics are illustrative of this point of view: "Physical Training and Athletics in the French Army"; "The Reconstruction Program for Physical Education in the Colleges"; "The War Department Commission on Training Camp Activities—to what Extent Can its Plans and Methods be Adopted by the Colleges?" The reports of the representatives from the nine districts of the association are most interesting illustrating as they do the ideals of the association, which should be kept in mind by the readers of the daily press and of college publications.

New England Association of Colleges and Secondary Schools. No information is available as this report goes to press.

Southern Association of College Women. The 15th biennial meeting of this association occurred in Columbus, Miss., April 18-19, 1919. The object of this association is set forth as follows: (1) to unite college women in the South for the higher education of women; (2) to raise a standard of education for women; (3) to develop preparatory schools and to define the line of demarkation between preparatory schools and colleges. The reports from branches afford much valuable information regarding the higher institutions of the South.

College Entrance Examination Board. The 19th annual report of the secretary includes the examinations of June 1919. The reason for the existence of this board is set forth in the following paragraph:

In estimating the influence of the College Entrance Examination Board for the educational welfare of the country we should bear in mind the fact that the conditions of modern civilization make the written test no less important than the oral. Written examinations must be used to prepare for written examinations, and pupils by constant practice will acquire habits and methods of thought that will be always helpful and valuable. By oral recitation the pupil gradually acquires the preliminary practice and the self-confidence that enable him to voice his thoughts more and more fully and correctly; in similar manner, skilfully conducted written tests will help the pupil to express himself in writing accurately, connectedly and briefly, even when under external pressure.

The financial crisis of the board was relieved by a subvention from the Carnegie Corporation. Commenting thereon the report says, "Should the subvention be continued, or should endowment be secured, it would be possible to improve the work of the board in many ways and perhaps by a reduction of the examination fee to facilitate a wider use of the examinations."

The recommendation of the committee on examination schedule was adopted and a commission of nine was appointed to make a careful study of the examination schedule of the College Entrance Examination Board and the problems which have been raised in connection therewith. This commission was to report to the board at its next meeting.

New England College Entrance Certificate Board. The 17th annual meeting of the board was held in Boston, Mass., on May 15, 1919. At the date when this meeting was held war conditions still prevailed as is shown by the recommendation of the committee on schools which, because of the impossibility of securing reports of college work for the last term that would be of any value to the board, carried forward the approval of the schools now on the list for one year. This action was taken "inasmuch as the program of the student army training corps displaced the regular curriculum in all the men's colleges."

National Conference Committee on Standards of Colleges and Secondary Schools. The 12th conference of this committee was held at New York City March 24, 1919. As customary, the committee received in advance a note concerning the matters to be taken up at the meeting in accordance with the recommendations of the executive committee, which included "Definition of a College"; "Report on Junior High Schools"; "Spanish for Admission"; "Lessons Learned from the War"; "Plans for Federal Influence"; "International Relations."

The definition of a college differs so materially from the definition of the Regents that the two are brought together in this place.

The Regents rule reads:

Section 24 College defined. An institution to be ranked as a college must have at least eight professors giving their entire time to instruction therein; must require for admission not less than four years of academic or high school preparation, or its equivalent; and must maintain a curriculum of four full years of approved grade in liberal arts and sciences.

The conference definition reads:

A "college" is an institution requiring for admission graduation from a standard secondary school or the equivalent, and offering a four-year curriculum leading to the first degree in arts or science.

That the point of view may more clearly be brought out the suggestions of the New York Association of Colleges and Universities are given, followed by the notes based on the judgment of the committee reporting to the conference, and the standards of accrediting colleges and universities by the North Central Association of Colleges and Secondary Schools.

Administrative suggestions. 1 A college year should include for each student not less than 34 weeks of actual work, of not less than fifteen full periods a week or the equivalent.

2 Members of the teaching staff in independent charge of courses should have had not less than one year of graduate study and a majority of them should have had training equivalent to that presupposed by the degree of doctor of philosophy.

3 A decided preponderance of the teachers that have charge of classes should be of professorial rank.

4 The number of teaching hours a week for each instructor should not exceed 16.

5 The curriculum should provide both for breadth of study and for concentration.

6 The curriculum should have justifiable relation to the resources of the institution.

7 There should be library and laboratory facilities adequate to the work which the institution attempts to do and these should be kept up to their full efficiency by means of adequate annual expenditures.

8 There should be a minimum productive endowment beyond all indebtedness, of at least \$500,000. In the case of tax-supported institutions of those maintained by religious or other organizations, financial support or contributed services equivalent in value to the endowment specified, are substitutes.

9 Salaries paid the members of the teaching staff should be adequate. The minimum will depend upon the local cost of living as well as upon other factors.

10 In administering entrance requirements, exceptions should be few and made only for reasons of great weight.

11 The graduates of an approved college should be qualified for admission to study as candidates for higher degrees.

Requirements of the committee:

1 A requirement for admission of fifteen (15) units of secondary work, not more than two (2) units of condition being allowed, all special students under 21 years of age being required, except in rare and unusual circumstances, to meet all the requirements for admission, preparatory courses, if any, being distinct in faculty, students and discipline.

2 A program of studies having a reasonable relation to the resources of the institution.

3 A liberal curriculum, with advanced work in several fields, and a reasonable margin for free election, the curriculum to be of such a character as to qualify for admission to a graduate school of recognized standing.

4 A college year of thirty-two (32) weeks of actual instruction.

5 Eight (8) departments, each having at least one full-time teacher of professorial rank.

6 A staff, two-thirds of which are of professorial rank, having had at least two (2) years of study in a graduate school of recognized standing, receiving salaries of two thousand dollars (\$2000) a year or more, and teaching not more than sixteen (16) hours a week.

7 A productive endowment, beyond all indebtedness, of three hundred thousand dollars (\$300,000).

8 An annual income for current expenses of forty thousand dollars (\$40,000) a year, at least three-fifths of which is expended for instruction.

9 An expenditure of one thousand dollars (\$1000) a year for laboratory equipment and apparatus, and of one thousand dollars (\$1000) a year for books and periodicals.

10 An annual or biennial published report of assets, income, expenditure, faculty, curriculums, and student body.

Standard of the North Central Association. The standard American college is a college with a four-year curriculum with a tendency to differentiate its parts in such a way that the first two years are a continuation of, and supplement to, the work of the secondary instruction as given in the high school, while the last two years are shaped more or less distinctly in the direction of special, professional or university instruction.

The following constitutes the standards for accrediting colleges for the present year (1919).

1 The minimum scholastic requirement of all college teachers shall be equivalent to graduation from a college belonging to this association, and graduate work equal at least to that required for a master's degree. Graduate study and training in research equivalent to that required for the Ph.D. degree are urgently recommended, but the teacher's success is to be determined by the efficiency of his teaching, as well as by his research work.

2 The college shall require for admission not less than fifteen secondary units, as defined by this association.

3 The college shall require not less than one hundred twenty semester hours for graduation.

4 The college shall be provided with library and laboratory equipment sufficient to develop fully and illustrate each course announced.

5 The college, if a corporate institution, shall possess a production endowment of not less than \$200,000.

6 The college, if a tax-supported institution, shall receive an annual income of not less than \$50,000.

7 The college shall maintain at least eight distinct departments in liberal arts, each with at least one professor giving full time to the college work in that department.

8 The location and construction of the buildings, the lighting, heating and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus and methods of cleaning shall be such as to insure hygienic conditions for both students and teachers.

9 The number of hours of work given by each teacher will vary in the different departments. To determine this, the amount of preparation required for the class and the time needed for study to keep abreast of the subject, together with the number of students, must be taken into account; but in no case shall more than eighteen hours per week be required, fifteen being recommended as a maximum.

10 The college must be able to prepare its graduates to enter recognized graduate schools as candidates for advanced degrees.

11 The college should limit the number of students in a recitation or laboratory class to thirty.

12 The character of the curriculum, the efficiency of instruction, the scientific spirit, the standard for regular degrees, the conservation in granting honorary degrees, and the tone of the institution shall also be factors in determining eligibility.

13 No institution shall be admitted to the approved list unless it has a total registration of at least fifty students if it reports itself as a junior college and of at least one hundred students if it carries courses beyond junior college.

14 When an institution has, in addition to the college of liberal arts, professional or technical schools or departments, the college of liberal arts shall not be accepted for the approved list of the association unless the professional or technical departments are of an acceptable grade.

North Central Association of Colleges and Secondary Schools.

The 24th annual meeting of this association was held March 20-22, 1919, in Chicago, Ill. The proceedings are edited by the secretary and published by the association. The item of special interest at this time is the report of its commission on institutions of higher education. These standards of accrediting colleges and universities for 1919 are published above in connection with those of The University of the State of New York and those of the conference committee on standards.

Summary. This report continues the separate summary of the students in attendance on the colleges of liberal arts and science distinct from the universities with their graduate students (see Exhibit A, table 1). In 1919 there were 38 colleges of liberal arts and science, of which 17 were for men, 15 for women, and 6 for men and women.

There were 2073 teachers, 1541 men, 532 women, of whom 934 men and 9 women were in colleges for men, 206 men and 463 women in colleges for women, 401 men and 60 women in colleges for men and women.

There were 18,641 students in attendance, of whom 10,641 were men and 7888 women. There were 8093 men and 341 women in the colleges for men, 1 man and 5425 women in the colleges for women, and 2547 men and 2122 women in the colleges for men and women. Such anomalies of statement result from colleges for men admitting women to graduate work or extension courses or summer sessions.

PROFESSIONS

Attention was called in the last report to the new department of registration and education in Illinois. Other states acting under similar influences modified or endeavored to create improvements in the professional practice acts by the bringing together of the several boards of administration into more compact organizations. Such procedure is easily accomplished in the newer states where the requirements can be established *de novo*, and the sparsity of population or the small numbers of the professions involved materially lessens the difficulty of such enabling acts. But when agreements are to be drawn between two states regarding admission to professional practice through indorsement, the problem is more difficult of solution and New York State has been obliged to decline to enter into such agreements until it became clearly apparent that the spirit of her professional education laws should not be violated; namely, that in the registration of the schools and students without the State, the schools and students of the State should not be discriminated against. Since the amendment of the pharmacy practice act in 1910, it has been impossible for New York State to enter the National Association of Boards of Examiners other than as an affiliated member, because the requirements for membership could not meet those of the New York practice act.

Agreement between New York and Michigan. During the year the first agreement to indorse certificates of public accountants was drawn between the states of New York and Michigan. The procedure is reported from the Journal of the Regents meeting March 27, 1919, and the agreement as amended follows:

Procedure. On the 30th of November, 1918, the secretary of the State Board of Accounting of the state of Michigan requested that action be taken establishing reciprocal relations between New York and Michigan in the

matter of public accounting. Accordingly a copy of an agreement, based upon our law, was sent to the secretary of the Michigan board, and the same being entirely satisfactory to that board, was signed by the president and secretary and returned here for further action. The agreement has been before the State Board of Certified Public Accountant Examiners for this State and being approved has received the signatures of the president and secretary. Transmitted herewith is the agreement which shall cover the recognition by New York State of certified public accountants from the state of Michigan, upon a basis set forth in the agreement which conforms to the legal requirements in this State. It is recommended by the committee that this agreement be approved by the Board of Regents, receive the signature of the Acting Commissioner of Education, and that it be set forth in full in the Regents Journal.

Agreement. 1 The basis on which reciprocity shall obtain between the States of New York and Michigan shall be a certificate earned on examination in either one of the states.

2 An applicant for indorsement of a certificate must present a written application in the form prescribed by the board to which such application is made together with a certificate from the officials of the state board of examiners which certified him showing that he has been duly certified by such board, that at the time of such application for indorsement he is a reputable certified public accountant, that he is in good standing in the profession and in the community and that he has been a certified public accountant at least one year in the state certifying him.

3 When an applicant presents his application for indorsement to the board of one state, and such board has reasonable doubts of the qualifications of the applicant, either personally or professionally, said board shall return the application to the board that issued it, together with its reasons for such return and ask for a reconsideration. The board of either state, before granting an application may require the applicant to present satisfactory evidence that he possesses the qualifications required by law for the admission of a candidate to a C. P. A. examination of that state; if the applicant fails to present such evidence his application for indorsement shall be denied; where the applicant presents a certificate issued prior to the date of reciprocity, the board to which the application is made, may require for its consideration the original papers on which the certificate was granted or a certified copy thereof. The original certificate of public accountant only can be indorsed by either board. No applications for other indorsements will be considered.

4 Applicants certified by Michigan and New York State through examination subsequent to the date of this agreement, may have their certificates indorsed in either state.

5 The preliminary education required for admission to the examinations for certified public accountant shall be the same for both states. The certification of the education department of one state as to the standards maintained by secondary schools in that state, shall be accepted by the other state. Where it appears to the satisfaction of the board of one state, after due inquiry, that the applicant did not have a preliminary education equivalent to that required by law or rules for admission to the examinations, such

board may refuse to grant the indorsement. The standards to be required of secondary schools without the states of New York and Michigan shall be fully equivalent to those required of the schools within these states and the schools to be registered as maintaining such equivalent standards shall be determined by joint agreement between the Education Department of New York State and that of the state of Michigan in accordance with the plan of procedure to be arranged by said education departments. A credential presented from school or college, not upon the list agreed upon, may be considered and the standing of such school or college determined temporarily until its status can be finally established by the education departments.

6 The standing of the schools of accounting of the two states shall be determined in New York by the Board of Regents, and in Michigan by the State Superintendent of Public Instruction, and the recognition thus determined by one shall be accepted in full by the other. The standing and the registration of all other schools of accounting shall be determined by joint agreement between the Board of Regents of the State of New York and the State Superintendent of Public Instruction of Michigan and a definite list of approved schools established, each state reserving the right of submitting evidence in reference to any institution either for removing it from or placing it on the approved list.

7 Full faith and credit shall be given by the board of each state to the certified public accounting examinations held by the board of the other state.

8 Applicants for certification under this agreement shall be indorsed in New York State by the president and secretary of the State Board of Certified Public Accounting Examiners and by the Commissioner of Education; in Michigan by the president and secretary of the State Board of Accountancy and the State Superintendent of Public Instruction.

This agreement of reciprocity in certification of accountants between the State of New York and the State of Michigan in effect January 1, 1919, is entered upon by representatives of the State Board of Certified Public Accountants and the Regents of The University of the State of New York and the State Board of Accountancy and the Superintendent of Public Instruction of the State of Michigan, to remain in force until rescinded by formal action, under authority of article 8, general business law (L. 1909, ch. 25, constituting ch. 20 of the Consolidated Laws and sections 6898-6905 Compiled Laws of Michigan).

"Professional legislation, 1919. The chiropody law was amended (ch. 234), by defining the practice of chiropody or podiatry. The dental law was also amended (ch. 422) in relation to conferring degrees on soldiers and sailors of the World War, providing that the degree of D.D.S. may be conferred upon any matriculant prior to 1917 of a registered dental school having a three-year course, but who by reason of entering the war was precluded from completing his course and who shall resume his course at the opening of the next school year following his discharge from service.

Summaries. In 1919 there were 76 less students in attendance on the theological schools of the State (1242); 429 less in the law schools (2189); 216 less in the schools of education (3306); 655 less in the medical schools (3250); 358 less in the dental schools (1226); 297 less in the pharmacy schools (1043); the same number in the veterinary schools (137); 100 less in the 143 registered nurse training schools, from which reports were received (5013); and there were 59 in chiropody; 66 in optometry; 97 in library schools; 4858 in accountancy; 134 in architecture; 3998 in engineering and technology; 3026 in art and journalism; 2164 in music; and 1220 in agriculture.

Theology

The necessity for reporting the activities of the theological schools by the State Department may not be plain to the general public or to educational administrative officers of other countries. It lies fundamentally in the unique educational organization of the State—The University of the State of New York. The Education Law first formulated in the act “erecting an university within this State” passed May 1, 1784 after empowering the Regents “to found schools and colleges in any such part of this State as may seem expedient to them” provided “that whenever any religious body or society of men shall deem it proper to institute a professorship in the said University for the promotion of their particular religious tenets or for any other purpose not inconsistent with religion, morality and the laws of the State and shall appropriate a fund for that purpose not being less than two hundred bushels of wheat per annum, that the Regents of the said University shall cause the same to be applied as the donor shall direct for the purposes above mentioned.” But the powers prefigured in this first draft were limited in subsequent amendments of the University Law. And the Education Law (sec. 46) of today states specifically “but no enactment of the Regents shall modify in any degree the freedom of the governing body of any seminary for the training of priests or clergymen to determine and regulate the entire course of religious doctrinal or theological instruction to be given in such institution.” The wisdom of this legislation is clearly manifest in the reports of this Department as evidenced in the list of the schools of theology, members of the University, fifteen in number and representative of all denominations of religious thought that have converted the wheat of the first act into other forms

of wealth sufficient for the permanent organization of a school. And the expression "other forms of wealth" is chosen deliberately to lead the thought to that more important form of wealth impossible of standardization but more potential than any material substance by whatever unit measured — the power of service.

Nugget. "There is so much bad in the best of us
There is so much good in the worst of us
That it little becomes any of us
To talk about the rest of us."

New York State has an educational platform on which all educational opinions can stand and it is ready to report educational progress that seems of sufficient moment to be preserved in the annals of education for all time to come. For this reason the activities of Christian education is reported under this caption for the first time. The activities of the Association of American Colleges and all others representing public, independent and denominational institutions in the United States will be reported in so far as the discussion and prosecution of such questions and plans may tend to make for efficiency.

Council of Church Boards of Education. The 1919 year book of the council appeared from press March 1919 as volume 2, no. 11, entitled "Christian Education" which continued the "American College Bulletin." The contents of this year book comprise the annual reports of the executive secretary, of the survey secretary, and of the secretaries of the eighteen boards of education. Special attention may be called to but one item, "The Commission of Standardization of Courses in Church Schools."

Summary. Detailed information concerning the numbers of students, officers of instruction, degrees granted and courses offered in the several schools of theology is given in exhibit A, table 2. In comparison with 1918 the theological schools of the State have for 1919 the same number of institutions (15); 5 less instructors (183); 146 less students (1242) (an approximate loss of 10 per cent); and 25 more degrees conferred (70).

Education

Delays through war conditions are incident to the reports under this caption as well as under others.

The Carnegie Foundation for the Advancement of Teaching. In the 14th annual report of the president he states that the founda-

tion's study of the professional preparation of teachers for American public schools, announced in the last report, has experienced extended delays in passing through the press; it should appear within a few weeks. Advantage has been taken of the opportunity thus afforded to make various modifications and additions. Among the latter is some statistical material of much value showing the actual extent of the influence exerted by the Missouri normal schools in the teaching population of that state—a study on which the field work of the state was based. The major conclusions reached are set forth in the report (pages 99–105) and are discussed under the captions “Democracy and Education,” “Education and the Teachers,” “New Standards Essential for Genuine Education,” “A New Training for Teachers,” and “The Teacher and the Public.” From one sentence know all:

To pass childhood through a graded quality of instruction in order finally to place those who survive in charge of real teachers only at the top is a blunder that explains more of the dire results noticeable in our schools than we dare acknowledge.

Standards of the North Central Association. The list of accredited institutions of higher education by the North Central Association for 1919 (arranged alphabetically) is based on certain standards which, for purposes of comparison, are reported at length:

The standard American institution primarily for the training of teachers is a school with two-year, three-year, and four-year curriculums designed to afford such general and professional education as will best fit students, for specific teaching in American public schools, such curriculums to be based upon a general education equivalent to at least that represented by graduation from a standard four-year high school. The work of the curriculum for such professional training of teachers, whether general or specific, shall comprise courses of collegiate grade only, provided that in sections of the country where conditions require, courses of secondary grade may be given for the purpose of preparing teachers for work in rural schools.

The following constitute the minimum standard for accrediting institutions primarily for the training of teachers:

- 1 The minimum scholastic requirement of all teachers in such schools (except teachers of the so-called special subjects in elementary schools, including music, drawing and manual training, and assistants in the training school) shall be equivalent to graduation from a college belonging to this association, supplemented by special training or experience, or both, of at least three years. Graduate study and training in research equivalent to that required for the master's degree are urgently recommended, but the teacher's success is to be determined by the efficiency of his teaching, as well as by his research work.

2 Such schools shall require for admission not less than fifteen secondary units as defined by this association. Students admitted with less than fifteen units shall be designated as special or unclassified students.

3 Such schools shall require not less than 60 semester hours for graduation, and not less than 120 semester hours or equivalent credit for any degree.

4 Such schools shall be provided with library and laboratory equipment sufficient to develop adequately and to illustrate each course announced.

5 Such schools shall provide adequate facilities for practice teaching and observation.

6 Such schools shall receive an annual income for maintenance and operation of not less than \$50,000, or if less, at least \$150 per year per student in average attendance.

7 The location and construction of the buildings, the lighting, heating and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus and methods of cleaning shall be such as to insure hygienic conditions for students and teachers.

8 The average teaching program of a teacher in such schools shall not exceed 15 clock hours per week in actual teaching or the equivalent in classroom, laboratory, shop or supervisory instruction. The class unit for instruction shall not exceed 30 students.

9 The character of the curriculum, the efficiency of instruction, the professional spirit, and the tone of the institution shall be factors in determining eligibility.

10 No institution shall be admitted to the approved list unless it has a total registration of at least 100 students from September to June whose preliminary preparation is the equivalent of at least graduation from a four-year high school.

No institution shall be accredited or retained on the accredited list unless a regular blank has been filed with the commission, and is filed triennially, unless the inspectors have waived the presentation of the triennial blank.

Society of College Teachers. The "Educational Monographs" by the Society of College Teachers of Education, no. 8, appeared in 1919 and is entitled "College Courses in Education." It was presented by the committee as the basis for discussion at the Chicago meeting of February 24-25, 1919. It is no. 13 of the publications of the society. These references will prove of value to the committee in charge of the revision of the course of study and syllabus for the guidance of nurse training schools in the preparation of students in the examinations for the state board.

Summary. Detailed statistics for the year concerning the schools of education of the State are given in exhibit A, table 2. In comparison with 1918 the schools of education show for 1919 the same number of institutions (4); 3 more officers of instruction (323); 216 less students (3306); 1 more graduate (507).

Examinations. The examinations for the renewal of college graduate limited certificates between August 1, 1918 and July 31, 1919 were as follows:

<i>Subjects</i>	<i>Papers written</i>	<i>Papers accepted</i>
Psychology	30	21
History of education	40	35
Principles of education	41	36
Methods in English	26	21
Methods in foreign languages	28	23
Methods in mathematics	20	14
Methods in science	10	8
Methods in history	25	22
Total	220	180

During the year there have been issued 233 provisional certificates to graduates from approved pedagogical courses in colleges and universities; 197 college graduate professional permanent certificates; 228 limited certificates and 82 life certificates. The total number of certificates issued was 740; number renewed 167; this aggregated 907 against 1026 reported last year.

Law

Continuing the report of last year regarding the activities of the Carnegie Foundation for the Advancement of Teaching in its study of legal education, the following clearly defined analysis is reprinted from the 14th annual report of the causes contributing to "the present systematic disorganization of the profession":

An event which may or may not prove to have practical importance for law schools has been a recent simplification of the constitution of the American Bar Association. For years the activities of this body, in the important field of legal education and admission to the bar, have been clogged by a cumbersome mechanism. There have been both a committee and an independent section of legal education, and while both have labored faithfully, and accomplished much good, they have inevitably played from time to time at cross-purposes. Final positive action by the association itself has been very difficult to secure under these circumstances, particularly in view of the congestion of business at the annual meetings. Just before the war the committee was converted into a so-called council of legal education, the name being suggested by the influential "council of legal education" in England and "council on medical education" in this country. Insufficient funds were supplied for the support of this body, however. The only essential distinction between this and the original committee was the provision that its members were to hold office for five years, instead of being annually

appointed. The five members of the committee were as a matter of fact reappointed members of the council. All this has now been abolished in favor of a section, which itself is to choose a body of eight members, officially designated as "The Council of the American Bar Association on Legal Education and Admissions to the Bar." The chairman of the section is also to be deemed a committee of one, to report its recommendations for action by the association.

On the score of simplification of the machinery, this reform is certainly to be commended. Unluckily it has not been accompanied by any diminution of the friction that has existed for several years between the American Bar Association and the important group of educational institutions represented in the Association of American Law Schools. Unfortunate as the division of forces within the Bar Association has been, it has not constituted so great an obstacle to advance as has the lack of harmony between organized practitioners and organized law teachers. The fundamental difficulty seems to have been that each of these two organizations appears to have felt that it was entitled to a paramount influence in shaping the conditions under which our young men shall be trained in the law and admitted to the bar, while at the same time each of them has been able to make a case against the other as being not truly representative, on the one hand of the American bar as a whole, and on the other hand of all the different types of law schools needed to train a slowly differentiating profession. From this evil certain subordinate ones have sprung. It has been customary, both in the American Bar Association and in state and city associations, to compose the committee on legal education largely, if not entirely, of law school men. Now whether or not there ought to be different types of law schools — this being perhaps the most vital question upon which those interested in legal education now disagree — there can be no manner of doubt that at present widely varying types of law schools actually exist. If in the effort to be fair to all elements the president of the Bar Association appoints to his committee representatives of several types of schools, it is exceedingly difficult for them to unite upon any constructive plan. If, on the other hand, the committee represents a single point of view, schools not represented upon it regard their interests as imperiled, and do their best to block its recommendations, either on the floor of the association or in a controlling executive committee. Furthermore, in general any committee report, presented by a schoolman, is apt to be viewed with suspicion by hard-headed practitioners, simply on this account, as presumably the product of theorists out of touch with practical realities; and rarely is adequate time provided during the sessions for discussion or sober consideration.

Thus in one way or another the tendency of the present organization of the legal profession — *the present systematic disorganization of the profession*, it might better be termed — is to keep things very much as they are. Under cover of this stagnation many worthless schools flourish. Not only are their ill-trained products enticed into a career for which they are not fitted, with resultant direct injury to their clients, to the community, and to themselves. In addition, these schools exert an unfortunate influence upon bar examiners, rendering these latter fearful of making their own standards what they term "impracticably high." The better law schools are at once deprived of the

valuable check that adequate bar examination tests, keyed to their own methods of instruction, would provide, and are tempted to meet competition from inferior schools by compromising their own ideals. Unless the powerful forces represented on the one hand in the American Bar Association and on the other hand in the Association of American Law Schools can in some way be induced to cooperate, on a platform broad enough to include the honest convictions of both, no great advance can be expected in the methods by which the coming generation of lawyers are to be trained and tested.

American Bar Association. The 41st annual meeting of this association, held August 28-30, 1918, was reported in our last report and the 42d annual meeting will be reported in our next report.

Association of American Law Schools. The meeting of this association was held at Chicago December 30-31, 1919, which will be reported in the next annual report.

New York State Bar Association. The 42d annual meeting of this association was held January 17-18, 1919, in New York City under the presidency of the Hon. Charles E. Hughes. The charter, constitution, by-laws, members, officers, committees and reports for 1918 appeared in the 42d volume of its reports. The report of special interest was that of the committee on legal education, which should be read in connection with the above quotation from the Carnegie Foundation's report. This committee expresses its opinion of the conditions as to the study of the law in the schools as "even more unsatisfactory than they were a year ago by the reason of the almost entire abandonment of law school work during the fall of 1918 through the organization of the student army training corps."

The committee obtained from other sources a very considerable amount of information as to the subject matter of the work for which it was organized. The information was obtained by a questionnaire sent to all the law schools in the country with an additional inquiry as to whether the action of the association in 1917 by conferring powers of classification on its council meets with the approval of the schools. The answers were classified and presented in a set of schedules indicating the views of the deans of the schools that replied. It is the proposal of the committee, if continued, to take further steps to ascertain the views of the bar as well as of the bench on these questions. As a sample of the questions propounded, the first must suffice:

Does your school favor the raising of the standard of admission to the requirement of a college degree or one or more years of college training? If less than a college degree, to what extent if any?

Four favored a college degree; one favored three years of college work; two favored two years; sixteen favored one year; while twenty-five opposed the raising of the standard beyond high school.

These signs of the times from the national and state viewpoints show conclusively that the requirements for admission to legal practice in New York State will advance steadily if not so rapidly as those of the other professions.

Summary. Detailed statistics concerning the various law schools for the year are given in exhibit A, table 3. In comparison with 1918 the law schools of the State show for 1919 the same number of institutions (9); 20 less officers of instruction (143); 489 less students (2189); and 166 less LL.B. degrees (361) conferred on the completion of the course.

Examinations. Through the courtesy of Franklin M. Danaher, secretary of the State Board of Law Examiners, the following statistical report is available:

Statistical report for 1919

<i>Examinations</i>	<i>No. examined</i>	<i>No. admitted</i>	<i>No. failed</i>	<i>Per cent of failure</i>
January	142	81	61	42
April	225	135	90	40
June	373	196	177	47
October	325	194	131	40
Totals	1065	606	459	43

In addition, 142 were admitted without examination because of military service.

Medicine

Dr William J. Denno, who had served for two years as secretary of the State Board of Medical Examiners, filed his resignation to become effective July 1, 1918. His resignation was presented because of an opportunity that came to him for a broader field of service. On July 22, 1918, the Regents accepted with keen regret the resignation of Doctor Denno and put on record its recognition and appreciation of his faithful service during his incumbency of the office.

Council on Medical Education. The 15th annual conference of the Council on Medical Education of the American Medical Association was held March 3, 1919. The report is published in volume 3.

no. 3, American Medical Association Bulletin. That the conditions of the war continued to exist is shown by the contents of the papers and the discussion thereon.

At a joint session with the Federation of State Medical Boards a discussion of hospital standards with special reference to medical educational work in hospitals was based on an address by Dr A. R. Warner, president of the American Hospital Association. The near future should see the practical development of the year of internship for which New York State has been in readiness a number of years. Contemplated amendments to the medical practice act may be looked for at an early date, including the elimination of requirements no longer operative and for annual registration as well as the legislation needed properly to relate medical schools and the hospitals of the State.

Association of American Medical Colleges. The 29th annual meeting of this association occurred in Chicago March 4, 1919. An interesting report was made by the committee on undergraduate and graduate degrees:

In regard to the introduction of the M.D. degree to designate the completion of the regular four-year course in medicine when the interne year is required for the M.D., there is considerable difference in opinion . . . those that favor it believe that a large number of men will engage in lines of medical endeavor other than practice such as expert laboratory work in hospitals, work in sanitary science and public health, teaching in the pre-clinical subjects or research in our great medical institutions. For such men a year of special training in a chosen subject would be of greater value than a year of interne service. Among those opposed to this degree are many that believe that it would be of no practical value because it would not permit the holder to obtain a license to practise. The committee, however, is of the opinion that this objection has little force since in only a few states does the law prescribe the M.D. degree as a prerequisite for license . . . the committee is not of one mind concerning the introduction of the M. B. degree. To some it seems to be a step in the right direction. The committee must find out, however, that the prevailing sentiment of the medical schools is against the introduction of the M.B. degree.

New York State, by reason of its long and conservative policy, seems committed to at least two degrees in medicine, the baccalaureate and the doctorate. The statute has for years made provision for the recognition of "the degree of bachelor or doctor of medicine." The State's proximity to the Dominion of Canada and its very wide experience in the equation of credentials from other countries has led to this position and established the fact that there is no apparent possibility of its abandonment. The steady advance-

ment of preliminary qualifications for admission to medical school, the persistent, progressive requirements imposed on the medical schools, the long-continued effort to relate justly the examinations and the degrees give assurance that New York State will coordinate its medical degrees with the degrees of its other higher institutions in a uniform system.

American Academy of Medicine. The Journal of the Academy for February 1919 announces the preparation of the program for June 9-10, 1919, and publishes an interesting abstract of a paper entitled "Application of the Principles of Advanced Psychiatry" by Dr J Allen Jackson with discussions thereon.

The great task now before psychiatry therefore is to diffuse a better knowledge of mental disease among the general profession.

By our defective hygienic organizations we produce a large number of tuberculosis and insanity cases. Having produced them we save a few in a half-hearted fashion and then allow them to lapse.

New York State, by chapter 633 of the Laws of 1919 in relation to mental defectives, constituting chapter 71 of the Consolidated Laws, legally recognized the psychologist in the following terms (art. IV, section 25 "Qualified examiners"):

A certificate of mental defective must show that such person is mentally defective and may be made by two reputable physicians . . . or by one such physician and one psychologist who shall have had two full years of postgraduate study in psychology at an incorporated university or college and three years of actual clinical experience.

Medical Society of the State of New York. The 113th annual meeting of the State Medical Society was held in Syracuse May 6, 1919. A quotation from the president's address looking to the future is all that can be reported from this meeting:

Even the best of the medical colleges with university affiliation in the United States are only partly university in their conduct, being managed partly on the system that prevailed when these schools were proprietary and owned by the faculty that taught in them. The first half of a medical student's course is spent in the so-called scientific branches, anatomy, physiology, chemistry, bacteriology, pathology, laboratory subjects taught by full-time professional teachers, trained pedagogs, men who are specialists in their line, devoting their whole time to the work, engaging in no outside pursuits or private practice. The work and the result are satisfactory alike to the students, the teachers and the subjects taught, limitation only being on the amount of money put into the equipment and the number and quality of the teachers. It is in these subjects and by these men that the marvelous advances in scientific medicine have occurred, and it is to them most largely that the huge saving in life in the present war, is more or less directly due.

It is in the latter half of the medical course that failure in medical teaching is most apparent. This is because of the system of volunteers and unsalaried teaching in the clinical subjects by men actively engaged in practice, and selected not always with regard to their peculiar fitness and qualification for the chair. The service being voluntary and unremunerative, compensation is in the nature of prestige and paid for in advance at the time the appointment is made. A successful medical practitioner is a busy man, and if he holds a clinical teaching position in a medical college, has necessarily much time-consuming hospital or dispensary work to do, much time is demanded in attendance on faculty, hospital, dispensary and committee meetings of one kind or another, with the result that he is driven and overworked. Being human, he is likely to forget his duty to the student, too often neglecting his college work for the seemingly more pressing demands of private practice, upon which he and his family depend for a living.

State Board of Medical Examiners. Owing to the vacancy previously referred to the annual report of the State Board of Medical Examiners can not be made this year.

Inspections. Owing to the same reason the customary yearly inspection of the medical schools of the State was not made.

Summary. The distribution of the medical students among the several higher institutions of New York State in 1919 was as follows: Columbia University, College of Physicians and Surgeons, 485; Cornell University Medical College, 227; Fordham University School of Medicine, 243; Long Island College Hospital, 370; New York Post-Graduate Medical School and Hospital, 894; New York University, University and Bellevue Hospital Medical College, 569; Syracuse University, College of Medicine, 167; Union University, Albany Medical College, 112; University of Buffalo, medical department, 183.

The number of students, instructors and other information concerning the various medical schools are given in exhibit A, table 3. In comparison with 1918 the medical schools of the State for 1919 show the same number of registered institutions (10); 176 less officers of instruction (1404); and 655 less students (3250). The number of degrees conferred was 27 less than in 1918 (433).

Examinations. Medical licensing examinations were held September 24-27, 1918; January 28-31, 1919; May 20-23; June 24-27. As the result of examinations, 560 medical and 2 osteopathic licenses were issued. For purposes of comparison the results of medical licensing examinations in the New York schools for two years are given, namely the year ending July 31, 1918 and the year ending July 31, 1919, in Albany, Buffalo, New York and Syracuse.

RESULTS OF MEDICAL LICENSING EXAMINATIONS
 .New York schools for year ending July 31, 1918

NAME	CANDI- DATES	NUMBER REJECTED		PER CENT AC- CEPTED
		Grad. prior to 1918	Grad. in 1918	
Albany Medical College.....	23	2	0	91.3
College of Physicians and Surgeons.....	99	1	4	94.9
Cornell University, medical department.....	23	0	0	100
Fordham University Medical College.....	68	7	4	83.8
Long Island College Hospital.....	46	0	2	95.6
New York Eclectic Medical College.....	2	2	0	0
New York Homeopathic Medical College and Flower Hospital.....	50	11	8	62
New York Medical College and Hospital for Women.....	7	1	0	85.7
Syracuse University, medical department.....	27	1	0	96.2
University and Bellevue Hospital Medical College	73	1	3	94.5
University of Buffalo, medical department.....	41	4	3	82.9

New York schools for year ending July 31, 1919

NAME	GRADU- ATES	NUMBER REJECTED		PER CENT AC- CEPTED
		Grad. prior to 1919	Grad. in 1919	
Albany Medical College.....	17	2	0	88.2
College of Physicians and Surgeons.....	125	1	4	96
Cornell University, medical department.....	28	1	1	92.8
Fordham University Medical College.....	75	5	2	90.6
Long Island College Hospital.....	57	1	4	91.2
New York Homeopathic Medical College and Flower Hospital.....	63	17	1	71.4
New York Medical College and Hospital for Women.....	3	1	0	66.6
Syracuse University, medical department.....	22	0	0	100
University and Bellevue Hospital Medical College	90	1	2	96.6
University of Buffalo, medical department.....	45	0	0	100

New York schools 1891-1919

NAME	GRADU- ATES	NUMBER RE- JECTED	HONOR	PER CENT AC- CEPTED
Albany Medical College.....	1 166	179	.....	84.6
College of Physicians and Surgeons.....	2 761	142	.....	94.8
Cornell University, medical department.....	910	15	.....	98.3
Fordham University Medical College.....	367	67	.....	81.7
Long Island College Hospital.....	1 727	187	.....	89.1
New York Homeopathic Medical College and Flower Hospital.....	834	164	.....	80.3
New York Medical College and Hospital for Women.....	187	32	.....	82.8
Syracuse University, medical department.....	626	36	.....	94.2
University and Bellevue Hospital Medical College.....	2 165	70	.....	96.7
University of Buffalo, medical department.....	1 315	122	.....	90.7

¹ These figures include candidates from Niagara University, medical department, now extinct.

RESULTS OF PARTIAL EXAMINATIONS

New York schools for year ending July 31, 1919

NAME	CANDI- DATES	NUMBER REJECTED	PER CENT ACCEPTED
Albany Medical College.....	22	1	95.4
College of Physicians and Surgeons.....	39	2	94.8
Cornell University, medical department.....	18	2	88.8
Fordham University Medical College.....	65	7	89.2
Long Island College Hospital.....	127	16	87.4
New York Homeopathic Medical College and Flower Hospital	32	0	100
New York Medical College and Hospital for Women.....	3	2	33.3
Syracuse University, medical department.....	28	1	96.4
University and Bellevue Hospital Medical College.....	26	3	88.4
University of Buffalo, medical department.....	75	20	73.3

MEDICAL EXAMINATIONS

Rejection by topics

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Anatomy.....	36	47	75	133	180	129	146	119	116	116	89
Physiology.....	66	64	86	69	92	137	101	97	92	98	133
Chemistry.....	90	79	81	100	168	107	53	89	124	122	139
Hygiene and sanitation.....	18	109	59	75	132	99	86	53	55	26	21
Surgery.....	32	82	51	36	44	44	32	41	45	18	9
Obstetrics and gynecology.....	30	29	13	10	22	21	8	10	14	4	7
Pathology and bacteriology.....	32	36	52	85	116	55	72	78	55	47	49
Diagnosis.....	24	21	28	33	48	47	19	17	20	23	15
Total.....	328	467	445	541	802	639	517	504	521	447	462

COMPARISON OF MEDICAL SCHOOLS IN NEW YORK AND OTHER STATES
AND COUNTRIES

This table shows for 1919 the rejections by topics, exclusive of candidates who took only the first half of the divided examinations. Each applicant is counted only once in the number of candidates, but under the several topics each failure is indicated, excluding any answer papers not examined.

Of the papers submitted by 503 graduates of New York schools 157 were rejected, while 128 of those submitted by 95 graduates of schools in other states, and 55 of those submitted by 22 graduates of schools in foreign countries, were rejected. In addition to these candidates from schools in which there was at least one failure, 22 graduates of 1 New York school and 18 graduates of 12 schools in other states and countries were examined.

Rejections in New York schools

INSTITUTION	Graduates	Anatomy	Physiology	Chemistry	Hygiene and sanitation	Surgery	Obstetrics and gynecology	Pathology and bacteriology	Diagnosis	Total
Albany Medical College.....	17	0	0	2	0	0	0	1	0	3
College of Physicians and Surgeons.....	125	3	9	7	4	1	0	1	0	25
Cornell University Medical College.....	28	2	2	1	1	0	0	0	0	6
Fordham University Medical College.....	75	2	4	6	0	0	0	3	0	15
Long Island College Hospital.....	57	1	1	1	1	0	0	3	0	7
New York Homeopathic Medical College and Flower Hospital.....	63	16	19	19	4	13	1	12	5	79
New York Medical College and Hospital for Women.....	3	1	1	0	0	0	0	0	0	2
University and Bellevue Hospital Medical College.....	90	3	6	9	1	0	0	0	0	19
University of Buffalo, medical department..	45	1	0	0	0	0	0	0	0	1
Total.....	503	29	42	45	11	1	1	20	5	157

Rejections from schools in other states

INSTITUTION	Graduates	Anatomy	Physiology	Chemistry	Hygiene and sanitation	Surgery	Obstetrics and gynecology	Pathology and bacteriology	Diagnosis	Total
Georgetown University, D. C.....	1	0	0	2	0	0	0	0	0	2
Howard University, Washington, D. C.....	2	3	2	2	0	0	0	2	2	11
Chicago Coll. of Medicine and Surgery.....	1	1	1	1	0	0	0	1	1	5
College of Physicians and Surgeons, Chicago..	1	1	1	1	0	0	0	1	0	4
Rush Medical College, Chicago.....	2	0	0	0	0	0	0	1	0	1
Kansas Medical College, Topeka.....	1	0	1	1	0	0	0	0	0	2
University of Louisville, Ky.....	2	2	2	2	1	1	0	1	1	10
College of Physicians and Surgeons, Baltimore, Md.....	2	1	1	1	0	0	0	0	0	3
University of Maryland, Baltimore.....	4	0	3	1	0	0	0	0	0	4
Harvard Univ. Medical School, Boston.....	13	1	2	5	0	0	0	2	0	10
Tufts College Medical School.....	13	0	4	6	1	0	0	2	0	13
Univ. of Michigan, Ann Arbor.....	5	1	0	1	0	0	0	1	0	3
Eclectic Medical Coll., Cincinnati, Ohio.....	1	0	0	1	0	0	0	0	0	1
University of Oklahoma.....	1	0	0	1	0	0	0	0	0	2
Jefferson Medical Coll. of Phila., Pa.....	8	1	3	3	0	0	1	2	0	10
Medico-Chirurgical Coll., Phila., Pa.....	2	1	1	1	1	0	0	1	0	5
Philadelphia Coll. of Osteopathy.....	3	0	1	0	0	0	0	0	0	1
University of Pennsylvania, Phila.....	13	2	3	2	0	0	0	1	0	8
University of Pittsburgh, Pa.....	1	0	1	0	0	0	0	0	0	1
Woman's Medical College of Pennsylvania...	3	1	0	0	0	0	0	0	0	1
South Carolina Med. College, Charleston...	1	1	0	0	0	0	0	0	0	1
Vanderbilt Univ., Tennessee.....	3	0	1	2	0	1	0	1	0	5
University of Vermont, Burlington.....	8	2	2	6	1	0	1	3	1	16
Medical College of Virginia, Richmond.....	4	2	5	2	0	0	0	0	0	9
Total.....	95	20	34	41	4	2	2	20	5	128

Rejections from schools in foreign countries

INSTITUTION	Graduates	Anatomy	Physiology	Chemistry	Hygiene and sanitation	Surgery	Obstetrics and gynecology	Pathology and bacteriology	Diagnosis	Total
McGill Univ. Faculty of Med., Montreal....	4	1	1	2	0	0	0	1	0	5
Queen's Univ. Faculty of Med., Kingston...	2	0	1	5	1	0	0	0	0	8
Toronto Medical College.....	5	0	1	0	0	0	0	0	0	6
University of Bologna, Italy.....	1	0	1	0	0	0	0	0	0	2
University of Naples, Italy.....	3	2	2	2	2	1	2	2	3	17
University of Bern, Switzerland.....	1	2	2	1	0	0	2	2	2	15
French Faculty of Med., Beirut, Syria.....	1	1	1	0	0	0	0	0	0	4
Syrian Protestant College.....	1	0	0	0	1	0	0	0	0	2
Total.....	22	6	9	13	6	3	4	9	5	55

Chiropody

The Academy of Podiatry was founded by the progressive element in the profession for the purpose of furthering and elevating the standards of podiatry. "The foundation for the existence of the academy was laid at the time when the legislative and educational authorities of the State of New York legally recognized podiatry as properly belonging to the practice of medicine, and accordingly made the practice of chiropody a branch thereof."

The New York State requirements of a general preliminary education for admission to a school of chiropody were advanced September 1, 1917, to the completion of an approved two-year high school course or the equivalent; on and after September 1, 1919, three years; and on and after September 1, 1921, four years.

National Association of Chiropodists. The 7th annual convention of this association met in St Louis, Mo., August 5-8, 1918. The committee on schools and colleges had several sessions and the president in his address states:

This convention will see the beginning of a movement which will undoubtedly prove a great force for good in the matter of chiropody education. A conference has been called of representatives of the chiropody schools and the state boards having to do with the registration of chiropodists. It is the intent of this meeting to formulate plans for the standardization of chiropody educational matters and the administration of the chiropody laws. The full realization of such a plan will make the graduates of all schools where the profession is taught eligible to examination to practise in all states as the requirements for admission to, and the courses in the chiropody schools will be uniform in character and application.

Pedic Society of New York State. The annual meeting of this association was held January 13, 1919, in New York City. The

Assistant Commissioner for Higher Education "admonished the chiroprodists to support their school and to see that not only the standards set by the Regents are upheld but to work hard to have the requirements raised. Then when four years of high school and two years at a school of chiropody are demanded of candidates, some one of the universities of the State will take the First Institute of Podiatry under its wing, and podiatry will become a recognized branch of medicine, with its future assured."

Summary. Detailed statistics concerning the School of Podiatry for the year are given in table 3 of exhibit A. In comparison with 1918 the State shows the same number of schools (1); 1 more officer of instruction (86); 33 less students (59); 13 less degrees (32).

Examinations. Four examinations were held during the year and the number of candidates were, September, 14; January, 6; May, 11; June, 22; total, 53. Forty-seven of the 53 passed the examination and 6 were rejected; per cent rejected, 11.3. There were no honors conferred on examination.

RESULTS OF CHIROPODY LICENSING EXAMINATION, 1918-1919

By topics

	TOTAL PAPERS EXAMINED	REJECTED
Anatomy and physiology	50	3
Chemistry	52	3
Surgery	50	0
Therapeutics	51	1
Total papers passed..... 196	203	7

RESULTS OF CHIROPODY LICENSING EXAMINATIONS FOR THE YEARS 1913-1919

Rejections by topics

	1913	1914	1915	1916	1917	1918	1919
Anatomy and physiology.....	0	2	0	0	3	5	3
Chemistry	1	2	0	1	3	8	3
Minor surgery and bandaging.....	0	0	0	0	1	0	0
Therapeutics	0	0	0	0	1	4	1
Total	1	4	0	1	8	17	7

Dentistry

National Dental Association. The meeting of August 1918 was reported last year.

Dental Faculties Association of American Universities. There seems to have been no printed report of the action of this association for the year under review.

National Association of Dental Faculties. The 35th annual meeting of this association was reported last year.

National Association of Dental Examiners. The 36th annual meeting of this association was held August 5-6, 1918, at Chicago, Ill. Under the caption of "The Classification of Dental Schools" the president stated his belief in the principle that has prevailed in New York State for many years, though not under the obnoxious form of class legislation. "This idea of classifying schools into three groups will have the very desired effect of stimulating the schools that find themselves in class B or class C to so improve their equipment, faculty, general administrative policy and curriculum that they may be advanced to the next higher class."

New York State more than a decade ago abandoned the grading of schools by classes in favor of their recognition in groups by registering those that definitely met minimum requirements, while accrediting those that fell below the minimum and leaving to the schools the determination of the maximum. The classification of the dental schools of the country in three classes by this association is too lengthy for reporting in this place but it may be found in the proceedings of the 36th annual meeting.

American Institute of Dental Teachers. The 26th annual meeting of this institute was held at Atlanta, Ga., January 28-30, 1919. The proceedings of this association are fruitful in suggestions of improvements. In connection with the report of the committee on standardization of instruments for dental schools there are four illustrated lists, namely, (1) operative instruments, (2) prosthetic-rubber work, (3) prosthetic-metal work, (4) crown and bridge; with a fifth list of forceps which is not illustrated.

Dental Educational council of America. Under date of August 5, 1918, the secretary of this council submitted its report to the National Dental Association. The report was a summary of the work actually accomplished and included the minimum requirements for class A dental schools adopted by the council July 24, 1918. It sets forth the course of study beginning with the session of 1917-18; the teaching facilities; laboratories and other facilities; state board record; attendance; promotion; with passing mark, conditions and failures. It sets forth also the requirements for the transfer of dental students and classifies the dental schools in three groups, class A, class B and class C.

Dental Society of the State of New York. The 51st meeting of this society was held at Syracuse in June 1919. The important educational feature reported was that of oral hygiene in public instruction throughout the State by Dr W. A. Leake, the recently appointed inspector of hygiene in the schools of the State.

State Board. A special meeting of the State Board of Dental Examiners was held at Syracuse, June 12, 1919. The meeting was called to order by the President, Dr A. M. Wright. Those present were: Doctors Cooke, Gross, Bennett, Burkhart, West, Evans, Walker and Wright, and Assistant Commissioner Downing.

Matters relative to including removable bridge work in the examination in practical prosthetic were discussed. It was decided to bring this up for final determination at the annual meeting.

Dr H. C. Bennett tendered his resignation as a member of the board. Upon motion, his resignation was accepted, to become effective July 31st. Doctor Downing, on behalf of the Department, expressed his regret upon the retirement of Doctor Bennett as a member of the board and also expressed his appreciation of the work done by him while serving as a member.

The board adopted the following resolution:

The members of the Board of Dental Examiners have learned with much regret of the resignation of Dr H. C. Bennett as a member of this board, he having changed his residence from the ninth to the first district. Doctor Bennett has during the years of association with the members demonstrated to them by his energy, enthusiasm and hard work that he was willing to sacrifice his comfort for the purpose of performing the duties of his office, to uphold the high standard which the members of this board have endeavored to maintain. He has been conscientious and upright in the discharge of his duties, in the performance of which he has displayed ability of an unusual character. His pleasant personality has made him a delightful associate and every member is sorry that circumstances make it necessary to sever official relations. The committee recommends that this expression of regard for Doctor Bennett shall be entered in the minutes and a copy sent to him and to the Board of Regents.

After considerable discussion it was decided that the examination in practical operative should be between the hours of 9 and 12 a. m., the examination to be completed by 12 m.

Summary. Detailed statistics concerning the various dental schools are given in exhibit A, table 3. In comparison with 1918 the dental schools of the State show the same number of institutions (3); 17 more officers of instruction (205); 358 less students (1268); 130 more degrees conferred (531).

Examinations. Dental licensing examinations were held September 24-28, 1918; January 28-31, 1919; June 24-28, 1919, in Albany, Buffalo, New York and Syracuse.

Results of dental licensing examinations 1910-1919

	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Examinations.....	4	3	3	3	3	3	3	3	4	4
Examined.....	204	242	235	342	420	566	663	872	976	1 149
Rejected.....	67	43	62	119	133	195	199	200	275	311
Per cent rejected.....	32.8	17.7	26.3	34.7	31.6	34.4	30.01	22.9	28.1	27.06
Licenses issued.....	137	199	173	223	287	371	464	619	467	677
Honor licenses issued..	4	28	7	0	3	2	1	*0	*0	*0

* Honor licenses no longer issued.

Rejection by topics

	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Anatomy.....	5	0	0	1	2	5	2	11	20	17
Physiology and hygiene.....	22	11	8	15	15	81	45	26	117	123
Chemistry and metallurgy.....	47	28	31	41	24	69	63	43	107	70
Oral surgery and pathology.....	6	0	0	2	1	15	21	46	57	30
Operative dentistry.....	1	6	8	5	14	4	13	25	17	18
Prosthetic dentistry.....	4	5	0	6	2	8	0	5	18	1
Therapeutics and materia medica.....	24	0	1	42	60	43	23	57	5	23
Histology.....	4	0	4	18	20	36	11	21	14	6

COMPARISON OF DENTAL SCHOOLS

The dental schools of New York State compare favorably with those of other states as shown by the licensing examinations. The table shows for 1919 the rejections by topics exclusive of those candidates who took only the first half of the divided examination: group 1, New York schools; group 2, schools of other states. Each applicant is counted only once in the number of candidates, but under the several topics each failure is indicated, excluding any answer papers not examined. Of the papers submitted by 666 graduates of New York schools, 212 were rejected, while 177 written by 192 graduates of schools in other states were rejected. In addition to these, 2 candidates had filed evidence of study under private preceptor before August 1, 1895, 12 of whose papers were rejected and 1 candidate was a graduate of a school against which no failure was charged in 1919.

Rejections from New York schools

INSTITUTION	Graduates	Anatomy	Physiology and hygiene	Chemistry and metallurgy	Histology	Operative dentistry	Prosthetic dentistry	Therapeutics and materia medica	Oral surgery and pathology	Total written	PRACTICAL			Total failures
											Operative	Prosthetic	Total	
College of Dental and Oral Surgery.	254	0	41	5	1	8	1	0	6	62	4	2	6	68
New York College of Dentistry....	276	3	23	0	7	3	0	0	51	40	3	3	43	94
University of Buffalo.....	136	2	13	11	3	0	0	0	13	48	1	1	2	50
Total.....	666	5	77	22	11	11	1	8	26	161	45	6	51	212

Rejections from schools in other states

INSTITUTION	Graduates	Anatomy	Physiology and hygiene	Chemistry and metallurgy	Histology	Operative dentistry	Prosthetic dentistry	Therapeutics and materia medica	Oral surgery and pathology	Total written	PRACTICAL			Total failures
											Operative	Prosthetic	Total	
Chicago College of Dental Surgery.	3	1								8	2	0	2	10
Tulane University School of Dentistry, New Orleans, La.....	1	0	0	1	1	0	0	0	0	2	0	0	0	2
Baltimore College of Dental Surgery	13	0	1	3	0	0	0	0	0	6	1	1	2	8
University of Maryland.....	24	3	0	14	0	0	0	5	7	45	4	0	4	49
Harvard University.....	5	0	1	1	0	0	0	0	0	2	0	0	0	2
Tufts College Dental School.....	6	1	3	6	2	0	0	0	0	12	0	0	0	12
University of Michigan.....	14	0	1	0	0	0	0	0	2	3	0	0	0	3
St Louis University.....	1	0	0	0	1	0	0	0	0	1	0	0	0	1
Ohio College of Dental Surgery.....	1	1	1	0	0	0	0	0	0	2	1	0	1	3
Pennsylvania College of Dental Surgery.....	2	0	0	0	1	1	0	1	1	4	0	0	0	4
Philadelphia Dental College.....	4	1	1	4	1	1	0	0	1	9	1	0	1	10
University of Pennsylvania.....	112	2	0	10	2	1	0	8	17	49	20	1	21	70
University of Pittsburgh.....	3	0	1	0	0	1	0	0	0	2	0	0	0	2
University of Tennessee.....	2	0	0	0	0	0	0	0	1	1	0	0	0	1
Total.....	192	10	27	40	18	6	0	14	31	146	29	2	31	177
Exemption laws.....	1	2	2	5	1	0	0	0	1	11	1	0	1	12

Dental hygienists. The two schools of dental hygienists reported for the first time this year (see exhibit A, table 3).

Examinations. Licensing examinations for dental hygienists were held September 24-25, 1918, in New York and January 28-29, 1919, in New York and Rochester.

The registered dental hygienists of the year appear in the closing pages of the list of registered dentists already referred to.

Thirty-nine candidates were examined, 38 of whom passed for a certificate.

The results of examination are as follows:

	<i>Total papers</i>	
	<i>Examined</i>	<i>Rejected</i>
Anatomy and physiology.....	38	1
Nutrition and preventive dentistry.....	34	1
Materia medica and hygiene	36	0
Pathology and bacteriology.....	34	1
	<hr/>	<hr/>
	142	3

Pharmacy

Reference was made in the last annual report to the meetings of the American Pharmaceutical Association and the National Association of Boards of Pharmacy held August 12-13, 1918, and the report of the State's delegate to the Board of Pharmacy.

Report of Dr G. C. Diekman. Of the three great national pharmaceutical bodies, which meet annually, the National Association of Boards of Pharmacy was the first to begin operations. It convened on August 12th in the Congress Hall Hotel, Chicago, Ill., President W. P. Porterfield, of Fargo, N. D., in the chair. (Twenty-three states were represented.)

The address of the president reviewed the work of the association during the past year, and dealt largely with the problems confronting pharmacy and the pharmacist at this time. He strongly opposed any lowering of standards, saying, "Personally, I want to declare emphatically against a lowering of the standard for requirement for registered pharmacist, in any way. Some other relief must be found. Furthermore, there is no proof that such a lowering of standards would relieve the situation." A number of recommendations were embodied in the report, among them the following:

1 That steps be taken to establish a minimum standard for college of pharmacy courses, upon which to base application for admission to the licensing examination for pharmacist.

2 That efforts be made, in all states where not already provided, to establish two classes of pharmacists, namely, registered pharmacist and assistant registered pharmacist.

3 That this association extend the full high school requirement to become effective January 1, 1923.

4 That this association go on record as requiring that all boards of pharmacy holding membership in the association should require that not later than January 1, 1920, candidates for examination for registered pharmacist must have had at least two years of satisfactorily completed high school work.

The committee which subsequently reported on these recommendations approved of the first three, and left the last one undetermined. Its report was accepted.

The secretary reported that without doubt the preceding year had been the most satisfactory one in the history of the N. A. B. P. Not only has the work of the association been carried on very successfully, but what is still more gratifying and important, a well-equipped modern office has been established in the business section of Chicago. During the past year 561 applications for reciprocity have been received, of which 409 have to date been fully consummated. Secretary Christensen also reported that no complaint concerning the advance of the reciprocity fee from \$5 to \$15 had been received by his office.

The report of the treasurer showed that the finances of the association were in good condition, and that a substantial amount was now on hand. This will permit the publication of the 1917 and 1918 report of proceedings in the near future. The association also purchased Liberty Bonds amounting to \$1000 during the year.

John Culley, of Ogden, Utah, chairman of the executive committee, reported for that committee. Included in the report were a number of recommendations, chief among them the following:

- 1, That the state fee for membership be reduced from \$35 to \$25.
- 2 That all state boards turn a deaf ear to agitation for less rigorous requirements in the matter of licensing and refrain from lowering standards.
- 3 That the association issue certificates of membership to all active members.

These recommendations were referred to a committee, and at a later session adopted.

Chairman Christensen of the advisory examination committee presented a lengthy report which reviewed the activities of the committee during the past year. Among other things he stated that the trend of scientific pharmacy is so apparent that the urgent need for a three years' course in our schools of pharmacy, based on a four years' high school requirement, can not be questioned. He likewise referred to the matter of examination questions given by the various boards, saying that the caliber of such questions had much improved, but that here and there a tendency to ask so-called "catch" questions was still manifest. He calls attention to the absolute necessity to confining questions to such topics as are important in bringing out the knowledge of a candidate along lines tending to show his safety to dispense drugs and medicines.

A letter which President Kraemer of the American Conference of Pharmaceutical Faculties had sent to President Porterfield, deal-

ing with the matter of separating pharmacists into two grade (namely, pharmacists—the class equipped to make U. S. P. and N. F. preparations and who fill a reasonable number of physicians' prescriptions annually, say about 4000, as a minimum; druggists—those who, while nominally pharmacists, yet avowedly do almost entirely a merchandising business) was read, and created, as might be supposed, a lengthy and at times acrimonious discussion. It was finally voted to lay the matter upon the table.

A very comprehensive report on the Edmonds bill activities of the association was presented by Chairman Meredith of the committee.

The writer was allowed the courtesy of addressing the meeting on occasion of the first session in reference to the new law creating the grade of junior pharmacist in New York State. The provisions of this law met with practically unanimous approval, Secretary Christensen pronouncing it the best piece of constructive pharmaceutical legislation enacted in some time.

Resolutions concerning the demise of Alfred B. Huested of the New York Board, were adopted.

Both delegates representing this board were present at the meetings, as were also President Reh fuss, Doctor Gregory and Doctor Diner. The meeting of the N. A. B. P. was the most successful one held in recent years, despite war conditions.

Much interest was displayed by the members present, and a good attendance of the board members was noted on occasion of the joint meetings of the boards and faculties.

American Conference of Pharmaceutical Faculties. The proceedings of the 19th annual meeting of this conference appear in a report of 161 pages. The item of special interest in this report is found in connection with the report of the syllabus committee, inasmuch as New York's pharmaceutical syllabus is identified with the national. The committee reports a decision to proceed on the preparation of the third edition of the syllabus to become effective in 1920; that substantial progress had been made on the work; that subcommittees had about completed the revision of their several sections; and that it had been decided to prepare a tentative outline for an additional year of work leading to the degree of pharmaceutical chemist. A gratifying report was made that the total indebtedness incurred for the second edition of the syllabus had been met, and that there was a balance in the treasury which it was hoped would accumulate sufficiently so that no long-continued debts need be incurred when the third edition is issued.

New York State Pharmaceutical Association. The 41st annual meeting of this association was held at Saratoga Springs June 24-27, 1919. The report of the secretary of the State Board of Pharmacy dated June 24, 1919, was read by the secretary, received and made a part of the minutes.

Summaries. Detailed statistics concerning the various pharmacy schools of the year are given in exhibit A, table 3. In comparison with 1918 the pharmacy schools of the State show for 1919 the same number of institutions (5); 3 less officers of instruction (89); 301 less students (1043); 40 less degrees (268) conferred on graduation.

Examinations. Pharmacy licensing examinations were held September 25-26, 1918; January 29-30, 1919; May 21-22; June 26-27 in Albany, Buffalo, New York and Syracuse.

Results of pharmacy licensing examinations, September 1918-June 1919. Examinations, 4; examined, *765; rejected, *308; per cent rejected, *40.2; licenses issued, *457.

Rejections by topics¹

Materia medica and botany.....	132
Toxicology and posology.....	100
Pharmaceutical chemistry	110
Theoretical pharmacy	72
Practical examination	51
Commercial pharmacy, pharmaceutical jurisprudence and pharmaceutical Latin	80

Results of druggist licensing examinations, September 1918-June 1919. Examinations, 4; examined, 76; rejected, 18; per cent rejected, 23.6; licenses issued, 58.

Rejections by topics¹

Materia medica and botany.....	21
Toxicology and posology.....	17
Pharmaceutical chemistry	28
Theoretical pharmacy	11
Practical examination	0

* These figures include 287 candidates who took the junior licensing examination, 171 of whom passed.

¹ Includes all papers rated below 75 per cent.

Optometry

The American Optometric Association was practically reorganized during the year. A new constitution and by-laws were adopted which are assumed to be distinctly helpful to the organization.

A regional plan of control over the organization is provided by the new constitution.

American Optical Association. The 22d annual convention of this association was held July 20-25, 1919. On optometry school day, two interesting addresses were given on the topics, "Present Day Needs in Optometry Education" and "Optometry, Its Real Meaning, Its Limitations and How Properly to Teach It."

Representatives of the state boards of optometry examiners addressed the convention on the need of uniform educational requirements and the relation that should exist between optometry schools, state boards of examiners, and the practitioners. W. W. Bissell of the New York Board laid stress upon the statement that the efforts of the board are put forth to the end that conditions affecting optometrists may be better:

As a rule the members of such boards are either active or former practitioners and they can be depended upon as such to do what is right for optometrists and optometry in general. While members of state boards have been misunderstood to a great extent in the past, it is believed that with the progress that has been made in optometry the practitioner is beginning to realize that the examiner is with him and is working for his best interests at all times.

The Assistant Commissioner for Higher Education, speaking of the humanitarian work of members of the company in establishing in Rochester a dental dispensary for dental science, expressed the hope that in time an optical dispensary will be established with corresponding benefits in view.

A resolution placed the association on record as favoring optical reciprocity between states as soon as it can be accomplished.

American Organization of State Boards of Examiners. No record of a meeting of this association has been found at the date this report goes to press.

State Optical Society, Inc. The annual convention of this society was held July 19, 1919, in Utica, N. Y. This meeting was held at a day convenient for attendance on the meeting of the American Association at Rochester.

The president reported conferences with the State Department regarding the professional school qualifications necessary to lead to

the doctor's degree and he suggested that "this convention should send a strong appeal for the immediate appointment of an inspector." The convention approved methods for a more rigid enforcement of the law and indorsed the president's suggestion for establishing a doctorate degree.

State Board of Examiners in Optometry. The 11th annual meeting was held October 17, 1918. There were present W. W. Bissell, Rochester; H. C. Watts, Syracuse; G. R. Fox, Buffalo; Dr. F. A. Woll, New York and F. G. W. Coates, Brooklyn.

Examinations were held in September 1918, February 1919, and June 1919. Three full sets of examination papers were prepared in each subject.

	<i>New candidates</i>	<i>One subject previously failed in</i>
September 1918	6	4
February 1919	8	2
June 1919	45	6
Total	59	12

Attained required standing:

September 1918	3	2
February 1919	1	0
June 1919	22	6
Total	26	8

Applications for certificates of exemption previously refused or made under amendment to the optometry law were reviewed and those of Alice Sherman, Plattsburg, and Charles A. Bartle, Plattsburg, were recommended. Those of the following were denied: Mrs. Gussie Kaplan, Brooklyn; Joseph N. Barker, New York; Morris Cohn, New York; Moses Kann, New York; Arthur J. Gernony, Buffalo; John E. Golding, Freeport; Joseph Halpert, New York; George F. Schlager, Buffalo; Noah Poul, New York; F. J. Curlin, Newark, N. J.; Henry G. Langenhop, Long Island; J. J. O'Neill, New York; Louis Druskin, New York. The application of Charles J. Bernhardt, New York, is pending. Failure to recommend was due in most cases to insufficient evidence. No charges were preferred or heard since the last meeting.

Summary. Detailed statistics concerning the schools of optometry for the year are given in exhibit A, table 3. In comparison with 1918 the optometry schools of the State show the same number of institutions (2); 6 less officers of instruction (15); 1 more student (66); 9 less graduates (13).

Examinations. Examinations were held September 24-26, 1918; January 28-30; June 24-26, 1919. There were three examinations with 69 examined, 33, or 47.8 per cent, rejected.

Rejections

SUBJECTS	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Physiologic optics.....	0	5	1	0	0	0	0	0	0	1	1
Practical optics.....	1	6	3	2	3	6	2	0	3	8	5
Theoretic optometry.....	1	3	0	2	3	4	8	5	2	15	11
Practical optometry.....	7	5	1	0	0	3	4	0	10	2	11
Anatomy and physiology of the eye.....	0	3	0	0	0	2	0	2	5	0	11
Theoretic optics.....	4	5	5	11	9	11	10	8	31	22	25
Total.....	9	27	10	15	15	26	24	15	51	48	64

a]No examination in theoretic optics in 1909.

Veterinary Medicine

The names of the registered veterinarians of the State and their addresses are published in handbook form as soon after the opening of the calendar year as the reports warrant. As registration is an annual duty, changes are continually occurring and the latest list should be consulted.

American Veterinary Medical Association. The 55th annual meeting of this association held August 19-23, 1918, was reported in the last annual report.

State Veterinary Medical Society. The proceedings of the 28th annual meeting of this society were reported last year.

State Conference for Veterinarians. No report of this meeting is available as this report goes to press.

State Board of Veterinary Examiners. A meeting of this board was held in the Education Building, March 24, 1919. Those present were: Dr Otto Faust, Dr Ralph Knight, Dr R. W. Gannett, Dr George A. Knapp and Dr H. S. Beebe.

The following applications for certificates of fact were considered:

John S. Selbert, Buffalo; certificate granted.

Irving Meyer, Euclid; certificate granted.

Elisha B. Hayward, Versailles; certificate granted, subject to findings of investigator, who in each case is a member of the board. (Rejected at next meeting.)

James H. Prutsman, Troupsburg; granted certificate subject to findings of investigator.

Robert J. Brown, Jamestown; certificate granted, subject to findings of investigator.

Wallace W. Gill; application for license denied.

Moved and carried that the alleged illegal practice of the following men be investigated by some member of the board designated by Doctor Downing: Kirk (or Curtis) Bronson, Boonville; Marion Bailey, Turin.

Moved and carried that the following cases of alleged illegal practice be investigated by Doctor Beebe: J. B. Houghton, Northville; William Griffith, Mayfield; Eleazer Van Alstyne, Johnstown; Spencer Perkins, Broadalbin.

Moved and carried that the alleged false affidavits of Charles Anderson, Ripley, and that the alleged illegal practice of I. M. Watkins, Sherman, be investigated by Doctor Knight.

Together with the preparation of questions and marking of examination papers, the above report indicates the character of the work of the board.

In recommending that certificates of fact be granted to certain older practitioners who failed to register in 1890 as required by law, the board has been subjected to much criticism. Within the board there has been considerable difference of opinion. However, if a person can show by affidavits from men of good standing that he practised for three years prior to 1890, it appears that the board must recommend that a certificate of facts be granted.

Summary. Detailed statistics concerning the veterinary schools for the year are given in exhibit A, table 3. In comparison with 1918 the veterinary schools of the State show the same number of institutions (2); 6 less officers of instruction (51); and the same number of students (137). There were 47 less degrees conferred on graduation (24).

Examinations. Examinations were held September 24-27, 1913; January 28-31, 1919; May 20-23; June 24-27 at Albany, Buffalo, New York and Syracuse. Thirty-five veterinarians were licensed on examination.

Results

	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Examinations.....	4	4	4	4	4	4	4	4	4	4
Examined.....	29	34	38	34	56	41	35	44	124	58
Rejected.....	2	10	12	3	11	6	6	3	34	25
Per cent rejected.....	6.8	29.4	31.5	8.8	19.6	14.6	17.1	6.8	27.4	43.1
Licenses issued.....	27	24	26	31	45	35	29	41	90	33
Honor licenses issued.....	0	0	1	6	0	0	0	*0	*0	*0

* Honor licenses no longer issued.

Rejections by topics

SUBJECT	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Anatomy.....	0	0	1	0	0	2	0	1	18	11
Physiology and hygiene.....	0	1	1	1	0	2	2	1	13	10
Chemistry.....	0	1	0	2	5	2	5	2	28	13
Surgery.....	0	0	1	0	1	2	0	1	4	0
Obstetrics.....	2	1	1	0	0	2	1	1	0	5
Pathology, diagnosis and practice.....	0	7	12	3	7	5	1	0	11	8
Therapeutics and materia medica.....	0	1	0	0	0	0	0	0	7	1

Nursing

The following report from the office of the Board of Nurse Examiners, 132 E. 45th st., New York City, is furnished by the secretary and closes with March 1, 1919.

Through the late spring and early summer months, particularly in June, there were many calls and letters prompted by the publicity of the "drive for nurses" to fill the places in the training schools of the nurses who had gone to the army. About this time a nurse was placed in the New York county chapter of the Red Cross, and another at the Atlantic division. This naturally drew away the attention from the office of the Board of Examiners and reduced its usefulness.

Except for those who came in response to the stimulus of the drive the nature of their errands was much the same as last year. In frequent instances the office was made a convenient way of reaching the acting inspector and intimate conversation took the place of correspondence. It appears that some such center might be used to great advantage by the inspector in her frequent visits to the city.

The accompanying tabulation shows the work of the office from March 1, 1918 to March 1, 1919. A comparison with the record of last year (1917-18), and bearing in mind that a member of the board was in the office but three days of each week and that it was cared for during the other three days by a nonprofessional person, demonstrates that it has been a source of real usefulness as well as a convenient center in which to keep the records of the secretary.

1918 Month	Printed matter sent out	Letters written	Referred to files	Telephone calls	Personal calls
March.....	....	75	2	8	28
April.....	....	74	6	21	51
May.....	....	46	7	8	56
June.....	343	73	2	47	124
July.....	184	56	20	32	51
Aug.....	34	86	21	8	44
Sept.....	13	47	2	14	53
Oct.....	8	37	1	16	26
Nov.....	15	24	4	11	30
Dec.....	4	40	6	12	26
1919					
Jan.....	6	26	....	20	25
Feb.....	1	57	11	10	20
Total.....	608	641	82	207	534

Annual meeting of the Board of Nurse Examiners. The annual meeting was held March 22d in the Education Building, all members being present. The minutes of the last meeting were accepted as read.

Reports. Miss Cameron reported that the committee on record cards had nothing final to present, and it was voted to give her more time to extend her investigations.

The secretary's report of the work of the office in New York City for the year ending March 1, 1919 was accepted as read.

New business. Miss Hitchcock announces that she had tendered her resignation to the Board of Regents in order that she might accept a position connected with public health nursing that would engross her entire time, the resignation to take effect April 1st.

The board expressed regret and asked Miss Hitchcock to consider remaining on the board until August 1st and so avoid a change until after the June examinations. The board agreed, however, that she should be relieved from the office of secretary on April 1st.

Recommendations. It was moved by Miss Hitchcock and seconded by Miss Cameron that the following recommendation be presented to Doctor Downing:

The board respectfully asks the active cooperation of Doctor Downing in putting into effect the recommendation regarding the increase of compensation to the examiners which was passed at the last meeting of the State Nurses Association held in December 1918.

Despite very earnest efforts that were made at that meeting great difficulty was experienced in persuading nurses to allow their names

to be placed on the list of nominations to the Board of Examiners. The impression was very definitely conveyed that the compensation was so small as to seem undignified and was more of a detriment than an inducement.

In this connection the board wishes to suggest to Doctor Downing that of the names submitted by the State Association that of Miss Manley of the Niagara Falls Memorial Hospital Training School be given special consideration because of the superior qualifications she would bring to the work.

It was recommended by Miss Gray and seconded by Miss Hitchcock that Miss Cameron, who is obliged to secure a paid substitute to care for her mother during her absence, be refunded for this expense. The board presumes to make this suggestion as a precedent was established a number of years ago in the case of Miss Bella J. Fraser.

The places for the practical examinations were apportioned as follows:

Lenox Hill Hospital, New York, Miss Hitchcock
Mt Sinai Hospital, New York, Miss Cameron
Homeopathic Hospital, Albany, Miss Atkin
St Joseph's Hospital, Syracuse, Miss Anderson
St Joseph's Hospital, Ogdensburg, Miss Anderson
Buffalo General Hospital, Buffalo, Miss Gray
Binghamton City Hospital, Miss Gray

Subjects in theory.

Anatomy and physiology, Miss Anderson
Dietetics and genito-urinary nursing, Miss Atkin
Obstetrical nursing and materia medica, Miss Cameron
Bacteriology and surgery, Miss Hitchcock
Medical nursing and nursing of children, Miss Gray

The officers elected for the next year are: Miss Anderson, president; Miss Gray, secretary.

Inspector's report. Since the report of the year 1917-18 was carried on through December of that year, in order to round out the subject of the nurses' contribution to the great war, this report covers a period of but six months from January 1, 1919 to July 31, 1919, but the statistics are for the school year.

During this time a beginning has been made in the readjustment of the nursing service of the country. A readjustment which was not only made necessary by the ending of the war, but also by the havoc wrought in the hospitals of the country by the influenza epi-

demie. The reconstruction program both for overseas and at home involves a public health problem of vast proportions which is largely dependent on the nurses of this country.

Many of the war-time activities which involved nursing service have proved their worth and are being continued. This much broadened nursing program calls for greater and greater numbers of nurses and for many with preparation for special fields of work. These problems are already being dealt with by various national and state organizations.

One of the first conferences was that held under the auspices of the committee on nursing of the General Medical Board of the Council of National Defense on December 19, 1919 in Chicago, for the purpose of discussion with representatives of the various boards of nurse examiners, state nurses associations and inspectors of training schools for nurses, of the many problems which had been brought before them.

As a result of this conference the following recommendations were referred to the Joint Board of Directors of the three national organizations of nurses at their annual meeting in New York on January 19, 1919.

1a That uniform information be compiled concerning training schools.

b It was agreed in view of legal restrictions many boards of examiners would be unable to publish descriptive lists of their schools and therefore that the American Nurses Association be asked to suggest that state associations gather and publish the same.

c That an introduction be prepared by the National League of Nursing Education for the foregoing descriptive list of schools outlining the requirements of a standard school.

d That steps be taken as soon as practicable to grade schools of nursing according to some accepted standard.

2a That it is the sense of the meeting that this conference should urge the formation of headquarters in each state for the conduct of nursing affairs within that state.

b That this conference approves the establishment of a salaried inspector or educational director on whole or part time in each state.

c That this conference recommends that suitable educational and professional qualifications be required of inspectors of training schools.

3a That a conference of state board of nurse examiners be held in 1919.

b That the 1919 conference be held at the same time as the convention of the National League of Nursing Education.

c That at least one member of each committee or board of nurse examiners and an inspector in states where such exist shall be invited to attend.

4. That the National League of Nursing Education be asked to push forward the formation of state leagues.

5 That the American Nurses Association be asked to urge the formation of state committees on rank for nurses.

6a That it is the sense of this conference that nurses should take over the training of attendants under the guidance of nurses and regulate their practice under the nurse practice acts.

b That we approve the training of attendants in institutions that have been enumerated, and such others as may later be enumerated in which the training of nurses is not conducted. (The institutions previously named were houses for chronic and convalescents, tuberculosis sanatoria, hospitals for mental and nervous patients, and homes for crippled children—chronic cases exclusively.)

c That the age of candidates for attendant training should not be less than 18 years.

d In view of the fact that a joint committee of the National League of Nursing Education and the National Organization for Public Health Nursing is at work on this question, that the details regarding the training of attendants be left to this joint committee.

7 In view of the unwarrantably long hours of duty required of student nurses, which compare most unfavorably with all modern reputable industries, this body places itself on record as urging the joint boards of the three national associations to begin at an early date to agitate the question of amending nurse practice acts to include a limitation of hours a week of practical work for student nurses to 52 hours a week.

8 That this conference recommends that the state associations urge an amendment to the laws in the states requiring three full years of training in the hospitals, which would provide as a substitute for one of those years in the hospital approved work in a college, technical school or in approved courses in training for public health nursing.

It is along the lines of these recommendations to the boards of the three national nursing organizations that action has been taken the past few months and already some definite results are seen.

The committee on education of the National League of Nursing Education published in May a pamphlet entitled "Post Graduate Courses for Nurses" as an aid to nurses seeking information regarding such courses and especially with the hope of its being useful to the nurses relieved from military service who were anxious to enter new fields of work.

In June the committee published two bulletins: Bulletin 1, "The Case for Shorter Hours in Hospital Schools of Nursing"; Bulletin 2, "Suggestions for Establishing the Eight Hour Day in Nursing Schools." Bulletin 1 was sent to the boards of trustees of all accredited and registered schools of the country. Bulletin 2 went to the principals of these same schools.

"The Case for Shorter Hours in Hospital Schools of Nursing" states the situation very clearly and under the heading, "Why

Student Nurses Should Have Shorter Hours," makes this summary of the main argument of the brief:

1 *The hours for student nurses in most of the hospitals of this country are unreasonably and inexcusably long.* They are breaking down the health of many nurses and sapping their energy and spirit. They are keeping large numbers of excellent young women out of this work and interfering seriously with the education of those who are at present in nursing schools.

2 *There is an unprecedented call for well-trained nurses in this country, both in the hospitals and in the various branches of nursing outside.* This call will be much louder and more insistent in the near future. We can not hope to supply this demand unless we can change the conditions in hospital training schools which are keeping out many well-qualified women.

3 *There are no reasonable or valid arguments justifying the present system of hours for pupil-nurses in hospitals.* All modern scientific evidence and the great weight of experimental evidence gathered from this and other fields of work, is against such excessive hours of work. Hospitals being preeminently scientific institutions can not plead ignorance of these facts.

4 Florence Nightingale laid it down as an axiom long ago that *hospitals should cure disease, not produce it.* It would seem to be self-evident that institutions which exist for the relief and cure of sickness should not be undermining the health and vitality of their own workers. *At the present time most hospitals are far behind many purely commercial institutions in the protection and care of their workers.*

5 Hospitals are *educational* institutions. They offer a training in nursing for which they demand large fees in the form of pupil service. At the same time they impose conditions which make good educational work practically impossible. Educational authorities argue that this system as it is usually carried on, is antiquated and inefficient as well as economically unsound. No educational system can hope to retain the respect and confidence of the public unless it brings itself more in line with progressive thought and practice.

The bulletin concludes with a statement by Dr C. E. A. Winslow, professor of public health, Yale University, as follows:

From the standpoint of the student of public health I am deeply interested in the movement for shorter working hours for pupil nurses on two different accounts. In the first place I feel that one of the most vital problems of the present day is the attraction of women of ability and training into the field of public health nursing, and I am sure that one of the greatest obstacles in the way of this desirable end is the arduous and profitless manual labor that is required of the pupil-nurse.

In the second place I regard this problem as a part of the general problem of occupational hygiene.

No progressive state would permit factory operators to be exploited as nurses are exploited in many of the training schools of this country. I have long hoped that higher educational ideals in the training schools themselves and particularly the development of training schools under independent educational management, bearing to the hospital the same relation that the medical school now bears, would solve this difficulty. If it does not

do so it will be necessary to seek for protective legislation in order to do away with conditions which are not only a burden upon the whole profession of nursing, but a serious menace to the health and efficiency of the women immediately concerned.

The National League of Nursing Education held its meetings in Chicago during the week of June 24th. Among the important questions discussed were "The Training of Attendants," "The Eight Hour Day for Pupil-Nurses," "Rank for Army Nurses."

The New York State League of Nursing Education met in Rochester on December 3d. At this meeting the president of the league, Miss Carolyn Gray, spoke forcibly on the high order of work done by nurses and nursing organizations during the past year. The league went on record as favoring an eight hour day for student nurses.

The New York State Nurses Association held its seventeenth annual meeting in Rochester on December 4th and 5th. Its most important action was the decision to again go to the Legislature in an effort to amend the nurse practice act. Alice Shepard Gilman was elected chairman of the legislative committee.

Legislation

After conference between the executive committee of the New York State Nurses Association and the legislative committee on January 18, 1918 a bill was drawn up amending the public health law in relation to the practice of nursing. This bill provided for the registration and licensing of all who would practise as trained, graduate, certified and registered nurses, also for the training and licensing of attendants, who would be known as trained attendants. It also provided for additional members of the Board of Nurse Examiners and for the appointment of a secretary to the Board of Nurse Examiners who should be a registered nurse, and for such registered nurse inspectors as are necessary for the purposes of the article.

It contained as well a reciprocity clause and made provision for the prosecution of anyone violating the law. A saving clause was also inserted, as follows:

252 b Saving clause. Nothing contained herein shall prevent any person from engaging in nursing, provided, however, that she shall not assume the title of trained, certified, graduate or registered nurse or trained attendant, without complying with the provisions of this article.

It was introduced in the Senate by Senator John Mullen of Rochester during the week of February 24, 1919. The following

week it was referred to the committee on public health. A similar bill was introduced in the Assembly by Dr Raymond Kenyon, chairman of the public health committee, on March 14th with the result that a joint hearing was called for March 19th.

This hearing was presided over by Hon. L. W. Gibbs, chairman of the public health committee of the Senate. The following persons appeared in opposition: Mr Savage, representing the Hospital Conference of New York City; Doctor Howard, superintendent of the Rochester State Hospital; Doctor Stack, Poughkeepsie; Mr Bailey, representing the Chautauqua School of Nursing; Mr Charles Tobin, representing certain small hospitals; Doctor Ashley, superintendent of the Middletown State Hospital; Doctor Meyers, practising physician of Albany; Doctor Stillman of the National Training School for Certified Nurses.

The Committee room was well filled, the majority being in favor of the bill. Among those who spoke in favor of the bill were Senator Mullen and Doctor Gaylord, representing the Erie County Medical Association.

There were many indorsements of the bill, including The State Federation of Women's Clubs, New York Academy of Medicine, Monroe County Medical Association, Erie County Medical Association, commissioner of charities of New York City, medical boards of the Metropolitan and Bellevue Hospitals of New York City, trustees of Bellevue Hospital of New York City, trustees of Presbyterian Hospital of New York City, Dr S. S. Goldwater, superintendent of Mt Sinai Hospital, New York City.

Speaking in support of the bill Senator Mullen said: Commission on Lunacy would be unable to maintain training schools for nurses in the state hospitals if the bill were passed as it would bar all applicants who had not had high school education. The following amendment was suggested: "The Regents of The University of the State of New York shall recognize as nurses, graduates of training schools for nurses in state institutions registered with the Regents and maintaining a three-year course of training."

Other opposition was based on the objection to the elimination of the terms graduate, trained and certified, and also to the fact that no recognition was given to the practical nurse. Further opposition stated that it gave the larger hospital a monopoly both as to personnel and management and made it impossible for the small hospitals to train local students in the profession of nursing.

Dr W. O. Stillman, representing the National School of Certified

Nurses; opposed the bill on the ground that he was conducting a purely philanthropic institution; that he had organized the school to meet the needs of the poor people, and that he did not wish his graduates to be called attendants.

Speaking in support of the bill Senator Mullen said:

The bill attempts to standardize nurses and puts the label on the goods. It seems to me that the opposition which has been presented resents the fact that they must put the goods they turn out under the proper label, and they will not be permitted to masquerade under some other name or title. There are laws which prohibit this sort of thing in lines of manufacture and business.

This bill simply means to protect the nurses who put in their time and money to secure their education, but at the same time it does not prevent any person who may want to engage in nursing from doing so.

It protects the public so that if you go out and hire a nurse, you get what you hire; in other words you can not put the goods that are of inferior quality in the bottle that is labeled for superior goods.

Following the hearing the bill was reported favorably out of committee. It was amended as desired by the State Hospital Commission, thus gaining its support. Assemblyman Kenyon, chairman of the public health committee of the Assembly and the introducer of the bill in that body, also succeeded in getting the bill out of committee and reported favorably to the Assembly where it had its first and second readings.

After delays due to Senator Mullen's illness and absence from Albany, during which time the bill went into general orders in the Senate, it was advanced to that reading and on April 18, 1919, it came to a vote and was defeated 11 to 21. It was withdrawn from the Assembly on April 19th, the closing day of the Legislature, before coming to vote.

Registrations. There are registered under the Regents 362 schools of nursing, 144 of which are located in New York State.

Nine schools have been registered during the past year, namely, those connected with the People's Hospital, New York; Department of Hospitals and Dispensaries, Buffalo; Hurley Hospital, Flint, Mich.; Elizabeth General Hospital, Elizabeth, N. J.; All Souls Hospital, Morristown, N. J.; Frankford Hospital, Philadelphia, Pa.; Newark Hospital, Newark, N. J.; Wellesley Hospital, Toronto, Canada. One school, that connected with the Polyclinic Hospital, has been discontinued owing to the hospital having been taken over by the United States Government.

Inspections. Inspection of schools discontinued during the absence of the inspector of nurse training schools in military service.

were resumed on July 1st and fourteen visits to hospitals have been made during the month, three of which were to schools seeking registration.

Progress. Despite the difficulties which the hospitals and schools have passed through during the year progressive steps have been taken in many institutions, these have included provision for better housing of students and additions to hospital buildings, thereby increasing the clinical facilities for teaching.

Additions have been made to nurses' residences connected with the Brooklyn Hospital, the Flushing Hospital and the Rome Hospital.

The A. B. Hepburn Hospital of Ogdensburg has received a gift of \$100,000 and is now building a nurses' residence.

The Swedish Hospital of Brooklyn, the Park Avenue Hospital of Rochester and the Hudson City Hospital of Hudson have improved the living conditions for their students.

Several schools have made affiliations which broaden the experience given to their students. Notable among these affiliations is that provided by the Henry Street Settlement whereby senior students of a number of schools are being given four months of instruction, which includes certain public health courses given at Teachers College, Columbia University, and experience in the field under the supervision of the Henry Street nursing staff.

The Manhattan Maternity Hospital is also continuing to give the students affiliated there one month of their service in the outdoor work carried on in conjunction with the Henry Street Settlement and the Maternity Center Associations.

Affiliations have also been made by the hospitals in Albany with the Albany Guild for Public Health Nursing.

Statistics. Reports filed in the Department show that 1350 diplomas have been issued by schools connected with general hospitals and there are in training in these general hospitals 1715 first year students, 1677 second year students and 1272 third year students. One hundred sixty-eight diplomas have been issued by the schools connected with the 13 state hospitals and the 2 other special institutions on the registered list, Craig Colony and Bloomingdale. Statistics of these latter schools show 167 first year students, 144 second year students and 38 third year students. This makes a grand total of 1518 diplomas issued and 5013 students in the schools. These students are in training in schools connected with hospitals as follows: under 100 beds, 58; between 100 and 200 beds, 39; over 200 beds, 32. State and special hospitals mentioned

with a capacity of from 400 to 5500 beds. General hospital beds in the State total 22,338; state and special hospital beds, 37,260, where student nurses are receiving their experience. This is exclusive of special hospitals where many students receive their obstetrical and pediatric experience.

Sixty schools have changed principals during the year, in several instances more than once.

Credentials. Educational credentials from 2335 candidates for entrance to nurse training schools have been submitted to this Department for approval as follows: college graduates, 218; partial college, 18; high school graduates, 504; two years or more high school, 453; one year high school, 784; equivalents, 201; not accepted, 57.

The increased number of college graduates, nearly 10 per cent of the total, was very largely due to the Vassar training camp carried on during the summer of 1918. A large number of those listed under one year of high school have had as many as 20 to 30 counts. This makes the proportion of students admitted to the schools presenting credentials above the minimum required by law increasingly large and most satisfactory.

The majority of candidates now obtain nurse student qualifying certificates. No definite effort was made to have candidates obtain these certificates until 1914. Since then a constantly increasing number have obtained them. Until 1918 these certificates were issued directly to the candidates. At that time, however, it was found that a considerable number of certificates were being obtained by candidates who did not for various reasons enter the schools; since then the certificates have been issued only at the request of the principal of the school who accepts the candidate. This has somewhat reduced the number of certificates issued.

<i>Year</i>	<i>No. nurse student certificates issued</i>	<i>Year</i>	<i>No. nurse student certificates issued</i>
1907.....	2	1914.....	a85
1908.....	1	1915.....	381
1909.....	5	1916.....	1515
1910.....	4	1917.....	b2282
1911.....	3	1918.....	c1766
1912.....	2	1919.....	1680
1913.....	9		

a First year that candidates were urged to obtain this certificate.

b Increase attributed to war interest in nursing.

c Decrease attributed to ending of war and to change in policy of issuing the certificate.

Results of examinations. January-June 1919: examinations 2; examined 1176; rejected 170; per cent rejected 14.4.

Rejections by topics. Examined in January, 422; in June, 754.

SUBJECT	FAILED	
	January	June
Practical nursing	28	81
Anatomy and physiology	56	118
Medical nursing and children.....	22	49
Obstetrics	76	21
Materia medica	78	149
Bacteriology and surgery.....	15	18
Diet cooking	120	36

Comparison of examinations for the past eleven years

YEAR	EXAMINED	NO. HELD	PASSED	FAILED	PER CENT OF FAILURES
1909.....	628	2	561	67	10.6
1910.....	649	2	606	43	6.6
1911.....	894	2	844	50	5.5
1912.....	1054	2	966	88	8.3
1913.....	1176	2	994	182	15.4
1914.....	1247	2	1149	98	7.
1915.....	1282	2	1199	83	6.3
1916.....	1290	2	1132	158	12.24
1917.....	1582	2	1348	234	14.7
1918.....	1989	3	1535	454	22.8
1919. {	422 Jan. 1		342	80	14.4
{	754 June 1		664	90	

Librarianship

Like teaching and other education professions, librarianship has been greatly affected by the changing and exceptional social conditions of the past five years.

Both before and since this country entered the war, hundreds of librarians left their work to take better-paid places in business, in government positions and in many new forms of social and welfare work which were revealed by the war and reconstruction. It was supposed that when the patriotic incentive was withdrawn, the war over and normal conditions restored, most of these people would return to libraries. Nothing of the kind happened. Big business and other new lines of work have discovered that librarians are useful and have kept them at salaries which few if any libraries can meet. Librarianship, at best a small profession, numbering it may be 15,000 persons, thus finds hundreds of its trained and experienced

workers permanently lost to it — perhaps 10 per cent of its active personnel suddenly withdrawn, with an immediate lowering of efficiency and standards of service everywhere.

To fill these places, libraries naturally turn to library schools and a singular condition is revealed. Library work is too easy to get into. Most professions require not only training before entrance but some official recognition of such training before practising. Nurses must be registered, accountants certified, physicians licensed, teachers certified, etc. but anybody may become a librarian in 5 minutes by going into a library and approving herself to its chief. This entire absence of standards or requirements for practising librarianship (save such as a few libraries have voluntarily fixed for themselves) not only keeps at a hopelessly low level the educational and personal qualifications of librarians but (as a logical result) keeps salaries small. Library salaries have always been small partly because it is relatively a new profession but mainly because salaries in any profession will always tend to stay at the level of its poorest qualified practitioners, and as libraries exact no formal preparation it follows that their staffs are principally recruited from those with neither time nor talent enough to get into other callings.

And this condition operates in another way. It makes professional training seem unnecessary and thus reduces the number of those who are disposed to attend the few library schools. This is specially noticeable in the present scarcity and eager employment of anyone who is willing to work in a library. Why spend time for library training when without it there is immediate employment on every hand? The library schools thus lose a student and the profession a trained worker and American librarianship is so heavily indebted to the library schools for its leaders that it is a very short-sighted policy which permits and perpetuates conditions which deter or discourage able "prospects" attracted to library work from taking the best training for it.

How true these remarks are the following figures show. The twelve schools which are members of the Association of American Library Schools have for some years graduated about 300 persons annually (although the libraries of the country would have welcomed twice as many); to be exact, in 1915-18, 292, 300, 284, 305 respectively; but in 1919, 215, in 1920, 211, a decrease of 26 per cent in each of the last two years since the librarian shortage became acute. And this shortage at the moment is greater than ever. The demand for anyone who promises to be of any use whatever in a

library has never been keener. The schools are facing smaller entering classes. The profession is facing still more serious inroads into its only supply of well-educated and trained recruits.

What will make library work attractive to the best college men and women and persuade them to take that formal training for it which in the past twenty-five years has commanded salaries well above the average and which has furnished so many (though never enough), of the rank and file of the profession in this country? Looking to the closely allied teaching profession for a convincing analogy, the point in library development would seem to be reached, perhaps passed, when a system of state certification shall give a wholesome stimulus to library personnel and through it of course to all library development and usefulness. At present the State insists upon no formal preparation, apprenticeship or training and requires no credential, examination or certificate before engaging in library work. It is true that state and city civil service officials have set certain salutary standards in their examinations but the administration of civil service laws and rules has too often been illogical, confusing and perfunctory and then, too, much the smaller number of library positions are as yet affected by civil service laws.

State certification (affecting of course only libraries wholly or partly supported by public funds) is not a new thought. It is a *fait accompli* in California. The legislatures of Ohio and Indiana have more than once considered it, the former state indeed has once passed a bill providing it, only to have it vetoed.

The American Library Association three years ago had the matter exhaustively reported on by a committee, and a committee of the New York Library Association for several years has been taking testimony and compiling the data which found expression in the adoption in 1919 of a report favoring the inauguration by The University of the State of New York of a certification policy and practice. The plan presented by this committee and its recommendations to the State Education Department were as follows:

Every free public library receiving an annual income of at least \$1200 from any or all sources or which is located in any municipality or district containing a population of 3000 or over, and which enjoys any exemption from taxation or receives any money from public tax from state or from any municipality or district to whose inhabitants the library is free, shall designate and employ a competent person to serve as head librarian who shall be responsible to the board of library trustees and to the State for the duties involved in that office; after the passage of this act no vacancies existing or occurring in the position of head librarian in libraries as above

provided and specified shall be filled by appointment or designation of any person not in possession of a librarian's certificate issued under the authority of this chapter.

The President of The University of the State of New York shall issue librarians' certificates under such rules as may be prescribed by the Board of Regents.

Nothing in these recommendations is to be construed as affecting any librarian in his present position. Such librarians are entitled to claim and receive certificates in accordance with the position now occupied without examination or other requirements.

The following rules were suggested to carry out the provisions of the proposed legislation.

The President of The University of the State of New York shall appoint a board of library examiners with such qualifications and terms of office as the Regents may require.

Classes of certificates. Librarians' certificates shall be of four grades as follows:

Librarian's life state certificate: A candidate for a life state certificate must have had four years' full work in an approved college, university or institution of similar grade, at least one year's full work in an approved library school, two years' approved experience in library work and have secured a grade of 80 per cent in an examination in library economy; or in lieu of the above qualifications he must have had four years' training in an approved college, university or institution of similar grade, and have had at least five years of notable administrative experience in a free public library in a community having a population of 50,000 or over or in an approved library of at least 50,000 volumes.

Five-year certificate: A candidate for a five-year certificate must have had two years' full work in an approved college, university or institution of similar grade or be a graduate of an approved normal school, not less than one year's full work in an approved library school and two years' approved experience in library work and have secured a grade of 75 per cent in an examination in library economy; or, in lieu of the library school training and two years' experience he must have had three years' approved administrative library experience.

Three-year certificate: A candidate for a three-year certificate must have had a full high school education or its equivalent, full work in a library course of not less than six weeks' duration, one year's approved experience in library work and have secured a grade of 75 per cent in an examination in library economy.

Two-year certificate: A candidate for a two-year certificate must have had a full high school education or its equivalent, full work in a short course of not less than three weeks' duration in an approved library school, one year's approved experience in library work and have secured a grade of 75 per cent in an examination in library economy; or, in lieu of the short library school course he must have satisfactorily completed three months' work in an approved training class for library apprentices.

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Renewal of certificates. Five-year certificates may be renewed for life upon submission of evidence of successful library administration during the period for which the certificate was issued.

Three-year certificates may be renewed for a like period upon submission of evidence of successful library administration during the period for which the certificate was issued.

Where valid. Life state certificates shall be valid for positions in any municipality or district of the state.

Five-year certificates shall be valid for positions in any municipality or district of the State having a population of 50,000 or less.

Three-year certificates shall be valid for positions in any municipality or district of the State having a population of 20,000 or less.

Two-year certificates shall be valid for positions in any municipality or district of the State having a population of 5000 or less.

Dates and places of examinations. Examinations for librarians' certificates shall be held at such places and on such dates as the President of the University may designate.

Provisional certificate. Upon submission of satisfactory evidence that no qualified librarian is available for appointment in a position requiring a two-year certificate, a provisional certificate valid for one year may be given by the President of the University upon written application from the library trustees. Such certificate shall not be valid beyond the period of one year from the date of issue.

Library schools in New York State. There are in this State four library schools approved by the Regents of The University of the State of New York.

The New York State Library School at Albany, established in 1889, which is a teaching department of the University and admits only college graduates. Nearly 800 students trained in this school have been employed in the public college and school libraries of the State.

The Pratt Institute Library School, Brooklyn.

The Syracuse University Library School, Syracuse, which includes a year of library instruction in the four-year college course.

The Library School of the New York Public Library.

These schools train each year from 150 to 200 persons, a number which could easily be doubled if entrance to the profession were more carefully safeguarded and better salaries thus assured.

Association of American Library Schools. Modeled upon similar associations of law schools and medical colleges, the library schools of the country which meet certain stipulated standards for admission have within the past five years arranged for closer conference and united action on matters relating to professional education and practice.

American Library Association. The 41st annual meeting of this association was held in Asbury Park, N. J., June 23-27, 1919. Of interest in education is the paper by Charles C. Williamson entitled "Some Present Day Aspects of Library Training," which suggested "the following definite plan for organizing training and formulating standards and certifying library workers. Let this association establish forthwith a training board—an A. L. A. training board analogous to the A. L. A. publishing board. Let that board be made up of the proper number of representatives of library schools, training class interests, state commissions, etc. Make it truly representative. Then let it employ a competent executive who will give all his time to its work and such other expert assistance and such clerical service as experience shows to be desirable and feasible."

New York Library Association. The 28th annual meeting of this association held at Lake Placid September 23-29, 1918, was given in the last report.

New York State Library School. This institution is established as a division of the University and at the same time as a professional school. Its activities as a school are reported in this place while as a division it reports through the State Library. It is, properly speaking, a graduate school as it requires for admission college graduation, though it confers a baccalaureate degree in library science upon graduates after a two-year course of graduate study. Graduates upon whom the Regents confer the degree of bachelor of library science are given in an earlier section of this report entitled "Charters, Degrees and Licenses." The school reported for the year 12 members of the faculty; 32 instructors and lecturers and 5 others. The student body numbered 29; 28 regular students and 1 special. The school conferred 5 B. L. S. degrees and 1 M. L. S. degree.

Summary. The number of students, instructors and other information concerning library schools of the State is given in exhibit A, table 5. No comparison with 1918 can be made because of the lack of reports from two of the four schools of the State. A more earnest effort will be made to secure complete reports from the library schools another year.

Accountancy

Institute of Accountants. The second annual meeting of this association was reported last year. No copy of the year book of the institute has come to hand at the date this report goes to press.

HIGHER EDUCATION, 1918-19

American Association of University Instructors in Accountancy. No record of this association has been received the current year.

New York State Society of Certified Public Accountants. No report of the meeting of this society for the current year has been received as this report goes to press.

State Board of Examiners. The officers and members of the board of examiners for the year 1919 were F. W. Lafrentz, president; Charles S. McCulloh, secretary; and William H. Dennis. Mr Lafrentz, whose term expired August 1, 1919, was reappointed for a term of three years.

From January 1 to June 30, 1919 the board held seven meetings for the transaction of business. It examined and rated the answers of candidates attending the January examinations. Answer papers were submitted for rating as follows: auditing 44; theory 47; law 45; and practical accounting 89; involving 1716 answers to be rated, and representing 93 applicants, without considering requests for rerating.

During the same period the board received and acted favorably upon 25 applications for the certificate of certified public accountant.

The board received and considered requests from a number of applicants for the title of C. P. A. for a review of their papers submitted in the two examinations held (January and June). In certain cases the board was led to increase some of the original ratings, but in most instances did not feel justified in making any change. The attitude of the board in this matter is dictated by a sincere desire to do full justice to each applicant, but in doing so it has always endeavored to act in a judicial capacity in passing upon such appeals; that is, to reconsider the ratings given in the first instance purely in the light of the merits of the answers submitted, without being influenced either by the new evidence presented, elaborations of the original answers, or appeals animated by disappointment on the part of the applicant.

Several applicants for the title, who failed to meet the requirements as to professional qualifications, requested an oral hearing by the board, which was granted. Each applicant in question was examined by the board and afforded an opportunity to submit relevant evidence as to his knowledge of the subject under consideration, as well as general fitness for the title. In one or two cases, such oral examination resulted in approval of the application, but in others the contrary is true.

During the year the board has had occasion to reprimand several applicants for the title of C. P. A. for intentional violation of the C. P. A. law, in that they were advertising themselves and conducting business as certified public accountants prior to the granting of the title, such digression constituting a misdemeanor under the law. In two or more flagrant cases the facts were placed in the hands of the district attorney of the county of New York, with the approval of the Education Department, with instructions to prosecute the miscreants. These cases have not yet been disposed of, but it is understood that the district attorney is proceeding with each case.

Summary. Detailed statistics concerning the schools of accountancy are given in exhibit A, table 5. In comparison with 1918 one school only reported having 106 officers of instruction, 4858 students, and 86 graduates.

Examinations. Accountancy examinations were held January 28-30, 1919 and June 24-26, 1919.

Results of C. P. A. examinations 1896-1919

	Candi- dates	Number rejected	Per cent accepted
1896-97.....	14	6	57.1
1897-98.....	15	9	40
1898-99.....	17	7	58.8
1899-1900.....	16	7	56.2
1900-1.....	17	4	76.4
1901-2.....	129	82	36.4
1902-3.....	68	58	14.7
1903-4.....	82	60	26.8
1904-5.....	77	41	46.7
1905-6.....	78	61	21.7
1906-7.....	104	74	28.8
1907-8.....	122	99	18.8
1908-9.....	112	64	42.8
1909-10.....	135	82	39.2
1910-11.....	150	89	40.6
1911-12.....	204	169	17.1
1912-13.....	220	190	13.6
1913-14.....	250	207	17.2
1914-15.....	293	266	9.2
1915-16.....	324	205	36.7
1916-17.....	376	337	10.3
1917-18.....	241	175	27.3
1918-19.....	229	179	21.8
Total.....	3 273	2 471	24.5

Rejections by topics

SUBJECT	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Theory of accounts.....	4	0	44	16	22	7	16	11	22	21	31	7	85	93	72	100	40	125	45	55
Practical accounting.....	6	3	68	53	54	38	50	67	88	54	72	80	165	84	174	223	151	303	155	165
Auditing.....	0	0	13	18	19	4	28	13	26	10	4	21	68	93	115	144	89	160	25	24
Commercial law.....	2	3	23	8	16	3	14	15	16	13	2	23	32	86	150	184	90	170	43	33

Certified Shorthand Reporters

In January 1919 the Regents appointed the members of this board pursuant to law. No report from the board has been received as this report goes to press.

National Shorthand Reporters Association. There is no record of a meeting of this association found since the postponed meeting at St. Louis.

New York State Shorthand Reporters Association. No report of this association has been received at the date this goes to press.

Examinations. The examinations for certified shorthand reporters were held by the examiners June 25-26, 1918, and January 28-29, 1919, at Albany, Buffalo, New York and Syracuse. Four candidates were examined and two were certified. (For list, see exhibit B, table 11.)

Registered Architects

An interesting paragraph from the president's address at the Tennessee convention may properly continue the record of this new profession referred to in previous reports:

On every side we meet the word "professional." It crops up in most unexpected and unaccountable places, and strange associations. In the circular of our postwar committee we find it used in connection with and to define a recently assumed attitude of the contractor toward his work, wherein, under the guise of a growing professional tendency, he seeks to disguise a desire to shirk old and irksome responsibilities. Almost over night our friends, the brokers in real estate, have put on, together with a general clean-up and new paint, the title "realtor" and a claim to complete graduation into the class professional. I call this a sign of the times, and a distinctly unpromising one — one I attribute to those among us who, for the sake of a theory more Utopian than professional, would have us believe that commerce itself is in line to take on the garb of unselfish service, in spite of the margin of profit for which it exists.

American Institute of Architects. The 52d annual convention of the institute was held, April 30 — May 1-2, 1919 at Nashville, Tenn. That this profession is younger than architecture was exemplified by a portrait of William Strickland, the architect of the capitol building hung behind the speaker's chair, for Strickland died in 1854, three years before the institute was founded. The reporter of the convention sums up briefly the major notes that were struck at this convention which, within his memory, was the best in the matter of attendance. Of the four major notes one was "the happy and spontaneous address of Mr Magonigle . . .

on the subject of education." Three items from the convention's actions are of interest. The board of directors was instructed to prepare a plan for an endowment fund, the principal of which should remain inviolate and the income of which should be devoted to the maintenance of the Octagon property; and to give all possible assistance to the movement for farm home improvement. The committee on education was directed to give every possible assistance in the movement for cultural instruction in architecture in American colleges and to cooperate with the Association of Architectural Schools for the purpose of defining requisite preparation for architectural practice and to suggest changes looking toward improvement in prevailing school methods. This report on the convention may properly close with suggestion 9 from Mr Magonigle's address:

That when the architect is properly educated and trained, when to the inculcation of ideas of probity in arts and in his relation with the world is conjoined a knowledge of the world of business and human nature he is to go forth to fact alone—when, in short, he knows his job, "new forms of architectural design," his relation to his client, to the contractor, to labor, to his community and to his country, will all have been provided for in advance.

And at the head of such a school as I have suggested, I would rather have a great human being like Theodore Roosevelt, a man all through, a practical idealist, with his head among the stars and his feet planted firmly on the earth, than the greatest designer in the world, to teach architects how to be "men in a world of men."

Association of Architectural Schools. No copy of the proceedings of this association is available as this report goes to press.

New York State Association. No copy of the proceedings of this association is available as this report goes to press.

State Board of Examiners. The Board of Examiners and Registration of Architects hereby presents its fourth annual report, having reference to the year ending previous to the third Thursday of October 1919.

The board held 31 meetings its first year, 25 meetings during its second year, 14 meetings during its third year and 11 meetings during its fourth year, beginning with the meeting held December 14, 1918. During the last year 5 meetings were held in Albany, and 6 meetings in New York City.

The total number of applications approved to and including date of October 1, 1919, is 1518; 502 applications have been disapproved by the board up to and including the above date, but some of these have been granted certificates on appeal.

Seventeen states have enacted registration laws, and the board

believes that uniformity in such laws is of great importance particularly as related to the academic and technical requirements, and seeks the advice of the Board of Regents with a view to adjustment of the requirements in the various states.

The ending of the war and the resulting return of many of the applicants from service to our country has led to an increase in the work now before the board. Most of these applicants are graduates from our colleges and are qualified through subsequent practice.

This board has reported certain cases with evidence of violation of the registration laws and has been informed that the Department of Education possesses no right or authority to take the initiative in bringing offenders to justice. The board respectfully requests from the Regents, advice as to the procedure necessary to secure enforcement of the law.

Opinion of the Counsel to the University: "I can see no relief except through an amendment to the law governing the examination and registration of architects. It would seem to me necessary to so amend the law as to give the Attorney General the power of prosecution. He is given this power by a number of professional statutes."

Summary. The three institutions affording instruction in architecture within the State during the year were the College of Architecture, Cornell University; Department of Architecture, Syracuse University; and School of Architecture, Columbia University. The number of students, instructors and other information concerning these schools is given in exhibit A, table 5. The number of institutions in 1919 were 3, having 19 officers of instruction (Syracuse not reporting) and 1134 students (Syracuse not reporting). There were 15 degrees conferred (Syracuse not reporting).

Examinations. The examinations for architects were not held during the year but under the waiver, certificates to practise as registered architects were issued to 53 applicants.

Technical and Other Schools

Under this caption the activities of several groups of higher institutions are reported as they develop.

The first group comprises four classes—schools of technology, of art, of journalism, and of music; the second group includes agriculture, clay working and ceramics, forestry, the ophthalmic hospital and Pratt Institute.

Summaries. In 1919 there were 3998 (40 unclassified) students in attendance on the eight technical schools of the State; 10,082 on the other schools. These students were distributed as follows: In civil engineering, 795; in electrical engineering, 456 reported; in mechanical engineering, 1514; in mining engineering, 13; in stationary engineering, not reported; figures not available in chemical engineering; in schools of art, 968; in schools of journalism, 65; in schools of music, 2164; in schools of agriculture, 1220; in schools of clay working and ceramics, 55; in schools of forestry, 117; in the ophthalmic hospital, 4; and in Pratt Institute, 3746.

Schools of Engineering and Technology

No information regarding the Engineering Congress that was announced in May 1918 as planned for some time in 1919 by the Royal Netherlands Institute of Engineers East Indian Section, Batavia, Java, has been received as this report goes to press. Promise was made that the information desired would be sent forward at the end of the congress. We hope to be able to present a summary of the proceedings of this congress in our next annual report.

Summaries. In 1919 there were 3998 students in attendance on the eight schools of engineering of the State, distributed among the several higher institutions as follows: Clarkson College of Technology, 171; Columbia, 92; Cornell College of Civil Engineering, 357; Cornell, Sibley College, 1077; New York University, 496; Polytechnic Institute, Brooklyn, 468; Rensselaer Polytechnic Institute, 915; Syracuse University, 422.

Civil engineering. The committee on licensing engineers reported to the San Francisco Association at its meeting October 15, 1918 regarding the issues involved in the drafting of an engineer's license law from which the following are selected as presenting both sides of the question. The committee had on two occasions sought specific instruction from the association on whether it was the desire of the association that a law be drafted to license those practising in any or all lines of civil engineering, or whether it was desired to draft a law for licensing only those entitled to practise structural engineering. On neither occasion had the association given such instruction. The committee claiming to be without bias or the influence of any previously formed opinion was led by its studies to certain conclusions. First, any law for licensing all engineers entitled to practise civil engineering must, because of the desirability of the professional work thus covered, be either so cumbersome as to be impracticable or be so lenient as to be wholly

ineffective. There is no general demand for such legislation either by the public or by the engineering profession. The enactment of such legislation is believed to be wholly unnecessary in an exercise of the police power of the State, which is the only possible justification for such legislation, and its enactment will prove burdensome to the profession instead of beneficial.

Your committee is also of the opinion that the law for licensing stationary engineers should not be prepared in behalf of your association. Such legislation has many disadvantages, enumerated for a general engineering license law and has no reason for existence where not needed to remedy unjust conditions forced by other professions.

American Society of Civil Engineers. The 66th annual meeting was held in the auditorium of the Engineering Societies Building, New York City, January 15, 1919. The special committee on engineering education made report through its chairman. For more than a decade the committee worked faithfully in its effort to prepare a proper report on this important subject but found early in its history that there was a serious need for both funds and time. It invited the cooperation of the Carnegie Foundation. When the report was made it contained an enormous mass of information which was diligently condensed to its present form.

The report is divided into three portions, the first of which deals with the present condition of education among schools; the second part deals with the engineering problems connected with technical education; and the third offers some practical solution in aid of those problems. An item of interest to which the chairman called attention "is the fact that of all the boys that enter the schools 60 per cent fail to be graduated." The report was accepted and the committee discharged.

Summaries. In 1919 there were 795 students in attendance on the schools of civil engineering of the State, distributed among the several higher institutions as follows: Columbia, 9; Cornell, 357; Polytechnic Institute, Brooklyn, 104; Rensselaer Polytechnic Institute, 242; Syracuse University, 83.

Electrical engineering. The 35th annual convention of the Institute of American Electrical Engineers was held at the Lake Placid Club, June 24-27, 1919. The report of the development committee proves interesting both from the number of items discussed and from their variety. Of the fourteen recommendations, beginning with the development of the scope of the monthly proceedings and running through the attempt to eliminate the wasteful practice of

printing all papers twice, the dividing of the country into geographical divisions, the creation of a New York section, and the proposition to pay the traveling and living expenses of the officers and board members attending the institute's meetings are of special interest to all similar associations.

Summaries. In 1919 there were 8 students in attendance at Columbia and 1 degree conferred; 107 at Polytechnic Institute, Brooklyn, and 13 degrees conferred; 204 at Rensselaer Polytechnic Institute and 9 degrees conferred; 137 at Syracuse University and 13 degrees conferred; and 16 degrees conferred at Union College.

Mechanical engineering. The 39th meeting of the American Society of Mechanical Engineers was reported extensively in our last report.

Summaries. In 1919 there were 1514 students in attendance on the schools of mechanical engineering in the State distributed among the several higher institutions as follows: Columbia, 9; Cornell, 1077; Polytechnic Institute, Brooklyn, 85; Rensselaer Polytechnic Institute, 212; Syracuse University, 131.

Mining engineering. The proceedings of the American Institute of Mining Engineers have not been received as this report goes to press.

Summaries. In 1919 there were 13 students in attendance on Columbia College of Mining Engineering.

Chemical engineering. The proceedings of the annual meeting of the American Institute of Chemical Engineers have not been received as this report goes to press.

Schools of Art and Journalism

The absence of formal reports of national and state associations again makes it impossible to report in detail the activities of the institutions enumerated under this caption.

Schools of art. There are three schools of art under this caption operative in the State that report students the current year.

Summaries. In 1919 there were 958 students in the schools of art distributed among the several institutions as follows: Cooper Union Art School for Women, 212; New York School of Applied Design, 202; Syracuse University, 544.

School of journalism. There is one active school in the State.

Summary. In 1919 there were 65 students in attendance on the School of Journalism in Columbia University.

Schools of music. An attempt has been made to secure the report of the chairman on national standardization of the Music

Teachers National Association, but it has not been received at the date this report goes to press.

Summaries. In 1919 there were 2164 students in attendance on the schools of music in the State distributed among the several higher institutions as follows: Cortland Conservatory of Music, 242; Grand Conservatory of Music, 2; Institute of Musical Art, 533; Ithaca Conservatory of Music, 580; Metropolitan College of Music, 305; New York College of Music, 502.

Other Higher Institutions

A report of progress only is possible under this caption and summaries from our annual reports so far as available are appended.

Agriculture. *Summaries.* In 1919 there were 1220 students in attendance on the schools of agriculture in the State distributed among the several higher institutions as follows: New York State School of Agriculture, Alfred University, 125; New York State College of Agriculture, Cornell University, 901; College of Agriculture, Syracuse University, 134.

Forestry. New York State College of Forestry. The original act of this institution as amended follows:

State College of Forestry at Syracuse University. This institution was created by chapter 851 of the Laws of 1911. The original act was amended by L. 1911, ch. 85; L. 1912, ch. 15; L. 1913, ch. 161, ch. 339; L. 1915, ch. 587; L. 1916, ch. 118; L. 1918, ch. 42; L. 1919, ch. 536.

§ 1 *Establishment; corporate name.* There is hereby established at Syracuse University a state college of forestry, which shall be known as The New York State College of Forestry at Syracuse University.

§ 2 *Objects and purposes of college.* The college shall have for its objects and purposes:

1 The teaching and instruction of its students in the science and practice of forestry and its several branches, including municipal and landscape forestry, forest engineering and surveying, botany, zoology, entomology, ichthyology, silviculture, forest pathology, wood preservation, utilization and distillation and the manufacture and marketing of forest products.

2 The carrying on and promotion of investigations, experiments and research in forestry and its several branches in field and forest, classroom and laboratory and in industrial commercial plants, also like investigations, experiments and research in relation to the habits, life histories, methods of propagation and management of fish, birds, game, food and fur-bearing animals and forest wild life.

3 The conduct upon land acquired by purchase, gift or lease for such purpose, and otherwise of such experiments in forestation, reforestation, the development of forests for public, commercial and recreational purposes, the

protection of watercourses and subterranean waterflow, the protection and propagation of the animal life of the forest and forest waters, and, generally, the giving of popular instruction and information concerning the elements of forestry, the effective marketing of forest products, and of practical tree-planting throughout the State, as the board of trustees shall deem most advantageous to the interests of the State and the advancement of the science of forestry.

4 The planting, raising, cutting and selling of trees and timber at such time, of such species and quantities and in such manner as the board of trustees deems best, with a view of obtaining and imparting knowledge, concerning the scientific management and use of forests, their regulation and administration, and the production, harvesting and reproduction of forest crops and the earning of revenue therefrom.

§ 3 *Management and control of college.* The care, management and control of such college and the property and premises required therefor shall be exercised by a board of twelve¹ trustees. The chairman of the state conservation commission, the Lieutenant Governor, the State Commissioner of Education and the chancellor of Syracuse University, shall be ex-officio members of the board of trustees. The remaining nine members of the board of trustees shall be appointed by the Governor, by and with the advice and consent of the Senate, immediately after this act takes effect and shall be divided into three classes, so that the terms of one-third thereof shall expire on June 30, 1915, and one-third thereof on the thirtieth day of June of each second year thereafter. Successors to such trustees shall be appointed for full terms of six years. In case of any vacancy in the office of any appointive trustee his successor shall be appointed for the unexpired term for which he was appointed. The members of the board of trustees shall serve without compensation, but shall be entitled to their actual necessary expenses incurred in the performance of their duties.

§ 4 *Powers and duties of board of trustees.* The board of trustees of the college shall have the general care, supervision and control thereof, of its officers and its activities, and to carry out its objects and purposes shall have the power:

1 To employ and at pleasure remove members of the faculty, instructors, rangers, superintendents, experts and all necessary clerks and assistants.

2 To adopt rules not inconsistent with law, controlling the affairs of the college.

3 To prescribe the course of instruction and the methods of investigation, research and experiments to be pursued in the college, and the degrees to be conferred on graduation therefrom, and on those taking postgraduate courses therein.

4 To enter into any contract necessary or appropriate for carrying out any of the purposes or objects of the college, including such as shall involve cooperation with any person, corporation or association or any department of the government of the State of New York or of the United States in laboratory, experimental, investigative or research work, and the acceptance from such person, corporation, association or department of the state or federal government of gifts or contribution of money, expert service, labor, materials, apparatus, appliances or other property in connection therewith.

¹ So in original.

5 To establish and conduct an experimental station to be known as "Roosevelt wild life forest experiment station," in which there shall be maintained records of the results of the experiments and investigations made and research work accomplished; also a library of works, publications, papers and data having to do with wild life, together with means for practical illustration and demonstration, which library shall, at all reasonable hours, be open to the public.

6 To report to the Legislature on or before the first day of February a detailed statement of the general operation of the college for the year ending on the thirtieth day of June then next preceding, and from time to time to publish the results of investigations, experiments and researches conducted by the college or under its auspices or in cooperation with it.

§ 5 *Property acquired to belong to the State.* All lands purchased and other property acquired with moneys appropriated by the State for such college of forestry shall be and remain the property of the State. If real property is purchased, the title thereto shall be conveyed to the people of the State of New York, and the sufficiency of such title and the form of conveyance shall be approved by the Attorney General.

§ 6 *Admission to college; disposition of fees and income.* Students who are bona fide residents of the State of New York for one year preceding the date of admission shall be entitled to free tuition in such college. Any moneys received from tuition paid by students not residents of the State of New York and from the sale of products shall be reported and forwarded monthly to the State Treasurer, as required by the state finance law, and may be appropriated toward the maintenance of such college of forestry.

§ 7 *Time of taking effect.* This act shall take effect immediately.

Summaries. In 1919 there were 117 students in attendance on the New York State College of Forestry, Syracuse University.

New York Ophthalmic Hospital. Summaries. In 1919 there were 4 students receiving the degree of O. et A. Chir.

Pratt Institute.

Enrolment for 1918-19

School of Fine and Applied Arts.....	775
School of Household Science and Arts.....	912
School of Science and Technology	2111
School of Library Science	22
Gymnasium	23
Total	3843
Day students	1352
Evening students	2217
Children	274
Total	3843
Students in more than one course.....	367
Total individuals enrolled	3476

EXHIBIT A

HIGHER INSTITUTIONS

TABLE	PAGE
1 Universities, graduate departments, colleges for men, colleges for women	172
2 Colleges for men and women, foreign colleges, theology, education.....	192
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4 Schools of nursing.....	226
5 Librarianship, accountancy, architecture, engineering and technology, music, agriculture, and others.....	236

TABLE

Statistics of universities, graduate departments,

No.	NAME	LOCATION
1		
UNIVERSITIES		
1	Alfred University.....	Alfred.....
2	^a Columbia University.....	New York.....
3	Cornell University.....	Ithaca.....
4	Fordham University.....	Fordham.....
5	New York University.....	New York.....
6	St Lawrence University.....	Canton.....
7	Syracuse University.....	Syracuse.....
8	Union University.....	Schenectady.....
9	University of Buffalo.....	Buffalo.....
2		
GRADUATE DEPARTMENTS		
1	Columbia University, graduate faculties.....	New York.....
2	Cornell University, graduate department.....	Ithaca.....
3	New York University, graduate school.....	New York.....
4	Syracuse University, graduate school.....	Syracuse.....
3		
COLLEGES FOR MEN		
1	Canisius College.....	Buffalo.....
2	Colgate University.....	Hamilton.....
3	^b College of St Francis Xavier.....	Brooklyn.....
4	College of the City of New York.....	New York.....
5	Columbia College.....	New York.....
6	Fordham University, St John's College.....	Fordham.....
7	Hamilton College.....	Clinton.....
8	Hobart College.....	Geneva.....
9	Manhattan College.....	New York.....
10	New York University College.....	New York.....
11	Niagara University, collegiate department.....	Niagara University.....
12	St Bonaventure's College.....	Allegany.....
13	St Francis College.....	Brooklyn.....
14	St John's College.....	Brooklyn.....
15	St Joseph's Seminary and College.....	Yonkers.....
16	St Stephen's College.....	Anandale.....
17	Union College.....	Schenectady.....
4		
COLLEGES FOR WOMEN		
1	Adelphi College.....	Brooklyn.....
2	College of Mount St Vincent.....	New York.....
3	College of New Rochelle.....	New Rochelle..... ^b
4	College of the Sacred Heart.....	New York.....
5	Columbia University, Barnard College.....	New York..... ^a
6	D'Youville College and Academy of the Holy Angels.....	Buffalo.....
7	Elmira College.....	Elmira.....
8	Hunter College of the City of New York.....	New York.....
9	Marymount College.....	Tarrytown.....
10	Russell Sage College.....	Troy.....
11	St Joseph's College for Women.....	Brooklyn.....
12	Skidmore School of Arts.....	Saratoga Springs.....
13	Vassar College.....	Poughkeepsie.....
14	Wells College.....	Aurora.....
15	William Smith College.....	Geneva.....

^a Including Barnard and Teachers College and College of Pharmacy of the City of New York.

^b College closed during year 1918-19. Students joined the students army training corps in other colleges.

I
colleges for men, colleges for women

SENIOR OFFICER OF FACULTY	c Denomination	Years in course	Days of regular instruction	No.
3	4	5	6	
Boothe Colwell Davis Ph.D. D.D. LL.D. (president).....	7B.	d.	172	1
Nicholas Murray Butler Ph.D. Litt.D. LL.D. (president).....	d.	d.	191	2
Jacob Gould Schurman M.A. D.Sc. LL.D. (president).....	d.	d.	207	3
Edward P. Tivnan Ph.D. (president).....	R.C.	d.	d.	4
Elmer Ellsworth Brown Ph.D. LL.D. (chancellor).....	d.	d.	d.	5
[Vacant].....	U.	d.	195	6
James Roscoe Day S.T.D. LL.D. (chancellor).....	M.E.	d.	d.	7
Charles Alexander Richmond D.D. (president).....	d.	d.	d.	8
Charles P. Norton B.A. (chancellor).....	d.	d.	d.	9
Frederick J. E. Woodbridge M.A. LL.D. (dean).....		~	191	1
James Edwin Creighton B.A. Ph.D. LL.D. (dean).....		~	207	2
Thomas W. Edmondson Ph.D. (acting dean).....		~	204	3
William L. Bray Ph.D. (dean).....		~	199	4
Rev. M. J. Ahern (president).....	R.C.	4	174	1
Elmer B. Bryan LL.D. (president) W. H. Crawshaw LL.D. (dean).....	B.	4	202	2
Sidney Edward Mezes Ph.D. LL.D. (president).....		4	171	3
Herbert E. Hawkes Ph.D. (dean).....		4	191	4
Rev. Robert H. Johnson Ph.D. (dean).....	R.C.	4	197	5
Frederick C. Ferry B.A. Ph.D. LL.D. (president).....	P.	4	190	6
Murray Bartlett D.D. (president).....	P.E.	4	209	7
Rev. Brother Jasper (president).....	R.C.	4	200	8
Archibald L. Bouton M.A. (dean).....		4	206	9
Very Rev. William E. Katzenberger (president and dean).....	R.C.	4	166	10
Very Rev. A. M. Hickey (president) Rev. Nicholas J. Reagan (dean).....	R.C.	4	180	11
Brother David (president).....	R.C.	4	175	12
Very Rev. John W. Moore (president) Rev. Edward L. Carey (dean).....	R.C.	4	183	13
Rev. Joseph A. O'Connor (president).....	R.C.	4	190	14
Rev. Bernard I. Bell (president).....	P.E.	4	203	15
Edward Ellery M.A. Ph.D. Sc.D. (dean of faculty) Charles F. F. Garis M.S. (dean of students).....		4	222	16
Frank Dickinson Blodgett M.A. LL.D. (president).....		2-4	171	1
Very Rev. Patrick Joseph Hayes (president).....	R.C.	4	187	2
Very Rev. Joseph F. Mooney (president).....	R.C.	4	174	3
Ruth Burnett (president).....	R.C.	4	160	4
Virginia C. Gildersleeve Ph.D. (dean).....		4	191	5
Sister Mary Ursula (president).....	R.C.	4	160	6
Frederick Lent Ph.D. (president).....	P.	4	145	7
George Samler Davis LL.D. (president).....		4	183	8
Eliza Kellas Ph.B. (president).....		4	205	9
Rev. Thomas E. Molloy Ph.D. (president).....	R.C.	3	166	10
Charles Henry Keyes Ph.D. (president).....		4	216	11
Henry Noble MacCracken Ph.D. L.H.D. LL.D. (president).....		4	163	12
Kerr Duncan Macmillan B.A. B.D. (president).....		4	149	13
Murray Bartlett D.D. (president).....		4	174	14

c 7 B.= Seventh Day Baptists; U.= Universalist; M. E.= Methodist Episcopal; R. C.= Roman Catholic; B.= Baptist; P.= Presbyterian; P. E.= Protestant Episcopal.

d See separate departments.

e Including 60 days given the S. A. T. C.

TABLE I
Statistics of universities, graduate departments,

No.	OFFICERS OF INSTRUCTION					TOTAL FACULTY			BY CLASSES			
	Full professors.	Adjunct, associate and assistant professors	Instructors and tutors	Lecturers	Other assistants on teaching force	Men	Women	Total	Freshman 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year
	7	8	9	10	11	12	13	14	15	16	17	18
1	28	2	11	2	8	35	16	51	73	48	49	26
2	176	168	245	81	163	643	190	833	1 271	1 103	960	697
3	199	137	225	6	187	684	70	754	1 766	1 045	851	692
4	75	23	46	9	23	176	.....	176	324	345	203	92
5	80	80	110	98	28	386	10	396	5 537	701	582	266
6	23	1	13	16	5	52	6	58	188	171	160	47
7	128	63	115	5	19	282	48	330	1 403	682	500	303
8	38	26	68	20	5	156	62	218	699	216	120	55
9	31	29	78	26	45	198	11	209	337	292	107	155
Tot.	778	529	911	263	483	2 612	353	2 965	11 598	4 603	3 532	2 333
1	a.....	a.....	a.....	a.....	a.....	a.....	a.....	a.....	.....	.....	.....	.....
2	199	137	.....	.....	.....	324	12	336	.....	.....	.....	.....
3	31	12	4	2	.....	49	7	49	.....	.....	.....	.....
4	7	1	.....	.....	.....	.....	.....	8	.....	.....	.....	.....
Tot.	237	150	4	2	.....	380	13	393	.....	.....	.....	.....
1	10	5	.....	.....	2	17	.....	17	75	41	19	19
2	27	15	3	2	1	48	.....	48	220	131	65	90
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	19	77	86	.....	.....	b183	.....	b183	1 225	466	357	290
5	86	57	49	18	23	226	7	233	525	381	211	206
6	36	2	.....	5	.....	43	.....	43	142	120	52	29
7	17	6	3	.....	.....	26	.....	26	126	78	49	26
8	17	2	2	.....	2	23	.....	23	44	15	19	17
9	7	3	.....	.....	.....	b11	.....	b11	112	15	10	22
10	52	37	61	45	14	207	2	209	560	76	18	31
11	15	.....	.....	.....	.....	15	.....	15	37	21	17	22
12	29	.....	.....	.....	.....	29	.....	29	280	18	15	22
13	8	5	2	.....	.....	b16	.....	b16	13	11	11	12
14	19	.....	.....	.....	.....	19	.....	19	32	30	17	12
15	3	7	.....	.....	1	b13	.....	b13	46	37	245	260
16	3	6	.....	.....	.....	b10	.....	b10	5	7	5	7
17	15	12	11	6	4	48	.....	48	d562	96	64	42
Tot.	363	234	217	76	47	934	9	943	4 004	1 543	974	907
1	13	4	8	6	.....	b17	b16	b33	148	86	57	94
2	17	7	4	11	6	26	19	45	40	25	23	22
3	13	3	11	1	.....	b14	b16	b30	80	60	55	53
4	9	.....	.....	.....	.....	4	b6	b10	8	8	8	7
5	19	19	21	11	12	38	44	82	234	161	167	102
6	8	3	4	10	2	14	b15	b29	26	22	16	19
7	19	6	4	3	1	10	23	33	107	98	59	57
8	14	37	44	13	26	15	119	134	736	289	314	273
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	8	1	12	.....	.....	1	b21	b22	117	54	35	6
11	6	7	.....	2	.....	6	b10	b16	12	18	12	.....
12	12	8	5	1	2	4	24	28	17	5	11	11
13	29	34	50	1	22	22	114	136	328	299	264	229
14	16	9	15	.....	2	b13	30	b43	114	45	40	35
15	19	3	3	.....	3	22	6	28	24	18	16	18
Tot.	202	141	181	59	76	206	463	669	1 991	1 188	1 077	926

a Including with Liberal Arts. b Including presiding officers of faculty who do not teach.
 c Including 302 men and 5 women entering the five-year course.
 d Including 377 students during the S.A.T.C.

(continued)

colleges for men, colleges for women

NUMBER AND CLASSIFICATION OF STUDENTS													No.
BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION				
B.A.	B.S.	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total		
19	20	21	22	23	24	25	26	27	28	29	30		
f.....	f.....	f.....	117	79	150	44			h259	h122	h381	1	
f.....	f.....	f.....	2 496	1 535	394	948	679	811	h3 548	h3 286	h6 828	2	
f.....	f.....	f.....	3 534	820	48	36	217	69	h3 689	h908	h4 597	3	
f.....	f.....	f.....	956	8	68		23	22	1 047	30	1 077	4	
f.....	f.....	f.....	6 120	966	435	520	183	68	h6 557	h1 489	h8 046	5	
f.....	f.....	f.....	365	201	1	6			h360	h195	h555	6	
f.....	f.....	f.....	1 627	1 261	203	267	49	55	h1 810	h1 486	h3 296	7	
f.....	f.....	f.....	1 057	33	46		15		1 118	33	1 151	8	
f.....	f.....	f.....	799	92	43	213			842	305	1 147	9	
.....	.....	.....	17 071	4 995	1 388	2 034	1 166	1 025	19 230	7 848	27 078	Tot.
.....	.....	.....			76	39	422	352	498	391	889	1
.....	.....	.....					217	69	217	69	286	2
.....	.....	.....			47	44	102	60	102	60	162	3
.....	.....	.....							47	44	91	4
.....	.....	.....			123	83	741	481	864	564	1 428	Tot.
78	76		154		6		2		162		162	1	
168	338		506		27				533		533	2	
.....	.....	.....										3
530	1 559	249	2 338		34		17		2 389		2 389	4	
1 323			1 323		163				1 486		1 486	5	
151	192		343		32		23	22	398	22	420	6	
201	78		279		27		1		307		307	7	
24	71		95						95		95	8	
72	87		159						159		159	9	
685			685		228	319			913	319	1 232	10	
87	10		97						97		97	11	
63		8272	335		1		78		414		414	12	
47			47						47		47	13	
87	4		91		3				94		94	14	
188			188						188		188	15	
23	1		24		8				32		32	16	
39	139	586	764				15		779		779	17	
3 766	2 555	1 107	7 428	.....	529	319	136	22	8 093	341	8 434	Tot.
269	20	96	1	384		12		1	1	397	398	1	
93	17			110		5				115	115	2	
203	45			248		10		3		261	261	3	
.....	31			31						31	31	4	
621	43			664		51				715	715	5	
83				83						83	83	6	
117	204			321				2		323	323	7	
1 612				1 612						1 612	1 612	8	
.....	.....	.....										9
8	204			212						212	212	10	
40	2			42						42	42	11	
.....	44			44		157				201	201	12	
1 120				1 120				3		1 123	1 123	13	
234				234						234	234	14	
40	36			76						76	76	15	
4 440	646	96	1 5 181	.....	.....	235	.....	9	1 5 425	.....	5 426	Tot.

e These classes in philosophy complete the college course in the seminary.

f See separate departments.

g Including 261 students in the S.A.T.C.

h Omitting duplicates.

TABLE I
Statistics of universities, graduate departments,

[illegible]

(continued)

colleges for men, colleges for women

HIGHER DEGREES CONFERRED DURING YEAR								GRADUATED WITHOUT DEGREES		HONORARY DEGREES CONFERRED					No.
ON EXAMINATION						IN COURSE WITHOUT EXAMINA- TION				D.D. or S.T.D.	LL.D.	All others	TOTAL		
M.A.	Ph.D.	M.S.	All others	Men	Women			Men	Women				Men	Women		Men	Women
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	
498	55	16	3	248	321			195	30	1	1	6	2	8	1
23	28	9	10	50	20										2
19	15	2	2	24	12										3
26	9	6	60	76	25			17	28	1	5	1	7	1	4
								9	17	1	6	3	3	1	5
1				15					22	7	1	1	0	1	6
	14			2								6	7		7
567	104	45	77	415	378			230	97	10	14	26	49	1	Tot.
241	52			142	151										1
23	28	9	10	50	20										2
26	9	6		30	11										3
290	89	15	10	222	182										Tot.
4		2		2						3	1	4	8		1
		1		5											2
19	15		2	24	12			67							3
										1					4
															5
8				8				16				6	1	7	6
2					2			6				4		4	7
1		14		15											8
34	15	17	2	54	14	18		89		4	17	9	29	1	Tot.
								1	25						1
2					2							1			2
															3
1					1				19						4
									63						5
3					3		1	107				1		1	Tot.

TABLE I
Statistics of universities, graduate departments,

No.	VOLUMES IN LIBRARY	SUMMARY			
		Grounds	Buildings	Furniture	Apparatus
	62	63	64	65	66
1	32 500	\$30 200 ..	\$325 070 08	\$23 194 52	\$63 051 33
2	732 919	17 850 005 30	3 475 000 ..	698 060 82	1 443 150 20
3	605 526	374 611 45	5 546 120 63	d1 862 736 35	44 000 ..
4	71 950	1 913 000 ..	854 098 ..	29 000 ..	31 300 ..
5	141 196	1 294 949 71	2 375 640 68	d442 108 39	408 336 55
6	25 989	36 000 ..	337 000 ..	15 000 ..	62 660 65
7	103 222	350 000 ..	3 857 156 44	22 392 47	43 724 50
8	56 400	228 000 ..	696 500 ..	30 039 18	
9	27 966	543 250 ..	397 835 78		
Tot.	1 797 668	\$22 620 016 46	\$17 865 321 61	\$3 122 540 73	\$2 096 232 23
a1					
a2					
a3					
a4					
Tot.					
1	50 000	\$100 000 ..	\$250 000 ..		\$38 000 ..
2	88 284	125 000 ..	775 000 ..	\$16 278 ..	10 000 ..
3					
4	70 000	2 560 400 ..	4 082 444 73	404 910 ..	242 257 44
a5					
7	81 743	74 000 ..	648 372 13	10 000 ..	10 000 ..
8	63 832	65 000 ..	349 980 ..	10 000 ..	15 000 ..
9	14 200	360 000 ..	144 000 ..	10 000 ..	7 000 ..
a10					
11	20 400	200 000 ..	250 000 ..	33 000 ..	25 000 ..
12	25 980	23 000 ..	582 000 ..	27 000 ..	10 000 ..
13	6 125	100 650 ..	106 000 ..	14 360 ..	2 700 ..
14	14 500	242 500 ..	532 500 ..	34 500 ..	8 000 ..
15	10 000	700 000 ..	100 000 ..	20 000 ..	2 000 ..
16	23 000	6 000 ..	210 000 ..	5 000 ..	1 500 ..
a17					
Tot.	468 064	\$4 556 550 ..	\$8 030 296 86	\$585 048 ..	\$377 457 44
1	6 975	\$24 000 ..	\$125 739 ..	\$15 000 ..	\$8 860 34
2	13 201	116 666 ..	201 000 ..	7 800 ..	14 225 ..
3	5 000	79 557 ..	375 125 ..	38 000 ..	6 000 ..
4	7 205	962 000 ..	250 000 ..	10 000 ..	2 250 ..
a5					
6	7 345	175 000 ..	260 000 ..	106 400 ..	2 350 ..
7	14 813	70 000 ..	293 754 39	10 000 ..	31 000 ..
8	15 694	1 333 333 ..	6716 667 ..		
9					
10	650	60 000 ..	312 688 34	41 144 18	9 587 50
11	1 500	135 000 ..	125 000 ..	3 000 ..	3 537 38
12	7 240	123 969 69	490 419 05	69 973 03	21 000 ..
13	101 944	103 700 ..	3 201 315 16	126 624 34	119 213 83
14	32 650	10 000 ..	357 329 59		698 254 41
b15					
Tot.	214 217	\$3 193 225 69	\$6 709 037 53	\$427 941 55	\$316 278 46

a Included under university.

b Included under Hobart College.

c Including furniture.

(continued)

colleges for men, colleges for women

OF PROPERTY						No.
Library	Museum	Other property	Total used by institution	Investments	Total property	
67	68	69	70	71	72	
\$28 664 28	\$15 000 ..	.....	\$486 080 21	\$435 755 29	\$921 835 50	1
1 748 663 29	15 000 ..	\$32 500 ..	25 262 388 61	43 051 120 43	68 313 509 04	2
973 142 40	.....	.....	8 756 610 83	16 073 336 09	24 829 046 92	3
110 000 ..	11 000 ..	87 000 ..	3 048 098 ..	82 547 34	3 130 645 34	4
.....	.....	706 240 34	4 818 939 12	1 933 770 12	6 752 709 24	5
20 000 ..	8 000 ..	53 483 50	500 783 50	803 588 33	1 304 371 83	6
203 945 19	.....	30 385 ..	4 849 823 18	2 432 274 04	7 282 098 12	7
40 100 ..	45 150 ..	3 500 ..	1 104 312 12	1 280 927 06	2 385 239 78	8
63 541 23	15 400 ..	12 299 58	1 106 150 27	317 882 83	1 424 033 10	9
\$3 194 056 39	\$109 610 ..	\$925 408 42	\$49 933 185 84	\$66 411 203 03	\$116 344 388 87	Tot.
.....	.....	.....	.....	.....	.....	a1
.....	.....	.....	.....	.....	.....	a2
.....	.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	.....	a4
.....	.....	.....	.....	.....	.....	Tot.
\$60 000 ..	\$30 000 ..	.....	\$478 000 ..	\$30 000 ..	\$508 000 ..	1
78 200 ..	15 000 ..	.....	1 019 478 ..	2 139 027 85	3 158 505 85	2
.....	.....	.....	.....	.....	.....	3
88 480 54	42 500 ..	.....	7 420 992 71	.....	7 420 992 71	4
.....	.....	.....	.....	.....	.....	a5
.....	.....	.....	.....	.....	.....	a6
35 000 ..	50 000 ..	.....	827 372 13	1 524 952 19	2 352 324 32	7
50 000 ..	10 000 ..	\$31 618 32	531 598 32	713 709 94	1 245 308 26	8
8 000 ..	6 000 ..	.....	535 000 ..	104 000 ..	639 000 ..	9
.....	.....	.....	.....	.....	.....	a10
30 000 ..	.....	.....	538 000 ..	.....	538 000 ..	11
15 000 ..	7 000 ..	.....	680 000 ..	.....	680 000 ..	12
12 160 ..	215 ..	.....	236 085 ..	9 700 ..	245 785 ..	13
12 300 ..	3 600 ..	.....	833 400 ..	43 000 ..	876 400 ..	14
5 000 ..	.....	.....	827 000 ..	15 200 ..	842 200 ..	15
20 000 ..	500 ..	.....	243 000 ..	142 594 07	385 594 07	16
.....	.....	.....	.....	.....	.....	a17
\$424 140 54	\$164 815 ..	\$31 618 32	\$14 169 926 16	\$4 722 184 05	\$18 892 110 21	Tot.
\$6 630 05	.....	\$4 001 24	\$184 230 63	\$151 255 50	\$335 486 13	1
15 000 ..	\$18 225 ..	26 347 33	390 263 33	596 000 ..	995 263 33	2
7 500 25	.....	.....	506 182 25	554 401 53	1 060 583 78	3
9 250 ..	10 000 ..	.....	1 243 500 ..	.....	1 243 500 ..	4
.....	.....	.....	.....	.....	.....	a5
7 940 ..	250 ..	.....	551 940 ..	.....	551 940 ..	6
12 000 ..	7 500 ..	2 000 ..	426 254 39	253 057 33	679 311 72	7
e16 667 ..	.....	6 667 ..	2 073 334 ..	.....	2 073 334 ..	8
.....	.....	.....	.....	.....	.....	9
1 686 17	.....	.....	425 106 19	805 200 ..	1 230 306 19	10
2 500 ..	.....	.....	269 037 38	.....	269 037 38	11
12 197 36	.....	23 273 67	740 832 80	318 800 ..	1 059 632 80	12
218 373 64	10 095 50	42 843 84	3 822 166 31	2 821 627 32	6 643 793 63	13
47 892 04	.....	.....	513 476 04	723 979 16	1 237 455 20	14
.....	.....	.....	.....	.....	.....	b15
\$357 636 51	\$46 07 650	\$105 133 08	\$11 155 323 32	\$6 224 320 84	\$17 379 644 16	Tot.

d Including apparatus.

e Including apparatus and museum.

TABLE I

Statistics of universities, graduate departments,

No.	SUMMARY OF PROPERTY (concluded)		Total receipts	GENERAL
	Debts at end of year	Net property		Salaries of president, clerks and office assistants
	73	74	75	76
1	\$30 300 ..	\$801 535 50	\$208 877 79	\$8 204 73
2	4 759 374 77	63 554 134 27	9 097 960 20	200 620 05
3	.....	24 829 946 92	3 842 941 16	150 697 01
4	582 348 35	2 548 296 99	386 744 18	18 012 71
5	3 072 729 59	3 679 979 65	4 567 144 20	72 433 48
6	2 000 ..	1 302 371 83	258 647 91	6 497 ..
7	959 289 81	6 322 808 31	1 197 644 94	.....
8	19 000 ..	2 366 239 78	356 561 39	25 030 11
9	95 921 35	1 328 111 75	356 921 75	17 813 98
Tot.	\$9 520 963 87	\$106 823 425 ..	\$20 273 443 52	\$499 309 07
a1	.....	.....	.....	.....
a2	.....	.....	.....	.....
a3	.....	.....	.....	.....
a4	.....	.....	.....	.....
Tot.	.....	.....	.....	.....
1	\$176 294 04	\$331 705 96	\$54 033 99	.....
2	.....	3 158 505 85	243 874 39	\$12 320 ..
3	.....	.....	.....	.....
4	.....	7 420 992 71	724 001 77	16 710 ..
a5	.....	.....	.....	.....
a6	.....	.....	.....	.....
7	.....	2 352 324 32	374 249 49	10 583 06
8	.....	1 245 308 26	204 769 29	4 355 ..
9	69 294 ..	569 706 ..	40 267 44	.....
a10	.....	.....	.....	.....
11	150 000 ..	388 000 ..	121 583 42	.....
12	30 000 ..	650 000 ..	58 307 69	1 000 ..
13	60 000 ..	185 785 ..	27 771 75	.....
14	169 000 ..	707 400 ..	114 234 50	1 402 ..
15	280 000 ..	562 200 ..	47 009 34	.....
16	60 678 12	324 915 95	61 389 53	.....
a17	.....	.....	.....	.....
Tot.	\$995 266 16	\$17 896 844 05	\$2 071 492 60	\$46 370 06
1	\$64 000 ..	\$271 486 13	\$168 230 03	\$8 400 ..
2	161 099 42	834 163 91	76 901 60	.....
3	197 500 ..	863 083 78	100 969 43	.....
4	.....	1 243 500 ..	18 700 ..	.....
a5	.....	.....	.....	.....
6	.....	551 940 ..	17 270 04	.....
7	.....	679 311 72	158 858 54	6 050 ..
8	.....	2 073 334 ..	400 994 99	18 900 ..
9	.....	.....	.....	.....
10	.....	1 230 306 19	96 827 01	3 600 ..
11	.....	269 037 38	143 401 01	.....
12	157 959 58	901 673 22	260 149 27	11 911 22
13	24 385 01	6 619 408 62	1 793 627 97	26 016 ..
14	37 972 02	1 199 483 18	243 380 90	10 560 84
b15	.....	.....	.....	.....
Tot.	\$642 916 03	\$16 736 728 13	\$3 479 310 79	\$85 438 06

a Included under university.

b Included under Hobart College.

(continued)

colleges for men, colleges for women

CONTROL		EXPENDITURES			No.
		INSTRUCTION			
Other expenses of administration	Total	Salaries for instruction	Prizes and scholarships	Supplies used in instruction	
77	78	79	80	81	
\$732 78	\$8 937 51	\$51 257 38	\$4 049 97	\$2 844 85	1
390 967 51	591 587 56	2 407 350 06	128 220 66	108 567 15	2
116 719 55	267 416 56	1 280 470 35	38 536 42		3
25 453 86	43 466 57	105 040 97	4 257 50	10 640 28	4
43 072 78	115 506 26	468 788 91	7 020 30	32 792 07	5
8 800 ..	15 297 ..	71 417 ..	6 046 ..	3 785 86	6
		350 472 84			7
8 962 90	33 993 01	103 824 35	7 320 42	6 441 79	8
15 233 36	33 047 34	67 729 83	200 ..	14 929 70	9
\$609 942 74	\$1 109 251 81	\$4 906 351 69	\$195 651 27	\$180 001 70	Tot.
					a1
					a2
					a3
					a4
					Tot.
					1
	\$12 320 ..	\$1 183 75			2
		98 980 ..	\$4 704 ..		3
\$10 632 ..	27 342 ..	453 692 27	15 600 ..	\$49 480 20	4
					a5
					a6
3 747 55	14 330 61	47 846 12	8 530 93	709 31	7
1 745 24	6 100 24	41 623 42	1 478 75	2 528 27	8
1 142 20	1 142 20	3 175 ..		1 677 87	9
					a10
				4 880 96	11
1 000 ..	2 000 ..	4 000 ..	500 ..	500 ..	12
450 ..	450 ..	2 700 ..	2 500 ..	350 ..	13
2 152 01	3 554 01	18 632 50	300 ..	1 930 07	14
		17 999 84			15
		16 879 15	2 500 ..		16
					a17
\$20 869 ..	\$67 239 06	\$706 712 05	\$36 113 68	\$62 056 68	Tot.
					1
\$1 250 ..	\$9 650 ..	\$41 700 ..		\$734 32	2
891 32	891 32	10 687 69	\$271 55	524 39	3
492 47	492 47	11 990 19	4 700 ..	500 ..	4
		2 500 ..		500 ..	a5
					6
		7 350 ..			7
2 500 66	8 610 66	40 948 07	10 883 ..	705 43	8
4 654 67	23 554 67	349 450 ..		3 666 66	9
					10
2 522 43	6 122 43	30 045 ..			11
		4 393 71		1 305 38	12
3 440 69	15 357 91	27 122 73	710 ..	2 109 95	13
22 377 35	48 393 35	208 170 ..	26 650 ..	19 302 74	14
2 757 09	13 317 93	50 685 61		1 561 10	15
					b15
\$40 952 68	\$126 390 74	\$785 043 ..	\$43 214 55	\$30 909 97	Tot.

TABLE I

Statistics of universities, graduate departments,

No.	EXPENDITURES			
	INSTRUCTION (<i>concluded</i>)		Wages of janitor and other employees	Fuel
	Other expenses of instruction	Total		
	82	83	84	85
1		\$58 152 20	\$10 384 22	\$7 879 88
2	\$312 327 76	2 956 465 63	188 896 68	142 231 15
3	894 719 21	2 213 725 98	57 803 88	124 664 41
4	855 68	120 794 43	22 205 10	8 203 08
5	9 763 03	518 364 31	70 696 82	28 319 81
6		81 248 86	12 660 ..	6 237 73
7		350 472 84		
8	3 964 19	121 550 75	10 557 78	21 388 17
9	12 912 14	95 771 67	15 301 38	4 253 34
Tot.	\$1 234 542 01	\$6 316 546 67	\$388 505 86	\$343 177 57
a1				
a2				
a3				
a4				
Tot.				
1		\$1 183 75	\$3 493 73	\$1 721 67
2	\$5 457 36	109 141 36	8 010 ..	8 787 86
3				
4	18 599 75	537 372 22	51 616 26	48 029 ..
a5				
a6				
7	20 03	57 106 39	4 919 57	6 272 85
8	1 363 04	46 993 48	2 550 ..	10 064 71
9	1 334 39	6 187 26	2 728 26	564 ..
a10				
11		4 880 96	15 846 73	
12		5 000 ..	2 000 ..	
13	480 ..	6 030 ..	800 ..	400 ..
14		20 862 57	2 741 20	1 899 97
15		17 999 84	1 670 ..	
16	304 17	19 683 32	5 889 29	
a17				
Tot.	\$27 558 74	\$832 441 15	\$102 265 04	\$77 740 06
1		\$42 434 32	\$6 276 90	
2	\$246 32	11 729 95	750 ..	\$2 500 ..
3	678 22	17 868 41	5 092 65	4 781 85
4		3 000 ..	1 052 ..	2 037 ..
a5				
6		7 350 ..	2 744 25	590 14
7	887 60	53 424 10	14 663 12	5 593 30
8	b10 056 66	363 173 32	6 667 ..	
9				
10		30 045 ..	10 051 14	5 000 18
11	432 12	6 131 21	1 159 82	917 30
12		29 942 68	11 472 78	6 500 ..
13	2 619 87	256 742 61	36 192 41	81 575 12
14	2 471 32	54 718 03	19 774 83	1 768 18
d15				
Tot.	\$17 392 11	\$876 559 63	\$115 896 90	\$111 263 07

a Included under university.

b Including supplies of all kinds.

c Including fuel.

(continued)

colleges for men, colleges for women

(continued)

OPERATION OF COLLEGE PLANT				No.
Water light and power	Janitor's supplies	Other expenses of operation of plant	Total	
86	87	88	89	
\$1 331 34	\$500 56	\$21 692 35	\$41 788 35	1
26 380 10	19 800 70	54 721 78	432 030 41	2
27 368 39	4 700 81	98 813 30	313 350 79	3
2 388 24	4 703 51	200 ..	35 099 93	4
2 345 18	26 425 12	74 839 11	202 626 04	5
2 624 49	150 ..	20 606 09	40 278 31	6
b71 405 50	427 34	1 515 99	71 405 56	7
2 847 11	954 05	774 46	36 736 39	8
2 311 06			23 595 19	9
\$137 002 37	\$53 671 09	\$273 163 08	\$1 195 519 97	Tot.
				a1
				a2
				a3
				a4
				Tot.
			\$5 215 40	1
			17 717 51	2
\$919 65				3
	\$5 611 50	\$1 538 25	100 795 01	4
				a5
				a6
743 30	534 20		12 470 01	7
2 104 04	75 ..	1 173 80	15 068 15	8
417 93	195 59		3 905 78	9
				a10
0 422 64		2 573 42	27 842 79	11
b5 517 50	500 ..	150 ..	8 167 50	12
1 150 ..	200 ..		2 550 ..	13
1 170 30	467 59	418 70	6 697 76	14
1 060 90	567 30	1 204 ..	4 502 20	15
b6 159 20		2 834 14	14 882 63	16
				a17
\$28 666 15	\$8 151 18	\$9 892 31	\$226 714 74	Tot.
c\$1 955 60	\$1 526 15	\$2 739 21	\$12 497 86	1
		670 ..	3 920 ..	2
2 475 10	450 ..	1 003 30	13 802 90	3
413 ..	342 ..		3 844 ..	4
				a5
156 18			3 490 57	6
1 857 93	254 14	1 901 09	24 269 58	7
			6 667 ..	8
				9
1 565 37			10 616 69	10
113 74	144 19		2 335 05	11
4 918 21			22 800 99	12
	4 293 74	2 185 33	124 246 60	13
9 240 94	30 63	50 469 34	81 289 92	14
				d15
\$22 696 07	\$7 046 85	\$58 968 27	\$315 871 16	Tot.

dIncluded under Hobart College.

TABLE I
Statistics of universities, graduate departments,

No.	EXPENDITURES					
	MAINTENANCE OF COLLEGE PLANT				Libraries	Repair and replacement of books
	Repair of buildings and upkeep of grounds	Repair and replacement of equipment	Other expenses of maintenance of school plant	Total		
	90	91	92	93	94	95
1	\$2 987 80	\$923 26		\$3 911 15	\$960 55	
2	125 680 80	9 845 46	\$26 255 01	161 781 27	116 180 29	\$11 840 09
3	67 841 68	21 936 06		89 777 74	50 101 87	
4	5 793 87	10 737 17	2 262 45	18 793 49	1 850 13	750 ..
5					1 387 14	
6	1 602 30			1 602 30	690 16	118 24
7			150 444 68	150 444 68		
8	17 749 37	6 102 40	1 549 22	25 400 99	1 995 ..	553 38
9	1 907 43	996 77	5 452 55	8 350 75		780 82
Tot.	\$223 563 34	\$50 541 12	\$185 963 91	\$460 068 37	\$173 165 14	\$14 043 13
a1						
a2						
a3						
a4						
Tot.						
b1						
1			\$45 922 76	\$45 922 76	\$500 ..	
2	\$7 022 01		50 884 91	63 906 92	7 347 04	\$377 25
3						
4	15 995 77	\$9 869 89		25 865 66	3 040 ..	600 ..
a5						
a6						
7	5 032 32			5 032 32	8 177 82	
8	4 450 53			4 450 53	500 ..	4 322 64
9	1 522 75	232 11		1 754 86		
a10						
11	19 598 11		4 130 ..	23 728 11		
12	600 ..	995 90		1 595 90		
13	1 500 ..	500 ..		2 000 ..	50 ..	25 ..
14	1 085 85	842 12		1 927 97		107 88
15	637 64		5 125 ..	5 762 64		
16	2 898 47			2 898 47	108 16	
a17						
Tot.	\$60 343 45	\$12 440 02	\$112 062 67	\$184 846 14	\$19 723 02	\$5 432 77
1	\$1 470 01			\$1 470 01	\$258 87	
2		\$288 33	\$1 460 14	1 748 47	210 ..	
3	11 180 52		423 24	11 603 76		
4	1 746 ..		777 ..	2 523 ..		
a5						
6	975 ..	545 12		1 520 12	275 ..	\$185 40
7			3 800 26	3 800 26		
8			b7 600 ..	7 600 ..		
9						
a10					454 25	
11	526 64	2 840 71		3 367 65		
12	3 005 50	1 340 88		4 346 38	125 35	
13	51 609 57			51 609 57	12 320 ..	1 311 98
14	10 729 18		7 149 48	17 878 66	3 115 35	1 755 44
a15						
Tot.	\$81 242 72	\$5 015 04	\$21 210 12	\$107 467 88	\$16 758 82	\$3 252 82

a Including under university. b Including equipment of all kinds.
c Including repair and replacement of books. d Including expenses of boarding pupils.

(continued)

colleges for men, colleges for women

(continued)

AUXILIARY AGENCIES AND SUNDRY ACTIVITIES

						No.
New books (capital outlay)	Expenses of boarding pupils	Expenses of boarding and caring for teachers	Recreation	Other auxiliary agencies and sundry activities	Total:	
96	97	98	99	100	101	
.....	\$8 312 65	.....	.....	\$9 666 06	\$18 939 26	1
\$13 781 35	4 807 09	.....	.....	969 361 14	1 115 970 56	2
.....	438 478 45	.....	.....	.....	488 580 32	3
515 50	.....	\$59 425 69	\$718 11	19 081 22	82 340 65	4
6 775 45	.....	.....	.....	.....	8 162 59	5
.....	.....	.....	.....	.....	808 40	6
.....	.....	.....	.....	.....	.....	7
1 576 50	.....	.....	850	1 801 24	6 776 12	8
1 644 82	.....	.....	1 931 39	22 001 59	27 258 62	9
\$24 293 62	\$451 598 19	\$59 425 69	\$3 499 50	\$1 022 811 25	\$1 748 836 52	Tot.
.....	.....	.....	.....	.....	.....	a1
.....	.....	.....	.....	.....	.....	a2
.....	.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	.....	a4
.....	.....	.....	.....	.....	.....	Tot.
.....	.....	.....	.....	.....	\$500 ..	1
\$3 820 26	.....	.....	.....	.....	11 544 55	2
.....	.....	.....	.....	.....	.....	3
2 353 84	.....	.....	.....	.....	5 993 84	4
.....	.....	.....	.....	.....	.....	a5
.....	.....	.....	.....	.....	.....	a6
.....	\$25 949 72	.....	\$6 139 72	\$457 50	40 724 76	7
.....	18 124 45	.....	1 986 76	28 550 85	53 484 70	8
57 61	10 802 53	\$6 789 03	210 98	429 89	18 290 04	9
.....	.....	.....	.....	.....	.....	a10
.....	.....	.....	.....	.....	56 439 76	11
.....	.....	.....	.....	.....	27 129 89	12
.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	2 075 ..	14
.....	.....	.....	.....	.....	42 720 72	15
.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	5 847 57	a17
\$7 541 90	\$116 932 13	\$74 879 33	\$8 337 46	\$31 904 22	\$264 750 83	Tot.
.....	.....	.....	.....	.....	\$258 87	1
\$443 94	\$16 495 ..	.....	\$102 97	\$9 104 20	26 356 11	2
200 ..	26 777 51	\$9 259 12	.....	.....	36 236 63	3
800 ..	5 711 ..	1 000 ..	.....	1 580 ..	9 091 ..	4
.....	.....	.....	.....	.....	.....	a5
.....	.....	.....	.....	.....	2 921 15	6
.....	.....	.....	.....	.....	23 547 71	7
.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	14 552 09	10
.....	.....	.....	.....	.....	500 10	11
.....	.....	.....	.....	.....	46 156 37	12
.....	.....	.....	.....	.....	340 040 46	13
.....	.....	.....	.....	.....	7 400 21	14
.....	.....	.....	.....	.....	.....	a15
\$14 226 82	\$105 941 87	\$304 208 63	\$673 08	\$61 998 66	\$507 060 70	Tot.

eIncluded under Hobart College.

TABLE I
Statistics of universities, graduate departments,

No.	EXPENDITURES				
	FIXED CHARGES				
	Rent	Insurance	Taxes	Contributions and contingencies	Total
	102	103	104	105	106
1		\$712 04	\$76 ..		\$788 04
2	\$8 191 65	34 406 50	1 181 58	\$18 711 83	62 491 56
3		8 500 ..			8 500 ..
4	12 500 ..	4 728 13	12 70	1 134 40	18 375 23
5	12 575 43	3 076 55	1 915 70		17 567 68
6	4 100 ..	1 340 34	281 06		5 721 40
7					
8	1 250 ..	1 771 84	110 48	5 104 59	8 236 91
9	7 821 78	726 ..		185 54	8 733 32
Tot.	\$46 438 86	\$55 261 40	\$3 577 52	\$25 136 36	\$130 414 14
a1					
a2					
a3					
a4					
Tot.					
1		\$125 ..			\$125 ..
2		2 648 24	\$708 54		3 356 78
3					
4					
a5					
a6					
7		6 239 73	1 203 28	\$12 669 34	20 112 35
8		938 04	419 63	4 108 83	5 466 50
9		332 99		1 231 67	1 564 66
a10					
11		1 171 80			1 171 80
12		1 465 ..	40 47		1 505 47
13		500 ..	100 ..	300 ..	900 ..
14	\$6 250 ..	138 59			6 388 59
15					
16		60 15		1 238 39	1 298 54
a17					
Tot.	\$6 250 ..	\$13 619 54	\$2 471 92	\$19 548 23	\$41 889 69
1		\$761 37			\$761 37
2		388 75		\$3 640 08	4 028 83
3		1 262 80		425 04	1 688 50
4		242 ..			242 ..
a5					
6	\$350 ..	282 ..	\$256 20		888 20
7		844 20	147 30		991 50
8					
9					
10		632 95	231 09		864 04
11					
12	1 774 41	1 242 66		50 ..	3 067 07
13		11 451 23	513 69		11 964 92
14	545 83	2 877 16	689 03		4 112 02
b15					
Tot.	\$2 670 24	\$19 985 18	\$1 837 31	\$4 115 72	\$28 608 45

a Included under university.

b Included under Hobart College.

(continued)

colleges for men, colleges for women

(continued)

DEBT SERVICE						No.
Redemption of bonds or mortgages	Redemption of short term loans	Payment of interest on bonds or mortgages	Payment of interest on short term loans	Refunds (tuition and board or room rent)	Total	
107	108	109	110	111	112	
.....	\$21 025 ..	\$510 ..	\$1 263 46	\$122 90	\$22 921 36	1
.....	597 556 34	161 110 67	22 311 81	2 253 30	783 232 12	2
.....	.....	.....	.....	.....	.....	3
\$11 000 ..	.....	22 200 09	.....	4 507 86	37 707 95	4
.....	.....	.....	21 344 92	.....	21 344 92	5
.....	.....	100 ..	.....	471 ..	571 ..	6
400 000 ..	.....	.....	.....	.....	400 000 ..	7
.....	2 750 ..	1 010 ..	189 33	2 819 26	6 768 59	8
.....	4 000 ..	2 638 20	705 54	23 395 30	30 739 04	9
\$411 000 ..	\$625 331 34	\$187 568 96	\$45 815 06	\$33 569 62	\$1 303 284 98	Tot.
.....	.....	.....	.....	.....	.....	a1
.....	.....	.....	.....	.....	.....	a2
.....	.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	.....	a4
.....	.....	.....	.....	.....	.....	Tot.
.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	a5
.....	.....	.....	.....	.....	.....	a6
.....	.....	.....	\$2 516 72	.....	\$2 516 72	7
.....	.....	.....	86 58	.....	12 356 42	8
.....	\$11 000 ..	.....	1 203 87	\$1 269 84	2 313 87	9
.....	500 ..	.....	.....	610 ..	.....	a10
.....	.....	\$7 520 ..	.....	.....	7 520 ..	11
.....	.....	.....	1 471 64	1 200 ..	2 671 64	12
.....	.....	1 170 ..	.....	.....	1 170 ..	13
\$7 000 ..	10 000 ..	7 924 99	297 22	.....	25 222 21	14
.....	.....	12 825 ..	.....	.....	12 825 ..	15
.....	11 000 ..	.....	732 44	.....	11 732 44	16
.....	.....	.....	.....	.....	.....	a17
\$7 000 ..	\$32 500 ..	\$29 439 99	\$6 308 47	\$3 079 84	\$78 328 30	Tot.
.....	.....	.....	.....	.....	.....	1
.....	.....	.....	\$6 167 93	.....	\$6 167 93	2
\$5 000 ..	.....	\$6 053 47	.....	\$115 ..	11 168 47	3
.....	.....	10 945 43	.....	1 042 95	11 988 38	4
.....	.....	.....	.....	.....	.....	a5
.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	11
.....	\$67 ..	.....	.....	.....	67 ..	12
.....	16 500 ..	1 265 ..	1 328 64	.....	19 093 64	13
.....	450 000 ..	.....	19 000 77	11 028 07	480 028 84	14
.....	.....	120 ..	492 89	7 312 99	7 925 88	a15
\$5 000 ..	\$466 567 ..	\$18 383 90	\$26 990 23	\$19 499 01	\$536 440 14	Tot.

TABLE 1
Statistics of universities, graduate departments,

No.	EXPENDITURES				
	CAPITAL OUTLAY				
	Land	New buildings	Alterations of old buildings	Equipment	Total
	113	114	115	116	117
1		\$11 343 51			\$11 343 51
2		67 304 40			67 304 40
3		18 282 60		\$3 243 72	21 526 32
4					
5				3 592 75	3 592 75
6					
7		6156 075 64			156 075 64
8					
9		3 650		6 405 55	10 055 55
Tot.		\$256 656 15		\$13 242 02	\$269 898 17
a1					
a2					
a3					
a4					
Tot.					
1					
2					
3					
4					
a5					
a6	\$4 000		\$1 411 03		\$5 411 03
7					
8					
9					
a10					
11			28 500		8 500
12					
13			5 228 71	\$1 260 59	6 489 30
14					
15					
16					
a17					
Tot.	\$4 000		\$15 139 74	\$1 260 59	\$20 400 33
					0
1					
2					
3				\$3 000	\$3 000
4					
a5					
6					
7		\$930 14		1 189 76	2 119 90
8					
9					
10			\$9 634 52	18 830 83	28 465 35
11	\$81 000	50 000			131 000
12	49 169 25	61 598 46		6 139 20	116 906 91
13			178 529 71	1 433 60	179 963 31
14	7 394 33		3 128 50	5 443 78	15 876 61
d15					
Tot.	\$137 473 58	\$112 528 60	\$191 292 73	\$36 037 17	\$477 332 08

c Including equipment.

b Including land.

c Including equipment.

d Included under

(concluded)

colleges for men, colleges for women

(concluded)

Amount invested	Total payments	Balance	Total payments and balance	No.
118	119	120	121	
\$35 156 71	\$201 938 09	\$6 939 70	\$208 877 79	1
2 326 592 36	8 497 464 87	600 495 33	9 097 960 20	2
.....	3 402 877 71	440 003 45	3 842 941 16	3
.....	355 178 25	31 505 93	386 744 18	4
.....	887 164 55	3 079 979 65	4 567 114 20	5
68 541 78	214 069 05	44 578 86	258 647 91	6
23 771 72	1 152 170 44	45 474 50	1 197 644 94	7
14 931 51	254 394 27	102 167 12	356 561 39	8
54 164 01	291 721 49	65 200 26	356 921 75	9
\$2 523 158 09	\$15 256 978 72	\$5 016 464 80	\$20 273 443 52	Tot.
.....	.....	.....	.....	a1
.....	.....	.....	.....	a2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	.....	.....	.....	Tot.
.....	\$52 946 91	\$1 087 08	\$54 033 99	1
.....	217 987 12	25 887 27	243 874 39	2
.....	703 368 73	20 633 04	724 001 77	3
.....	.....	.....	.....	4
.....	.....	.....	.....	a5
.....	.....	.....	.....	a6
\$166 575 47	324 279 66	49 909 83	374 249 49	7
50 044 45	200 864 47	3 904 82	204 769 29	8
.....	35 158 67	5 108 77	40 267 44	9
.....	.....	.....	.....	a10
.....	121 583 42	.....	121 583 42	11
.....	56 570 40	1 737 29	58 307 69	12
.....	15 175 ..	12 596 75	27 771 75	13
.....	113 863 13	371 37	114 234 50	14
.....	41 089 68	5 919 66	47 009 34	15
.....	56 342 97	5 046 56	61 389 53	16
.....	.....	.....	.....	a17
\$222 619 92	\$1 939 230 16	\$132 262 44	\$2 071 492 60	Tot.
.....
\$93 762 32	\$167 002 68	\$1 227 35	\$168 230 03	1
10 000 ..	69 843 15	7 058 45	76 901 60	2
.....	96 681 05	4 288 38	100 969 43	3
.....	18 700 ..	.....	18 700 ..	4
.....	.....	.....	.....	a5
.....	16 170 04	1 100 ..	17 270 04	6
.....	116 763 71	42 094 83	158 858 54	7
.....	400 994 99	.....	400 994 99	8
.....	.....	.....	.....	9
.....	96 665 60	161 41	96 827 01	10
.....	143 401 01	.....	143 401 01	11
.....	257 761 95	2 387 32	260 149 27	12
235 523 86	1 728 513 52	65 114 45	1 793 627 97	13
40 235 24	242 754 50	626 40	243 380 90	14
.....	.....	.....	.....	a15
\$379 521 42	\$3 355 252 20	\$124 058 59	\$3 479 310 79	To .

Hobart College.

TABLE
Statistics of colleges for men and women,

No.	NAME	LOCATION
I		
COLLEGES FOR MEN AND WOMEN		
1	Alfred University, college of liberal arts.....	Alfred.....
2	Cornell University, college of arts and sciences.....	Ithaca.....
3	St Lawrence University, college of letters and science.....	Canton.....
4	Syracuse University, college of liberal arts.....	Syracuse.....
5	University of Buffalo.....	Buffalo.....
6	University of Rochester.....	Rochester.....
FOREIGN COLLEGES		
1	aCanton Christian College.....	Canton, China.....
2	Fukien Christian University.....	Foochow, China.....
3	bMackenzie College.....	Sao Paulo, Brazil.....
4	Pekin Union Medical College.....	Pekin, China.....
5	Pekin University.....	Pekin, China.....
6	Robert College of Constantinople.....	Constantinople, Turkey.....
7	aSyrian Protestant College.....	Beirut, Syria.....
8	aUniversity of Nanking.....	Nanking, China.....
THEOLOGY		
1	Alfred University, Alfred Theological Seminary.....	Alfred.....
2	Auburn Theological Seminary.....	Auburn.....
3	Colgate University, Hamilton Theological Seminary.....	Hamilton.....
4	General Theological Seminary of the P. E. Church.....	New York.....
5	Hartwick Seminary, theological department.....	Hartwick Seminary.....
6	Jewish Theological Seminary of America.....	New York.....
7	Martin Luther Seminary.....	Buffalo.....
8	Niagara University, Seminary of Our Lady of Angels.....	Niagara University.....
9	Rochester Theological Seminary.....	Rochester.....
10	St B. nard's Seminary.....	Rochester.....
11	St Bonaventure's College, theological dep't.....	Allegany.....
12	St John's College, theological dep't.....	Brooklyn.....
13	St Joseph's Seminary and College.....	Yonkers.....
14	St Lawrence University, Canton Theological School.....	Canton.....
15	Union Theological Seminary.....	New York.....
EDUCATION		
1	Columbia University, Teachers College.....	New York.....
2	New York State College for Teachers.....	Albany.....
3	New York University, School of Pedagogy.....	New York.....
4	Syracuse University, Teachers College.....	Syracuse.....

a No report.

Report for year ending December 1918.

2

foreign colleges, theology, education

SENIOR OFFICER OF FACULTY	c Denomination	Years in course	Days of regular instruction	No.
3	4	5	6	
Alpheus Burdick Kenyon D.Sc. (dean).....	7B.	4	172	1
Frank Thilly B.A. Ph.D. LL.D. (dean).....		4	207	2
Edwin Lee Hulett M.A. (dean).....		4	195	3
Henry A. Peck Ph.D. (dean).....	M.E.	4	199	4
Julian Park Ph.D. (dean).....		3	189	5
Rush Rhees D.D. LL.D. (president).....	B.	4	210	6
.....				
Edwin C. Jones (president).....		4	200	1
William Alfred Waddell (president).....		4	182	2
Frederick C. McLean (director).....		3	?	3
J. L. Stuart (president).....		4	171	4
Caleb Frank Gates D.D. LL.D. (president).....		4	157	5
.....				6
.....				7
.....				8
Arthur Elwin Main M.A. L.H.D. D.D. (dean).....	7B.	3	172	1
George Black Stewart D.D. LL.D. (president).....	P.	3	147	2
John Frederick Vichert D.D. (dean).....	B.	3	202	3
Hughell E. W. Fosbrooke D.D. (dean).....	P.E.	3	165	4
Alfred Hiller D.D. (chairman).....	L.	3	176	5
Cyrus Adler Ph.D. (acting president).....	He.	3	147	6
Rev. Rudolph F. W. Grabau (president).....	L.	3	156	7
Very Rev. Wm. E. Katzenberger (dean).....	R.C.	3	166	8
Clarence Augustus Barbour D.D. (president).....	B.	3	170	9
James J. Hartley D.D. (rector).....	R.C.	3	202	10
Very Rev. Benvenutus Ryan (dean).....	R.C.	4	180	11
Rev. Charles J. Gorman (dean).....	R.C.	4	183	12
Very Rev. John P. Chidwick D.D. (president).....	R.C.	4	169	13
Rev. John Murray Atwood D.D. (dean).....	U.	4	195	14
Arthur C. McGiffert Ph.D. D.D. LL.D. (president).....	P.	3	178	15
James Earl Russell Ph.D. LL.D. (dean).....		d	191	1
Abraham R. Brubacher Ph.D. (president).....		4	208	2
Thomas M. Balliet Ph.D. (dean).....		2-3	200	3
Albert S. Hurst (acting dean).....	M.E.	4	199	4

c 7 B.=Seventh Day Baptist; B.=Baptist; U.=Universalist; M.E.=Methodist Episcopal; P.=Presbyterian; P.E.=Protestant Episcopal; L.=Lutheran; He.=Hebrew; R.C.=Roman Catholic.

d Courses vary in length.

TABLE 2
Statistics of colleges for men and women,

No.	OFFICERS OF INSTRUCTION					TOTAL FACULTY			BY CLASSES			
	Full professors	Adjunct, associate and assistant professors	Instructors and tutors	Lecturers	Other assistants on teaching force	Men	Women	Total	Freshman 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year
	7	8	9	10	11	12	13	14	15	16	17	18
1	13		5		6	14	10	24	21	21	23	18
2	60	40	50	2	88	221	19	240	513	360	306	278
3	9	1	3			12	1	13	101	53	52	46
4	48	25	27	1	12	92	21	113	706	387	290	183
5	5	2	10	5	1	19	4	23	92	53	6	
6	19	15	6	2	6	43	5	48	255	113	93	68
Tot.	154	83	101	10	113	401	60	461	1 688	987	770	593
1												
2	9		3		3	a17		a17	53	38	24	17
3	5	8	1	1		a18		a18	57	58	39	20
4	18	4	17		12	38	3	41	6	5		
5	11	2	2	2	3	24	3	27	42	40	25	1
6		7	52		16	75	11	86	55	37	28	25
7												
8												
Tot.	51	21	77	4	34	172	17	189	213	184	121	63
1	2			2		4		4	1	1	1	
2	8	3	1	1		13		13	14	10	19	2
3	9		4	5		16		16	8	9	3	
4	10		4	2		a17		a17	10	12	11	
5	2	2				4		4	2	2	4	
6	6		3	3	1	a14		a14	33	18	19	13
7	2		2			4		4				
8	9					9		9	97			
9	13	2				15		15	25	18	29	
10	13			1	1	15		15	56	52	32	690
11	10					10		10	31	22	18	7
12	7					7		7	8	19	15	15
13	13					13		13	55	54	51	3
14	3		4	4		7		7	6		4	1
15	18	5	4	4	4	35		35	33	35	35	
Tot.	125	12	18	20	6	183		183	379	252	241	131
1	28	36	74	44	39	91	130	221	c130	c132	c262	c251
2	17	9	35	2	11	a37	38	a75	164	138	160	153
3	5			7		11		12				
4	5	4	5		1	3	12	15	21	30	22	15
Tot.	55	49	114	53	51	142	181	323	315	300	444	419

a Including presiding officers of faculty who do not teach.

b Including 7 men and 1 woman entering the five-year course.

c Practical arts course. d Including 32 fifth year and 25 sixth year students.

(continued)

foreign colleges, theology, education

NUMBER AND CLASSIFICATION OF STUDENTS													No.
BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION				
B.A.	B.S.	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total		
19	20	21	22	23	24	25	26	27	28	29	30		
45	35	3	32	51	97	18			129	69	198	1	
I 457			975	482	5	8			980	490	I 470	2	
66	186		136	116	1	1			137	117	254	3	
I 095	323	148	698	868	72	64			770	932	I 702	4	
7	144		118	33	43	213			161	246	497	5	
285	244		285	244	82	22	3	2	370	268	638	6	
2 955	932	151	2 244	I 794	300	326	3	2	2 547	2 122	4 669	Tot.	
13			132		37				8120		8120	I	
	158		173	I					173	I	174	2	
		16	16		I				17		17	4	
88		26	114		I				115		115	5	
41	104		145				34		179		179	6	
												7	
												8	
261	262	58	580	I	39		34		604	I	605	Tot.	
B.D.													
Men | Women													
2	I		2	I	8	I			10	2	12	I	
45			45						45		45	2	
20			20		6		8		34		34	3	
33			33		21				54		54	4	
8			8						8		8	5	
83			83		21				104		104	6	
					8				8		8	7	
e97			97						97		97	8	
e72			72		4		8		84		84	9	
236			230						230		230	10	
e78			78						78		78	11	
e77			57		31				88		88	12	
e163			163						163		163	13	
9	2		9	2					9	2	11	14	
f99	fa		99	4	77	43	3		179	47	226	15	
996	7		996	7	176	44	19		I 191	51	I 242	Tot.	
Pd.B. | B.S.													
	775		22	753	47	841	241	459	310	2 053	2 363	I	
		615	65	550	21	39	3	8	89	597	686	2	
65		23	2	86	55	113	I		55	113	168	3	
									2	87	89	4	
65	775	638	89	I 389	123	994	244	467	456	2 850	3 306	Tot.	

e Not working for a degree.

f Only 25 working for degree.

g Excluding duplicates.

TABLE 2
Statistics of colleges for men and women,

DEGREES CONFERRED ON COMPLETION OF COURSE																
No.	B.A.	Ph.B.	B.S.	B.D.	Pd.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	E.E.	Other degrees	TOTAL	
															Men	Women
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
1	12		5												6	11
2	188													23	113	98
3	25		25												25	25
4	173		43											7	64	159
5																
6	56		22												25	53
Tot.	454		95											30	233	346
1																
2	5														5	
3			13												13	
4																
5	1			5											6	
6	11		14								2			4	31	
7																
8																
Tot.	17		27	5							2			4	55	
1				1											1	
2				9											9	
3																
4				13											13	
5				2											2	
6																
7																
8																
9																
10		6		2											8	
11																
12																
13	a24														24	
14																
15				13											11	2
Tot.	24	6		40											68	2
1			330												15	315
2	78		80												16	142
3																
4			9		7									3	1	18
Tot.	78		419		7									3	32	475

a Including degrees given at the college.

b Conferred by the University of the State of New York on students recommended by faculty.

TABLE 2
Statistics of colleges for men and women,

No.	VOLUMES IN LIBRARY	SUMMARY			
		Grounds	Buildings	Furniture	Apparatus
	62	63	64	65	66
a1					
a2					
a3					
a4					
a5					
6	78 000	\$362 995 77	\$999 297 43	\$11 418 10	\$57 316 32
Tot.	78 000	\$362 995 77	\$999 297 43	\$11 418 10	\$57 316 32
1					
2	400	\$27 000		\$800	\$200
3	4 202	450 750 60	\$232 750	18 500	13 000
4	10 000				
5	3 000	176 716 47	15 750 88	1 135	
6	17 270	290 235 79	740 722 40	46 574	43 953 89
7					
8					
Tot.	34 872	\$944 702 86	\$989 223 28	\$67 009	\$57 153 89
a1					
2	39 015	\$45 000	\$310 000	\$10 000	
a3					
4	64 403	900 000	1 018 349 76	4 183 40	
5	3 508	1 000	10 000	50	\$100
6	57 077		125 000	29 351 50	
7	1 600	7 000	2 500	1 000	
a8					
9	46 009	70 200	242 165 15	22 203 19	
10	19 000	40 000	400 000	448 000	
b11					
b12					
13	40 000	139 000	1 090 000	40 600	4 000
a14					
15	141 602		393 660 35		
Tot.	412 214	\$1 202 200	\$3 591 675 26	\$154 788 09	\$4 100
a1					
2	4 914	\$100 000	\$420 000	\$10 000	\$25 000
a3					
a4					
Tot.	4 914	\$100 000	\$420 000	\$10 000	\$25 000

a Included under university.

b Included under college.

c Including grounds.

d Including apparatus and library.

(continued)

foreign colleges, theology, education

OF PROPERTY						No.
Library	Museum	Other property	Total used by institution	Investments	Total property	
67	68	69	70	71	72	
.....	a1
.....	a2
.....	a3
.....	a4
.....	a5
\$123 573 71	\$84 012 57	\$409 000 ..	\$2 047 613 90	\$2 538 954 82	\$4 586 568 72	6
\$123 573 71	\$84 012 57	\$409 000 ..	\$2 047 613 90	\$2 538 954 82	\$4 586 568 72	Tot.
.....	I
.....	2
\$800	\$100 ..	.....	\$28 900 ..	.....	\$28 900 ..	3
6 000	7 250 ..	.....	728 250 60	.....	728 250 60	4
.....	5
.....	6
11 066	10 661 20	\$22 531 92	193 602 35	\$1 682 303 30	193 602 35	7
.....	1 165 745 20	.....	2 848 048 50	8
.....	Tot.
\$17 866 ..	\$18 011 20	\$22 531 92	\$2 116 498 15	\$1 682 303 30	\$3 798 801 45	
.....	a1
\$35 000	\$400 000 ..	\$1 007 648 40	\$1 407 648 40	2
.....	a3
163 083 99	2 085 617 15	2 609 045 51	4 694 662 66	4
3 627	14 777 ..	6 375 ..	21 152 ..	5
55 000	209 351 50	761 019 06	970 370 56	6
1 000	11 500 ..	.....	11 500 ..	7
.....	a8
111 553 79	\$1 306 33	447 428 46	1 855 278 12	2 302 706 58	9
.....	488 000 ..	150 000 ..	638 000 ..	10
.....	b11
50 000	1 323 000 ..	.....	1 323 000 ..	b12
.....	13
1 000	394 660 35	5 275 984 46	5 670 644 81	a14
.....	15
\$420 264 78	\$1 306 33	\$5 374 334 46	\$11 665 350 55	\$17 039 685 01	Tot.
.....	a1
.....	2
\$7 000	\$562 000 ..	.....	\$562 000 ..	a3
.....	a4
.....	Tot.
\$7 000	\$562 000 ..	.....	\$562 000 ..	

TABLE 2
Statistics of colleges for men and women,

No.	SUMMARY OF PROPERTY (concluded)		Total receipts	Salaries of president, clerks and office assistants
	Debts at end of year	Net property		
	73	74	75	76
a1				
a2				
a3				
a4				
a5				
6		\$4 586 568 72	\$1 154 932 92	\$11 520 32
Tot.		\$4 586 568 72	\$1 154 932 92	\$11 520 32
1				
2		\$28 900 ..	\$74 989 52	\$1 140 ..
3	\$13 737 33	714 513 27	58 577 78	3 100 ..
4			178 285 81	24 436 63
5	22 842 13	170 760 22	52 441 42	1 012 50
6	253 651 07	2 594 397 43	697 657 51	
7				
8				
Tot.	\$296 230 53	\$3 508 570 92	\$1 061 952 04	\$29 688 13
a1				
2		\$1 407 648 40	\$308 205 89	\$6 507 70
a3				
4	\$81 640 02	4 613 022 64	381 306 85	11 499 99
5		21 152 ..	2 000 ..	
6		970 370 56	78 462 22	5 510 ..
7		11 500 ..	3 313 37	
a8				
9		2 302 706 58	92 585 07	650 226 67
10	60 000 ..	578 060 ..	102 507 73	
b11				
b12				
13		1 323 000 ..	128 284 52	1 700 ..
a14				
15		5 670 644 81	530 416 73	15 688 58
Tot.	\$141 640 02	\$16 898 044 99	\$1 627 082 38	\$91 132 94
a1				
2		\$562 000 ..	\$166 270 89	\$15 835 64
a3				
a4				
Tot.		\$562 000 ..	\$166 270 89	\$15 835 64

a Included under university.

b Included under college.

c Including also salaries for instruction.

(continued)

foreign colleges, theology, education

EXPENDITURES					No.
GENERAL CONTROL		INSTRUCTION			
Other expenses of administration	Total	Salaries for instruction	Prizes and scholarships	Supplies used in instruction	
77	78	79	80	81	
.....	.....	.....	.....	.....	a1
.....	.....	.....	.....	.....	a2
.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	a4
.....	.....	.....	.....	.....	a5
\$7 604 43	\$19 124 75	\$94 002 66	\$270 ..	\$8 097 31	6
\$7 604 43	\$19 124 75	\$94 002 66	\$270 ..	\$8 097 31	Tot.
I					
.....	.....	.....	.....	.....	I
\$447 20	\$1 587 20	\$8 460 ..	\$150 ..	\$806 ..	2
I 240 ..	4 340 ..	18 000 ..	.....	2 424 25	3
4 771 12	29 207 75	108 696 15	275 ..	6 340 13	4
373 16	I 385 66	5 132 21	.....	.....	5
991 43	991 43	219 424 52	994 ..	.....	6
.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	8
\$7 822 91	\$37 512 04	\$359 712 88	\$1 419 ..	\$9 576 38	Tot.
.....	
\$2 541 90	\$9 049 60	\$26 611 67	\$11 753 15	.....	a1
.....	.....	.....	.....	.....	2
15 770 35	27 270 34	44 825 ..	14 257 66	\$102 36	a3
.....	.....	2 000 ..	.....	.....	4
5 030 09	10 540 09	27 739 13	5 014 10	17 28	5
.....	.....	I 490 ..	.....	.....	6
.....	50 226 67	993 10	8 925 57	.....	7
.....	.....	16 003 ..	.....	.....	a8
.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	10
I 000 ..	2 700 ..	10 880 ..	.....	.....	b11
.....	.....	.....	.....	.....	b12
.....	15 688 58	105 750 ..	9 510 ..	.....	13
.....	.....	.....	.....	.....	a14
.....	.....	.....	.....	.....	15
\$24 342 34	\$115 475 28	\$236 291 90	\$49 460 48	\$119 64	Tot.
.....	
\$2 473 21	\$18 308 85	\$103 705 47	.....	\$5 235 06	a1
.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	a4
\$2 473 21	\$18 308 85	\$103 705 47	.....	\$5 235 06	Tot.

TABLE 2
Statistics of colleges for men and women,

No.	EXPENDITURES			
	INSTRUCTION (concluded)		Wages of janitor and other employees	Fuel
	Other expenses of instruction	Total		
	82	83	84	85
a1				
a2				
a3				
a4				
a5				
6	\$1 060 04	\$103 430 01	\$17 236 67	\$20 364 28
Tot.	\$1 060 04	\$103 430 01	\$17 236 67	\$20 364 28
1				
2	\$188	\$9 604	\$213	
3		20 424 25	815	
4		115 317 28	1 193 27	\$2 871 69
5	1 057 24	6 189 45	243 95	702 83
6		220 418 52		d54 474 42
7				
8				
Tot.	\$1 245 24	\$371 953 50	\$2 465 22	\$58 048 94
a1				
2	\$182	\$38 546 82	\$3 122 30	\$8 474 40
a3				
4	2 955 93	62 140 93	5 311 10	4 555 20
5		2 000		
6		32 770 51	2 812	900 20
7		1 490	240	196
a8				
9		9 918 67		d2 994 91
10	725	16 728	13 149 54	6 426 91
b11				
b12				
13		10 880	13 388 29	d15 945 32
a14				
15		115 260	35 413 83	13 673 72
Tot.	\$3 862 93	\$289 734 95	\$73 437 06	\$53 166 66
a1				
2	\$3 549 31	\$112 489 84	\$8 566 21	\$5 702 68
a3				
a4				
Tot.	\$3 549 31	\$112 489 84	\$8 566 21	\$5 702 68

a Included under university.

b Included under college.

d Including water, light and power.

(continued)

foreign colleges, theology, education

OPERATION OF COLLEGE PLANT				No.
Water, light and power	Janitors' supplies	Other expenses of operation of plant	Total	
86	87	88	89	
.....	.....	.....	.....	a1
.....	.....	.....	.....	a2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	.....	.....	.....	a5
\$3 310 24	\$1 058 08	\$1 215 32	\$43 184 59	6
\$3 310 24	\$1 058 08	\$1 215 32	\$43 184 59	Tot.
.....	.....	.....	.....	1
\$120 ..	\$60 ..	.....	\$393 ..	2
300 25	.....	\$58 20	1 173 45	3
1 479 36	283 28	.....	5 827 60	4
231 50	16 58	382 17	1 577 03	5
.....	.....	.....	54 474 42	6
.....	.....	.....	.....	7
.....	.....	.....	.....	8
\$2 131 11	\$359 86	\$440 37	\$63 445 50	Tot.
.....	.....	.....	.....	a1
\$348 10	\$81 70	\$1 656 85	\$13 683 35	2
1 261 05	172 39	59 44	11 359 18	a3
.....	.....	.....	.....	4
589 90	500 43	153 21	4 955 74	5
102 50	.....	.....	538 50	6
.....	.....	.....	.....	7
.....	.....	.....	2 994 91	a8
1 554 92	.....	2 781 08	23 912 45	9
.....	.....	.....	.....	10
.....	.....	9 837 69	39 171 30	b11
.....	.....	.....	.....	b12
4 588 79	4 166 47	239 898 26	297 741 07	13
.....	.....	.....	.....	a14
\$8 445 26	\$4 920 99	\$254 386 53	\$394 356 50	15
.....	.....	.....	.....	Tot.
.....	.....	.....	.....	a1
\$1 832 17	\$670 24	\$951 82	\$17 723 12	2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
\$1 832 17	\$670 24	\$951 82	\$17 723 12	Tot.

TABLE 2
Statistics of colleges for men and women,

No	EXPENDITURES -					
	MAINTENANCE OF COLLEGE PLANT				Libraries	Repair and replacement of books
	Repair of buildings and upkeep of grounds	Repair and replacement of equipment	Other expenses of maintenance of school plant	Total		
	90	91	92	93	94	95
a1	.....	.....	.....	.....	.....	.....
a2	.....	.....	.....	.....	.....	.....
a3	.....	.....	.....	.....	.....	.....
a4	.....	.....	.....	.....	.....	.....
a5	.....	.....	.....	.....	.....	.....
6	\$10 708 40	.....	\$1 029 68	\$11 738 08	\$4 219 38	\$311 14
Tot.	\$10 708 40	.....	\$1 029 68	\$11 738 08	\$4 219 38	\$311 14
1	.....	.....	.....	.....	.....	.....
2	\$90 ..	.....	.....	\$90 ..	\$30 ..	.....
3	1 400 42	\$510 40	.....	1 910 82	240 ..	\$25 ..
4	1 811 36	800 ..	.....	2 611 36	3 000 ..	.....
5	.....	.....	.....	.....	.....	218 20
6	55 723 95	.....	.....	55 723 95	.....	.....
7	.....	.....	.....	.....	.....	.....
a8	.....	.....	.....	.....	.....	.....
Tot.	\$59 025 73	\$1 310 40	.....	\$60 336 13	\$3 270 ..	\$243 20
a1	.....	.....	.....	.....	.....	.....
2	\$1 495 33	.....	.....	\$1 495 33	.....	.....
a3	.....	.....	.....	.....	.....	.....
4	3 828 46	.....	\$193 83	4 022 29	\$4 501 12	\$38 10
5	.....	.....	.....	.....	.....	.....
6	776 25	\$284 05	.....	1 060 30	3 718 75	171 30
7	44 81	.....	.....	44 81	.....	.....
a8	.....	.....	.....	.....	.....	.....
9	.....	d11 902 26	629 66	12 531 92	5 300 95	.....
10	3 142 66	4 472 58	3 235 06	10 850 30	.....	.....
11	.....	.....	.....	.....	.....	.....
b12	.....	.....	.....	.....	.....	.....
13	.....	d15 977 68	.....	15 977 68	.....	.....
a14	.....	.....	.....	.....	.....	.....
15	8 208 61	.....	.....	8 208 61	11 608 05	90 46
Tot.	\$17 496 12	\$32 636 57	\$4 058 55	\$54 191 24	\$25 128 87	\$299 86
a1	.....	.....	.....	.....	.....	.....
2	\$2 005 41	\$161 34	\$1 022 13	\$3 188 88	\$1 376 ..	\$90 55
a3	.....	.....	.....	.....	.....	.....
a4	.....	.....	.....	.....	.....	.....
Tot.	\$2 005 41	\$161 34	\$1 022 13	\$3 188 88	\$1 376 ..	\$90 55

a Included under university

b Included under college.

c Including repairs, insurance and interest.

d Including all repairs.

(continued)

foreign colleges, theology, education

(continued)

AUXILIARY AGENCIES AND SUNDRY ACTIVITIES

						No.
New books (capital outlay)	Expenses of boarding pupils	Expenses of boarding and caring for teachers	Recreation	Other auxiliary agencies and sundry activities	Total	
96	97	98	99	100	101	
.....	.....	.....	.....	.....	.....	a1
.....	.....	.....	.....	.....	.....	a2
.....	.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	.....	a4
.....	.....	.....	.....	.....	.....	a5
\$3 511 65	\$2 330 04	.....	.....	\$21 765 51	\$32 137 72	6
\$3 511 65	\$2 330 04	.....	.....	\$21 765 51	\$32 137 72	Tot.
.....	.....	.....	.....	.....	.....	1
\$441 50	.....	\$120 ..	\$15 ..	\$40 ..	\$646 50	2
125 ..	\$4 000 ..	500 ..	110 ..	.....	5 000 ..	3
20 000 ..	1 329 36	.....	154 81	.....	24 484 17	4
.....	1 491 05	.....	242 78	149 85	2 101 88	5
.....	306 083 18	.....	.....	.....	306 083 18	6
.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	8
\$20 566 50	\$312 903 59	\$620 ..	\$522 59	\$189 85	\$338 315 73	Tot.
.....	.....	.....	.....	.....	.....	a1
\$1 047 ..	\$8 358 15	.....	.....	\$8 949 69	\$18 354 84	2
.....	.....	.....	.....	.....	.....	a3
2 043 72	14 318 66	.....	.....	.....	20 901 60	4
.....	.....	.....	.....	.....	.....	5
4 031 75	.....	.....	.....	5 481 86	13 403 66	6
.....	381 03	.....	.....	48 08	429 11	7
.....	.....	.....	.....	.....	.....	a8
.....	.....	.....	.....	.....	5 300 95	9
191 03	220 755 67	.....	.....	6 887 17	27 833 87	10
.....	.....	.....	.....	.....	.....	b11
.....	559 555 54	.....	.....	.....	59 555 54	b12
.....	.....	.....	.....	.....	.....	13
4 793 90	.....	.....	.....	.....	16 492 41	a14
.....	.....	.....	.....	.....	.....	15
\$12 107 40	\$103 369 05	.....	.....	\$21 366 80	\$162 271 98	Tot.
.....	.....	.....	.....	.....	.....	a1
\$531 06	.....	.....	.....	\$68 39	\$2 066 ..	2
.....	.....	.....	.....	.....	.....	a3
.....	.....	.....	.....	.....	.....	a4
\$531 06	.....	.....	.....	\$68 39	\$2 066 ..	Tot.

e Including expense of boarding and caring for teachers.

TABLE 2
Statistics of colleges for men and women,

No.	EXPENDITURES*				
	FIXED CHARGES				
	Rent	Insurance	Taxes	Contributions and contingencies	Total
	102	103	104	105	106
a1					
a2					
a3					
a4					
a5					
6	\$656 10	\$1 454 72	\$2 836 60	\$5 361 06	\$10 308 48
Tot.	\$656 10	\$1 454 72	\$2 836 60	\$5 361 06	\$10 308 48
1					
2	\$693		\$47		\$740
3		\$141 56	1 875 50	\$95 30	2 112 36
4		837 65			837 65
5	140		36	4 772 20	4 948 20
6				496 61	496 61
7					
8					
Tot.	\$833	\$979 21	\$1 958 50	\$5 364 11	\$9 134 82
a1					
2		\$568 15	\$89 86		\$658 01
a3					
4		1 265 02	4 093 25		5 358 27
5					
6		735 24		\$5 562 54	6 297 78
7					
a8					
9	\$1 664 50				1 664 50
10		1 274 97	3 505 57		4 780 54
b11					
b12					
13					
a14					
15	2 100	1 892 86	2 728 30		6 721 16
Tot.	\$3 764 50	\$5 736 24	\$10 416 98	\$5 562 54	\$25 480 26
a1					
2	\$1 051				\$1 051
a3					
a4					
Tot.	\$1 051				\$1 051

a Included under university.

b Included under college.

c Including redemption of short term loans.

(continued)

foreign colleges, theology, education

(continued)

DEBT SERVICE						No.
Redemption of bonds or mortgages	Redemption of short term loans	Payment of interest on bonds or mortgages	Payment of interest on short term loans	Refunds (tuition and board or room rent)	Total	
107	108	109	110	111	112	
						a1
						a2
						a3
						a4
						a5
						6
\$451 51			\$2 354 07		\$2 805 58	
\$451 51			\$2 354 07		\$2 805 58	Tot.
						1
						2
						3
						4
						5
						6
						7
						8

TABLE 2
Statistics of colleges for men and women,

No.	EXPENDITURES				
	CAPITAL OUTLAY				
	Land	New buildings	Alterations of old buildings	Equipment	Total
	113	114	115	116	117
a1	.....	.....	.....	.....	.....
a2	.....	.....	.....	.....	.....
a3	.....	.....	.....	.....	.....
a4	.....	.....	.....	.....	.....
a5	.....	.....	.....	.....	.....
6	\$413 097 98	.....	\$8 347 28	\$10 796 17	\$432 241 43
Tot.	\$413 097 98	.....	\$8 347 28	\$10 796 17	\$432 241 43
1	.....	.....	.....	.....	.....
2	\$4 130 ..	.....	.....	\$300 ..	\$4 430 ..
3	.....	\$10 343 63	.....	.....	10 343 63
4	.....	.....	.....	.....	.....
5	18 729 97	15 750 88	.....	1 135 ..	35 615 85
6	4 358 99	.....	.....	.....	4 358 99
7	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....
Tot.	\$27 218 96	\$26 094 51	.....	\$1 435 ..	\$54 748 47
a1	.....	.....	.....	.....	.....
2	\$367 12	\$5 764 79	\$1 399 47	\$1 814 95	\$9 346 33
a3	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....
6	.....	.....	.....	251 43	251 43
7	.....	.....	.....	.....	.....
a8	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....
10	.....	.....	3 795 93	.....	3 795 93
b11	.....	.....	.....	.....	.....
b12	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....
a14	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....
Tot.	\$367 12	\$5 764 79	\$5 195 40	\$2 066 38	\$13 393 69
a1	.....	.....	.....	.....	.....
2	.....	.....	.....	\$10 425 35	\$10 425 35
a3	.....	.....	.....	.....	.....
a4	.....	.....	.....	.....	.....
Tot.	.....	.....	.....	\$10 425 35	\$10 425 35

a Included under university.

b Included under college.

(concluded)

foreign colleges, theology, education

(concluded)

Amount invested	Total payments	Balance	Total payments and balance	No
118	119	120	121	
.....	.....	.....	.....	a1
.....	.....	.....	.....	a2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	.....	.....	.....	a5
\$499 962 28	\$1 154 932 92	.....	\$1 154 932 92	6
\$499 962 28	\$1 154 932 92	.....	\$1 154 932 92	Tot.
.....	.....	.....	.....	1
.....	\$17 490 70	\$57 498 82	\$74 989 52	2
.....	45 304 51	13 273 27	58 577 78	3
.....	178 285 81	.....	178 285 81	4
.....	52 339 32	102 10	52 441 42	5
.....	697 657 51	.....	697 657 51	6
.....	.....	.....	.....	7
.....	.....	.....	.....	8
.....	\$991 077 85	\$70 874 19	\$1 061 952 04	Tot.
.....	.....	.....	.....	a1
\$198 561 68	\$289 695 96	\$18 509 93	\$308 205 89	2
.....	.....	.....	.....	a3
181 950 16	313 002 79	68 304 06	381 306 85	4
.....	2 000 ..	.....	2 000 ..	5
.....	69 279 51	9 182 71	78 462 22	6
.....	2 502 42	810 95	3 313 37	7
.....	.....	.....	.....	a8
6 000 ..	88 637 62	3 947 45	92 585 07	9
.....	102 507 73	.....	102 507 73	10
.....	.....	.....	.....	b11
.....	128 284 52	.....	128 284 52	b12
.....	460 111 83	70 304 90	530 416 73	13
.....	.....	.....	.....	a14
.....	.....	.....	.....	15
\$386 511 84	\$1 456 022 38	\$171 060 ..	\$1 627 082 38	Tot.
.....	.....	.....	.....	a1
.....	\$165 253 04	\$1 017 85	\$166 270 89	2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	\$165 253 04	\$1 017 85	\$166 270 89	Tot.

TABLE

Statistics of schools of law, medicine, chiropody,

NG.	NAME	LOCATION
	1	2
	LAW	
1	Columbia University, school of law.....	New York.....
2	Cornell University, college of law.....	Ithaca.....
3	Fordham University, school of law.....	Fordham.....
4	aNew York Law School.....	New York.....
5	New York University Law School.....	New York.....
6	St Lawrence University, Brooklyn Law School.....	Brooklyn.....
7	Syracuse University, school of law.....	Syracuse.....
8	Union University, Albany Law School.....	Albany.....
9	University of Buffalo, Buffalo Law School.....	Buffalo.....
	MEDICINE	
1	Columbia University, College of Physicians and Surgeons.....	New York.....
2	Cornell University Medical College.....	cNew York.....
3	Fordham University, school of medicine.....	Fordham.....
4	Long Island College Hospital.....	Brooklyn.....
5	bNew York Homeopathic Medical College and Flower Hosp.....	New York.....
6	New York Postgraduate Medical School and Hospital.....	New York.....
7	Syracuse University, college of medicine.....	Syracuse.....
8	Union University, Albany Medical College.....	Albany.....
9	University and Bellevue Hospital Medical College.....	New York.....
10	University of Buffalo, medical department.....	Buffalo.....
	CHIROPODY	
1	The First Institute of Podiatry.....	New York.....
	DENTISTRY	
1	College of Dental and Oral Surgery of New York.....	New York.....
2	Columbia University, School of Dentistry.....	New York.....
3	New York College of Dentistry.....	New York.....
4	University of Buffalo, College of Dentistry.....	Buffalo.....
	DENTAL HYGIENE	
1	Rochester Dental Dispensary.....	Rochester.....
2	bVanderbilt Dental Clinic.....	New York.....
	PHARMACY	
1	Brooklyn College of Pharmacy.....	Brooklyn.....
2	Columbia University, Col. of Pharmacy of the City of New York.....	New York.....
3	Fordham University, school of pharmacy.....	Fordham.....
4	Union University, Albany College of Pharmacy.....	Albany.....
5	University of Buffalo, College of Pharmacy.....	Buffalo.....
	VETERINARY MEDICINE	
1	Cornell University, N. Y. State Veterinary College.....	Ithaca.....
2	New York University, N. Y. State Veterinary College.....	New York.....
	OPTOMETRY	
1	Columbia University, course in optometry.....	New York.....
2	Rochester School of Optometry.....	Rochester.....

a Suspended operations during the year 1918-19 by reason of the war.

b No report received.

c Work in first and second years given in Ithaca also.

3
dentistry, dental hygiene, pharmacy, veterinary medicine, optometry

SENIOR OFFICER OF FACULTY	d Denomination	e Years in course	Days of regular instruction	No.
3	4	5	6	
Harlan F. Stone M.A. LL.B. (dean).....		3	191	1
Edwin Hamlin Woodruff LL.B. (dean).....		3	207	2
Francis P. Garvin LL.B. (dean).....	R.C.	3	170	3
Frank H. Sommer LL.M. (dean).....		3	202	4
William Payson Richardson LL.D. (dean).....		3	195	5
Frank R. Walker M.A. LL.B. (dean).....	M.E.	3	199	6
J. Newton Piero LL.D. (dean).....		3	161	7
Carlos C. Alden J.D. (dean).....		3	189	8
William Darrach M.D. (dean).....	A.	4	191	9
Walter L. Niles M.D. (New York) (acting dean).....	A.	4	207	1
M.D. (Ithaca) (secretary).....	A.	4	202	2
Joseph Byrne M.D. (dean).....	A.	4	192	3
Otto V. Huffman M.D. (dean).....	H.	4	192	4
Frederic E. Sondern M.D. (president).....	e.	?	306	5
John L. Heffron M.D. (dean).....	A.	4	199	6
Thomas Ordway M.D. (dean).....	A.	4	194	7
Samuel A. Brown M.D. (dean).....	A.	4	203	8
Charles Sumner Jones B.S. M.D. (dean).....	A.	4	198	9
Maurice J. Lewi M.D. (president).....		1	175	10
William Carr M.A. M.D. D.D.S. (dean).....		3	217	1
James C. Egbert Ph.D. (director).....		4	191	2
Alfred R. Starr M.D. D.D.S. (dean).....		4	209	3
Daniel H. Squire D.D.S. (dean).....		4	186	4
Harvey J. Burkhardt D.D.S. (dean).....		?	160	1
William C. Anderson Ph.D. (dean).....		2	188	2
Henry H. Pusby M.D. (dean).....		2-6	191	3
Jacob Diner Ph.G. M.D. (dean).....		2	206	4
William Mansfield M.A. Ph.D. (dean).....		2-4	180	5
Willis G. Gregory M.D. Ph.G. (dean).....		2-3	168	
Veranus Alva Moore B.S. M.D. D.V.M. (dean).....	A.	4	207	1
William H. Hoskins D.V.S. (dean).....	A.	4	220	2
James C. Egbert Ph.D. (director).....		2	191	1
James F. Barker (president).....		2	180	2

d R. C.= Roman Catholic; M. E.= Methodist Episcopal; A.= Allopathic; H.= Homeopathic.
e All legal practitioners.

TABLE 3

Statistics of schools of law, medicine, chiropody, dentistry,

No.	OFFICERS OF INSTRUCTION									Number of full time salaried instructors	NUMBER			
	Full professors	Adjunct, associate and assistant professors	Instructors and tutors	Lecturers	Other assistants on teaching force	TOTAL FACULTY			BY CLASSES					
						Men	Women	Total	Freshman 1st year		Sophomore 2d year	Junior 3d year	Senior 4th year	
	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	11	3				16		16		61	62	79		
2	5	1			1	7		7		85	70	43	27	
3	5	1			6	12		12		97	117	94		
4														
5														
6	14	2	3	9		25	3	28		265	225	183		
7	11		3	12		26		26		73	78	97		
8	4		11	1		16		16		59	33	32		
9	13					21		21		64	72	35		
10	17			7		24		24		35	38	29		
Tot.	80	7	17	36	2	140	3	143		739	695	592	27	
1	28	33	90	3	85	232	7	239	25	75	134	125	138	
2	43	13	75	3	24	146	12	158	31	76	53	50	29	
3	41	20	46	2	23	132		132	625	51	72	57	63	
4	20	23	43	31	10	127	1	128	17	77	118	108	67	
5														
6	39	50	107	27	100	318	6	324						
7	30	13	50	2	1	95	1	96	8	41	33	36	22	
8	7	13	50	13		81	2	83	7	14	18	21	13	
9	24	45	37	12	11	126	3	129	?	84	119	112	88	
10	16	23	56		20	111	4	115	7	19	64	59	41	
Tot.	248	233	554	93	274	1 368	36	1 404	120	437	611	568	461	
1	19	7	14	8	38	76	10	86		32				
1	7	6	35	13	19	76	4	80		150	198	242		
2	12	4	4			20		20						
3	5	3	47	6		61		61		102	146	215		
4	11	3		12	18	44		44		39	62	114		
Tot.	35	16	86	31	37	201	4	205		291	406	571		
1				8		27	3	30						
2														
Tot.				8		27	3	30						
1	6	1		3	4	15		15		77	200			
2	9	2	6		2	18	1	19		155	166	7		
3	10	2	3			15		15		34	36			
4	7	1	7	1	1	13		13		59	30			
5	3	1	12	2	6	24	3	27		152	75	13		
Tot.	34	7	28	6	13	85	4	89		477	507	20		
1	9	7	10		3	29		29		26	18	23	17	
2	7	4	1	10		22		22		30	7	15		
Tot.	16	11	11	10	3	51		51		56	25	38	17	
1	1	2				3		3		16	9			
2	3		6	2		12		12		27	14			
Tot.	4	2	6	2		15		15		43	23			

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

AND CLASSIFICATION OF STUDENTS													No.
BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADU-ATE COURSES		TOTAL REGISTRATION				
LL.B.			Men	Women	Men	Women	Men	Women	Men	Women	Total		
Men	Women	Other											
20	21	22	23	24	25	26	27	28	29	30	31		
202			202		24		7		233		233	1	
212	13		212	13	3				215	13	228	2	
300	8		300	8	12				312	8	320	3	
												4	
517	156		517	156		71	9	2	526	229	755	5	
186	62		186	62					186	62	248	6	
117	7		117	7	8				125	7	132	7	
156	15		156	15					156	15	171	8	
89	13		89	13					89	13	102	9	
I 779	274		I 779	274	47	71	16	2	I 842	347	2 189	Tot.	
M.D.													
Men	Women												
452	20		452	20	3	10			455	30	485	1	
161	47		161	47	15	4			176	51	227	2	
243			243						243		243	3	
356	14		356	14					356	14	370	4	
							861	33	861	33	894	5	
127	5		127	5	35				162	5	167	6	
65	1		65	1	46				111	1	112	7	
403			403		149	17			552	17	569	8	
169	14		169	14					169	14	183	9	
I 976	101		I 976	101	248	31	861	33	3 085	165	3 250	Tot.	
		32	26	6	7	4	11	5	44	15	59	10	
D.D.S.													
Men	Women												
530	60		530	60					530	60	590	1	
463			463						463		463	2	
211	4		211	4					211	4	215	3	
I 204	64		I 204	64					I 204	64	I 268	4	
					25				25		25	Tot.	
												1	
	9				25				25		25	2	
												Tot.	
Ph.G.													
Men	Women												
223	54		223	54	14	1			223	54	277	1	
		328	288	40	24				302	41	343	2	
70			70						94		94	3	
72	17		72	17					72	17	89	4	
60	163		212	28					212	28	240	5	
425	88	491	865	139	38	1			903	140	1 043	Tot.	
D.V.S.V.M.													
	84		84		1				85		85	1	
52			52						52		52	2	
52	84		136		1				137		137	Tot.	
												1	
		25	25						25		25	1	
		41	39	2					39	2	41	2	

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

HIGHER DEGREES CONFERRED DURING YEAR								GRADUATED WITHOUT DEGREES		HONORARY DEGREES CONFERRED						No.
ON EXAMINATION					IN COURSE WITHOUT EXAMINATION									TOTAL		
M.A.	Ph.D.	M.S.	All others	Men	Women	Men	Women	Men	Women	D.D. or S.T.D.	L.L.D.	All others	Men	Women		
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	1	
.	.	.	3	3	.	.	.	.	.	.	.	.	.	.	2
.	3	
.	4	
.	.	.	33	21	12	.	.	.	28	.	.	.	.	.	5
.	1	I	.	.	.	.	.	6	
.	6	II	.	.	.	.	.	7	
.	8	
.	9	
.	.	.	36	24	12	.	.	8	30	.	.	.	.	.	Tot.
.	1	
.	2	
.	3	
.	4	
.	5	
.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	6
.	7	
.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	8
.	9	
.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	10
.	Tot.	
.	1	
.	2	
.	3	
.	4	
.	Tot.	
.	1	
.	2	
.	Tot.	
.	1	
.	118	16	.	.	.	.	.	2	
.	.	.	2	1	1	.	.	.	.	.	.	.	.	.	3
.	4	
.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	5
.	Tot.	
.	.	.	4	3	1	.	.	118	16	.	.	.	.	.	1
.	2	
.	Tot.	
.	1	
.	2	
.	5	1	.	.	.	.	.	1	
.	7	.	.	.	.	.	.	2	

TABLE 3

Statistics of schools of law, medicine, chiroprody, dentistry,

No.	VOLUMES IN LIBRARY	SUMMARY.			
		Grounds	Buildings	Furniture	Apparatus
	63	64	65	66	67
a1					
a2					
a3					
4					
a5					
a6					
a7					
a8					
a9					
Tot.					
a1					
a2					
a3					
4	3 000	\$135 000	\$1 061 500	\$85 250	\$18 500
5					
6	100	113 000	433 876 76	59 700 04	8 000
a7					
a8					
a9					
a10					
Tot.	3 100	\$248 000	\$1 495 376 76	\$144 950 04	\$26 500
1	860			\$3 006	\$4 468
1		\$77 115 22	\$137 138 45	\$10 264 95	\$17 500
a2					
3	1 000	125 000	78 630 54	647 749 54	
a4					
Tot.	1 000	\$202 115 22	\$215 768 99	\$58 005 49	\$17 500
1		\$66 322 59	\$290 000	\$47 500	\$55 668 55
2					
Tot.		\$66 322 59	\$290 000	\$47 500	\$55 668 55
1	4 000	\$8 500	\$30 000	\$5 500	\$6 000
a2					
a3					
a4					
a5					
Tot.	4 000	\$8 500	\$30 000	\$5 500	\$6 000
a1					
a2					
Tot.					
a1					
2	150			\$1 069 24	\$3 877 60
Tot.	150			\$1 069 24	\$3 877 60

a Included under university.

b Including apparatus.

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

OF PROPERTY

Library	Museum	Other property	Total used by institution	Investments	Total property	No.
68	69	70	71	72	73	
						a1
						a2
						a3
						4
						a5
						a6
						a7
						a8
						a9
						Tot.
						a1
						a2
						a3
						4
						5
						6
						a7
						a8
						a9
						a10
\$100 ..	\$2 000 ..	\$1 153 045 82	\$2 453 295 82	\$575 279 82	\$3 028 575 64	Tot.
						1
\$1 800 ..			\$9 274 ..		\$9 274 ..	
						1
			\$242 018 62	\$60 000 ..	\$302 018 62	a2
			251 371 08	94 000 ..	345 371 08	3
						a4
			\$493 389 70	\$154 000 ..	\$647 389 70	Tot.
	\$500 ..		\$459 991 14	\$1 000 000 ..	\$1 459 991 14	1
						2
	\$500 ..		\$459 991 14	\$1 000 000 ..	\$1 459 991 14	Tot.
\$3 600 ..	\$1 000 ..		\$54 600 ..	\$39 651 40	\$94 251 40	1
						a2
						a3
						a4
						a5
\$3 600 ..	\$1 000 ..		\$54 600 ..	\$39 651 40	\$94 251 40	Tot.
						a1
						a2
						Tot.
\$354 ..		\$250 ..	\$5 550 84		\$5 550 84	a1
						2
\$354 ..		\$250 ..	\$5 550 84		\$5 550 84	Tot.

TABLE 3

Statistics of schools of law, medicine, chiropraxy, dentistry,

No	SUMMARY OF PROPERTY (concluded)		Total receipts	GENERAL Salaries of president, clerks and office assistants
	Debts at end of year	Net property		
	74	75	76	77
a1				
a2				
a3				
4				
a5				
a6				
a7				
a8				
a9				
Tot.				
a1				
a2				
a3				
4		\$3 028 575 04	\$111 014 91	\$7 700 ..
5				
6	\$293 492 45	323 184 35	109 035 16	15 361 50
a7				
a8				
a9				
a10				
Tot.	\$293 492 45	\$3 351 759 99	\$220 050 07	\$23 061 50
1	\$4 091 ..	\$5 183 ..	\$19 001 54	\$1 480 ..
1	\$2 463 04	\$299 555 58	\$186 674 85	\$10 791 50
a2				
3	194 158 33	151 212 75	212 435 53	13 039 92
a4				
Tot.	\$196 621 37	\$450 768 33	\$399 110 38	\$23 831 42
1		\$1 459 991 14	\$5 241 23	\$460 ..
2				
Tot.		\$1 459 991 14	\$5 241 23	\$460 ..
1		\$94 251 40	\$39 288 87	\$6 500 08
a2				
a3				
a4				
a5				
Tot.		\$94 251 40	\$39 288 87	\$6 500 08
a1				
a2				
Tot.				
a1				
2	\$2 320 ..	\$3 230 84	\$11 254 62	
Tot.	\$2 320 ..	\$3 230 84	\$11 254 62	

a Included under university.

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

EXPENDITURES					No.
CONTROL		INSTRUCTION			
Other expenses of administration	Total	Salaries for instruction	Prizes and scholarships	Supplies used in instruction	
78	79	80	81	82	
					a1
					a2
					a3
					4
					a5
					a6
					a7
					a8
					a9
					Tot.
					a1
					a2
					a3
\$8 149 63	\$15 849 63	\$54 275 86		\$7 644 97	4
	15 361 50	32 802 83		836 57	5
					6
					a7
					a8
					a9
					a10
\$8 149 63	\$31 211 13	\$87 078 69		\$8 481 54	Tot.
	\$1 480 ..	\$2 101 60	\$80 ..		I
\$1 567 29	\$12 358 79	\$70 743 73		\$12 435 15	I
10 343 65	23 383 57	74 077 ..		24 775 10	a2
					3
					a4
\$11 910 94	\$35 742 36	\$144 820 73		\$37 210 25	Tot.
	\$460 ..	\$3 256 35		\$685 ..	I
					2
	\$460 ..	\$3 256 35		\$685	Tot.
\$683 80	\$7 183 88	\$15 955 ..		\$1 443 68	I
					a2
					a3
					a4
					a5
\$683 80	\$7 183 88	\$15 955 ..		\$1 443 68	Tot.
					a1
					a2
					Tot.
					a1
\$4 796 18	\$4 796 18	\$4 258 50		\$250 59	2
\$4 796 18	\$4 796 18	\$4 258 50		\$250 59	Tot.

TABLE 3
Statistics of schools of law, medicine, chiroprody, dentistry,

No.	EXPENDITURES			
	INSTRUCTION (concluded)		OPERATION OF	
	Other expenses of instruction	Total	Wages of janitor and other employees	Fuel
	83	84	85	86
a1				
a2				
a3				
4				
a5				
a6				
a7				
a8				
a9				
Tot.				
a1				
a2				
a3				
4		\$61 920 83		
5				
6	\$2 579 27	36 218 67		\$31 584 75
a7				
a8				
a9				
a10				
Tot.	\$2 579 27	\$98 139 50		\$31 584 75
I		\$2 181 60	\$520	
I		\$83 178 88	\$6 964 19	\$1 499 16
a2				
3	\$970 62	99 822 72	9 054 ..	3 112 11
a4				
Tot.	\$970 62	\$183 001 60	\$16 018 19	\$4 611 27
I	\$839 88	\$4 781 23		
2				
Tot.	\$839 88	\$4 781 23		
I	\$2 353 78	\$19 752 46		
a2				
a3				
a4				
a5				
Tot.	\$2 353 78	\$19 752 46		
a1				
a2				
Tot.				
a1				
2		\$4 509 09		
Tot.		\$4 509 09		

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

(continued)

COLLEGE PLANT

Water, light and power	Janitors' supplies	Other expenses of operation of plant	Total	No.
87	88	89	90	
				a1
				a2
				a3
				4
				a5
				a6
				a7
				a8
				a9
				Tot.
				a1
				a2
				a3
				4
				5
			\$31 584 75	6
				a7
				a8
				a9
				a10
			\$31 584 75	Tot.
\$124 92	\$28 ..	\$8 513 33	\$9 186 25	1
\$1 772 44	\$2 590 47	\$4 688 26	\$17 514 52	1
	2 996 97		15 163 08	a2
				3
				a4
\$1 772 44	\$5 587 44	\$4 688 26	\$32 677 60	Tot.
				1
				2
				Tot.
\$378 82		\$987 96	\$1 366 78	1
				a2
				a3
				a4
				a5
\$378 82		\$987 96	\$1 366 78	Tot.
				a1
				a2
				Tot.
				a1
				2
				Tot.

TABLE 3

Statistics of schools of law, medicine, chiropraxy, dentistry,

No.	EXPENDITURES					
	MAINTENANCE OF COLLEGE PLANT				Libraries	Repair and replacement of books
	Repair of buildings and upkeep of grounds	Repair and replacement of equipment	Other expenses of maintenance of school plant	Total		
	91	92	93	94	95	96
a1						
a2						
a3						
4						
a5						
a6						
a7						
a8						
a9						
Tot.						
a1						
a2						
a3						
4						
5						
6	\$6 160 04			\$6 160 04		
a7						
a8						
a9						
a10						
Tot.	\$6 160 04			\$6 160 04		
I						
1	\$1 855 81			\$1 855 81		
a2						
3	2 380 48			2 380 48		
a4						
Tot.	\$4 236 29			\$4 236 29		
I						
2						
Tot.						
1	\$361 05		\$37 50	\$398 55		
a2						
a3						
a4						
a5						
Tot.	\$361 05		\$37 50	\$398 55		
a1						
a2						
Tot.						
a1						
2						
Tot.						

a Included under university.

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

(continued)

AUXILIARY AGENCIES AND SUNDRY ACTIVITIES

New books (capital outlay)	Expenses of boarding pupils	Expenses of boarding and caring for teachers	Recreation	Other auxiliary agencies and sundry activities	Total	No.
97	98	99	100	101	102	
						a1
						a2
						a3
						4
						a5
						a6
						a7
						a8
						a9
						Tot.
						a1
						a2
						a3
						4
						5
						6
						a7
						a8
						a9
						a10
						Tot.
						1
						1
						a2
						3
						a4
						Tot.
						1
						2
						Tot.
						1
						a2
						a3
						a4
						a5
						Tot.
						a1
						a2
						Tot.
						a1
						2
\$75					\$75	Tot.
\$75					\$75	

TABLE 3

Statistics of schools of law, medicine, chiropody, dentistry.

No.	EXPENDITURES				
	FIXED CHARGES				
	Rent	Insurance	Taxes	Contributions and contingencies	Total
	103	104	105	106	107
a1					
a2					
a3					
4					
a5					
a6					
a7					
a8					
a9					
Tot.					
a1					
a2					
a3					
4					
5					
6		\$1 228 69	\$817 60		\$2 046 29
a7					
a8					
a9					
a10					
Tot.		\$1 228 69	\$817 60		\$2 046 29
1	\$3 534 90	\$85 65			\$3 620 55
1		\$1 594 78			\$1 594 78
a2					
3	\$4 866 64	882 06	\$1 168 32		6 917 02
a4					
Tot.	\$4 866 64	\$2 476 84	\$1 168 32		\$8 511 80
1					
2					
Tot.					
1					
a2					
a3					
a4					
a5					
Tot.					
a1					
a2					
Tot.					
a1					
2	\$1 736 74	\$55			\$1 791 74
Tot.	\$1 736 74	\$55			\$1 791 74

(continued)

dental hygiene, pharmacy, veterinary medicine, optometry

(continued)

DEBT SERVICE						No.
Redemption of bonds or mortgages	Redemption of short term loans	Payment of interest on bonds or mortgages	Payment of interest on short term loans	Refunds (tuition and board or room rent)	Total	
108	109	110	111	112	113	
.....	a1
.....	a2
.....	a3
.....	4
.....	a5
.....	a6
.....	a7
.....	a8
.....	a9
.....	Tot.
.....	a1
.....	a2
.....	a3
.....	4
.....	5
.....	6
.....	a7
.....	a8
.....	a9
.....	a10
.....	Tot.
.....	I
.....	I
.....	a2
.....	3
.....	a4
.....	Tot.
.....	I
.....	2
.....	Tot.
.....	I
.....	a2
.....	a3
.....	a4
.....	a5
.....	Tot.
.....	a1
.....	a2
.....	Tot.
.....	a1
.....	2
.....	Tot.

TABLE 3
Statistics of schools of law, medicine, chiroprody, dentistry,

No.	EXPENDITURES				
	CAPITAL OUTLAY				
	Land	New buildings	Alterations of old buildings	Equipment	Total
	114	115	116	117	118
a1					
a2					
a3					
4					
a5					
a6					
a7					
a8					
a9					
Tot.					
a1					
a2					
a3					
4					
5					
6					
a7					
a8					
a9					
a10					
Tot.					
1					
1					
a2					
3		\$12 500 ..	\$11 869 76	\$1 758 23	\$26 127 99
a4					
Tot.		\$12 500 ..	\$11 869 76	\$1 758 23	\$26 127 99
1					
2					
Tot.					
1					
a2					
a3					
a4					
a5					
a6					
Tot.					
a1					
a2					
Tot.					
a1					
2				\$35 48	\$35 48
Tot.				\$35 48	\$35 48

a Included under university.

(concluded)

dental hygiene, pharmacy, veterinary medicine, optometry

(concluded)

Amount invested	Total payments	Balance	Total payments and balance	No.
119	120	121	122	
.....	a1
.....	a2
.....	a3
.....	4
.....	a5
.....	a6
.....	a7
.....	a8
.....	a9
.....	Tot.
.....	a1
.....	a2
.....	a3
.....	4
.....	5
.....	6
.....	a7
.....	a8
.....	a9
.....	a10
.....	Tot.
\$24 651 19	\$102 421 65	\$8 593 26	\$111 014 91	a1
.....	a2
.....	a3
.....	4
.....	5
.....	6
.....	a7
.....	a8
.....	a9
.....	a10
\$24 651 19	\$204 942 56	\$15 107 51	\$220 050 07	Tot.
.....	1
.....	\$16 468 40	\$2 533 14	\$19 001 54	1
.....	a2
.....	\$116 502 78	\$70 127 07	\$186 674 85	a3
.....	3
.....	206 885 79	5 549 74	212 435 53	a4
.....	Tot.
.....	\$323 388 57	\$75 721 81	\$399 110 38	1
.....	2
.....	\$5 241 23	.....	\$5 241 23	Tot.
.....	1
.....	\$5 421 23	.....	\$5 241 23	a2
.....	a3
.....	a4
.....	a5
.....	Tot.
.....	\$28 701 67	\$10 587 20	\$39 288 87	1
.....	a2
.....	a3
.....	a4
.....	a5
.....	Tot.
.....	\$28 701 67	\$10 587 20	\$39 288 87	a1
.....	a2
.....	Tot.
.....	a1
.....	2
.....	\$11 207 49	\$47 13	\$11 254 62	Tot.
.....	
.....	\$11 207 49	\$47 13	\$11 254 62	

TABLE 4
Schools of nursing

NAME OF HOSPITAL MAINTAINING REGISTERED SCHOOLS OF NURSING	No. diplomas conferred for year ending July 31, 1919	LENGTH OF COURSE		Hours on hospital duty day— weekly	Hours on hospital duty night— weekly	Hours of recreation—weekly	Total no. of hours theory throughout course	Vacation—total no. of weeks yearly	HOSPITAL FACILITIES			
		Years	Months						No. of hospital beds	Average no. of cases treated daily	Average no. of opera- tions weekly	Average no. of dis- penses daily
Albany Hospital.....	27	3	.....	57	84	17	357	2-3	430	241	48	10
Amsterdam City Hospital.....	2	3	.....	52	84	32	294	.....	65	36	8	.....
Arnott-Oslen Memorial Hospital, Elmira.....	2	3	.....	64	80½	20	285	15 days	107	77	.....	.....
Auburn City Hospital.....	5	3	.....	68	84	16	486	3	98	62	18	.....
A. O. Fox Memorial Hospital, Onondaga.....	1	3	3	62	84	22	272	2	25	23	7	.....
Bellevue Hospital, New York.....	61	2	9	52 & 60	84	.....	410	3	1 638	1 400	102	1 400
Beth Israel Hospital, New York.....	9	2	6	65	84	19	281	2	122	111	30	238
Binghamton City Hospital.....	.....	3	.....	.....	.....	.....	209	2	165	.....	55+	10
Binghamton State Hospital.....	5	2	.....	.....	.....	.....	245	2	2 800	2 800	5	.....
Bloomington Hospital, White Plains.....	6	3	.....	54	84	30	632	2	400	350	.....	.....
Broad Street Hospital, Oneida.....	5	3	.....	62	84	22	314	2	51	30	6	.....
Brooklyn Hospital.....	20	3	.....	62	84	22	275	3	206	237	44	277
Brooklyn State Hospital.....	12	3	.....	80½	87½	12	329	2	1 072	1 040	.....	.....
Brooks Memorial Hospital, Dunkirk.....	3	3	.....	63	84	21	212	2	70	23	8	.....
Buffalo General Hospital.....	21	3	.....	62	84	22	266	20 days	375	255	50	.....
Buffalo German Deaconess Hospital.....	19	3	.....	62	81	22	244	3	120	110	40	.....
Buffalo Homeopathic Hospital.....	8	3	.....	62	84	22	265	3	156	142	52	1-2
Buffalo Hospital, Sisters of Charity.....	17	3	.....	63	84	16	599	2	214	127-163	32-40	.....
Buffalo State Hospital.....	18	3	.....	72	84	12	389	2	2 200	2 200	.....	.....
Buffalo Woman's Hospital.....	3	3	.....	62	84	22	256	4	36	25	8	.....
Bushwick Hospital, Brooklyn.....	2	2	6	62	74	22	335	2	95	80	18	10
Central Islip State Hospital.....	9	2	9	72	84	24	215	2 wks. & 4 days	4 100	4 100	.....	.....
Champlain Valley Hospital, Plattsburg.....	5	3	.....	70	84	14	389	2 wks. & 2 days	73	53	14	.....
Children's Hospital, Buffalo.....	6	3	.....	62	84	22	281	3	110	86.16	26	34½
City Hospital (D.P.C.) Blackwells Island.....	24	2	6	56	56	27	472	4	1 000	643	21	80

City of Kingston Hospital.....	3	3	70	84	14	212	2	44	27	8
Clifton Springs Sanitarium.....	21	3	50	77	15	552	3	200	270	18
Cobles Hospital.....	5	3	62	81	20	541	3	60	25	10
Corning Hospital.....	0	3	64	84	22	338	2	52	33	15
Cortland County Hospital.....	5	2	62	81	22	223	2	49	42	12
Craig Colony for Epileptics, Sonvea.....	6	2-3	63	70	...	231	2	1 369	100	13
Crouse Irving Hospital, Syracuse.....	21	3	48	48	36	424	4	200	140	40
Cumberland Street Hospital, Brooklyn.....	11	2	62	84	22	426	4	200	135	18
Emergency Hospital, Sisters of Charity, Buffalo.....	8	3	70	84	20	329	2	82	78	20
Erie County Hospital, Buffalo.....	13	2	52	70	32	413	2	285	250	2
Faxton Hospital, Utica.....	6	3	63	84	...	281	3	75	55	29
Flushing Hospital.....	7	3	64	77	20	363	2	140	110	34
Frederick Ferris Thompson Hospital, Canandaigua.....	7	3	62	70	22	511	2	65	46	7
French Benevolent Society's Hospital, New York.....	21	2	62	81	22	370	3	112	95	45
Geneva City Hospital.....	4	2	64	84	20	203	2	68	47 ^{1/2}	13 ^{1/2}
Glens Falls Hospital Corporation.....	8	3	60	84	24	381	3	80	52	...
Gowanda State Homeopathic Hospital, Collins.....	3	2	84	84	12	121	2	1 278	101+	24+
Hahnemann Hospital, New York.....	11	3	54	65 ^{1/2}	20	386	3	137	101+	0
Hahnemann Hospital, Rochester.....	12	3	63	84	21	502	15 days	135	128	35
Homeopathic Hospital and Maternity, Yonkers.....	2	2	54	70	20	354	3	100	56	10
Homeopathic Hospital, Albany.....	14	3	63	84	22	270	3	100	93+	10
Hospital of the Good Shepherd, Syracuse.....	19	3	62	84	22	359	3	250	190	40
House of the Good Samaritan, Watertown.....	14	2	62	84	22	285	3	114	77	20
Hudson City Hospital.....	5	2	62	84	12	...	3	53	32	7
Hudson River State Hospital, Poughkeepsie.....	16	2-3	87 ^{1/2}	70	10	122	2	3 500	3 500	1
Italian Hospital, New York.....	5	2	62	70	22	...	2	100	70	24
Ithaca City Hospital.....	0	2	64	77	20	350	2	77	53	22
Jamaica Hospital.....	7	2	60	84	24	470	2	63	50	21
Jewish Hospital, Brooklyn.....	27	2	64	84	20	382	3	280	230-40	59+
Kings County Hospital, Brooklyn.....	26	3	63	84	21	424	2	1 209	889	37
Kings Park State Hospital.....	15	2-3	84	84	12	279	2	4 500	4 460	8
Knickerbocker Hospital, New York.....	1	3	57 ^{1/2}	84	23 ^{1/2}	236	2	56	45	30
Laura Franklin Hospital, New York.....	-0	2	61	0	23	147	2	70	70	33+
Lebanon Hospital, New York.....	15	3	64	84	20	219	2	205	136	31
Lee Private Hospital, Rochester.....	7	3	62	84	22	360	15 days	55	...	18
Lenox Hill Hospital, New York.....	38	3	62	84	22	445	3	325	240	85+
Leonard Hospital, Troy.....	4	3	62	84	22	347	3	50	43	15
Lincoln Hospital and Home, New York.....	15	3	65 ^{1/2}	84	18 ^{1/2}	388	2	300	224	32
Little Falls Hospital.....	6	2	56	84	28	472	2	34	18	65
Long Island College Hospital, Brooklyn.....	30	3	62	84	22	470	3	514	442+	222+

TABLE 4 (continued)
Schools of nursing

NAME OF HOSPITAL MAINTAINING REGISTERED SCHOOLS OF NURSING	No. diplomas conferred for year ending July 31, 1919	LENGTH OF COURSE		Hours on hospital duty day— weekly	Hours on hospital duty night— weekly	Hours of recreation—weekly	Total no. of hours theory throughout course	Vacation—total no. of weeks yearly	HOSPITAL FACILITIES			
		Years	Months						No. of hospital beds	Average no. of cases treated daily	Average no. of opera- tions weekly	Average no. of dis- pensary cases daily
Manhattan State Hospital, New York.....	14	2-3	...	84	84	12	244	2	5 557	5 526	0	0
Mary Immaculate Hospital, Jamaica.....	5	3	...	84	84	20	451	2	80	80	20	5
Methodist Episcopal Hospital, Brooklyn.....	36	3	6	63	84	21	335	2	285	250	67	42
Metropolitan Hospital, New York.....	15	3	6	74	84	11	338	4	1 023	700	35	0
Middletown State Homeopathic Hospital.....	10	2-3	...	84	84	12	330	...	2 184	2 184	0	0
Misericordia Hospital, New York.....	0	3	6	54	84	30	272	2	215	...	13	...
Mt St Mary's Hospital, Niagara Falls.....	6	3	...	64	84	20	246	2	100	...	17	...
Mount Sinai Hospital, New York.....	56	3	...	54	84	28	665	3-4	599	450	100	804
Mount Vernon Hospital.....	5	3	...	62	70	22	342	3	103	62	16	10
Nassau Hospital, Mineola.....	4	3	...	68	84	16	144	2	76	60	20	...
Nathan Littauer Hospital, Gloversville.....	6	3	...	62	84	22	248	3	...	...	...	...
New Rochelle Hospital.....	7	2	6	56	84	23	289	3	80	60+	16	0
New York Homeopathic Medical College and Flower Hospital.....	27	3	...	64	84	30	320	3	223	163	38	100
New York Hospital.....	17	3	...	64	80+	20	325	3	285	249+	59	222
New York Medical College and Hospital for Women.....	7	3	6	56	70	23	255	2	86	80	40	30
New York Postgraduate Medical School and Hospital.....	9	3	...	62	70	22	568	4	418	...	...	...
Niagara Skin and Cancer Hospital.....	13	3	6	62	84	22	363	3	100	77	3+	...
Niagara Falls Memorial Hospital.....	...	3	...	56	56	28	386	3	140	75	25	...
Non-Profit Lutheran Hospital, Brooklyn.....	...	...	...	...	...	...	...	...	...	...	...	...
O. E. Jones General Hospital, Jamestown.....	0	3	...	62	84	22	362	2	104	60	20	0
Ogdensburg City Hospital.....	12	3	...	66	84	18	485	2	147	130	50	...
Olean General Hospital.....	5	3	...	64	84	20	342	2	50	38	13+	...
Oswego Hospital.....	1	3	6	62	84	22	...	2-3	52	30	10	2-3
Oswego Hospital.....	6	3	...	62	84	20	180	2	66	45	...	0
Park Avenue Hospital, Rochester.....	4	3	...	57	84	27	306	2	42	28+	9+	0

Park Hospital, New York.....	6	2	6	60	84	24	426	2	65	40	18	25
Peckskill Hospital.....	3	2	6	62	84	22	432	2	59	22	4	.....
Physicians Hospital, Plattsburg.....	10	3	.....	70	70	14	439	2	55	25+	7	15
People's Hospital, New York.....	3	2	6	62	84	22	630	2	53	48	20	.....
Presbyterian Hospital, New York.....	44	3	.....	62	73½	22	433	4	238	217	40	203
Prospect Heights Hospital & Brooklyn Maternity.....	4	2	6	62	84	22	287	2	68	65	21+	0
Rochester General Hospital.....	28	3	.....	56	84	18	518	2	285	245	44	43
Rochester Homeopathic Hospital.....	15	3	.....	54	84	21	639	2	140	111	50	26
Rochester State Hospital.....	14	2	3	62½	73½	10½	212	2	1 640	1 640	.....	.....
Rome Hospital.....	8	3	.....	64	84	20	346	3	50	.....	5+	.....
Roosevelt Hospital, New York.....	38	2	3	67	80½	17	303	3	285	235	50	186
St. Catharine's Hospital, Brooklyn.....	14	3	.....	59	77	25	357	3	255	198	45	31
St. Elizabeth's Hospital & Home, Utica.....	5	3	.....	60	84	24+	391	2	106	55	14	.....
St. James Mercy Hospital, Hornell.....	3	2	6	64	84	20	333	2	50	29	7	0
St. Joachim's Hospital, Watertown.....	9	2	6	56	84	28	241	2	85	75	19	0
St. John's Hospital, Brooklyn.....	4	3	.....	62	80½	22	225	3	100	82+	17	0
St. John's Long Island City Hospital.....	10	2	6	67	84	17	278	2	209	110	25	45
St. John's Riverside Hospital, Yonkers.....	10	3	.....	62	80½	22	288	2-3	104	83	28	50
St. Joseph's Hospital, Elmira.....	10	3	.....	60	84	24	212	2	70	67	.....	.....
St. Joseph's Hospital, Far Rockaway.....	11	2	6	64	84	20	393	2	85	55	7	8
St. Joseph's Hospital, Syracuse.....	5	3	.....	54	56	30	352	2	120	76	20	.....
St. Joseph's Hospital, Yonkers.....	4	3	.....	61	84	23	473	2	79	53	15	32
St. Lawrence State Hospital, Ogdensburg.....	24	2-3	.....	60	77	24	288	2	236	236	1	60
St. Luke's Hospital, New York.....	46	3	.....	58	70	26	520	3	400	340	93	369
St. Luke's Hospital, Newburgh.....	9	3	.....	64	84	20	119	2-3	100	68	.....	.....
St. Luke's Hospital, Utica.....	11	3	.....	64	84	16	190	2	120	75	22	.....
St. Mary's Hospital, Brooklyn.....	13	3	.....	65	84	19	450	3	300	209	61	10
St. Mary's Free Hospital for Children, New York.....	18	2	6	57	84	27	183	3	126	93	35	80
St. Mary's Hospital, Rochester.....	14	3	.....	65	84	19	562	2½	206	112	35	.....
St. Peter's Hospital, Albany.....	12	3	.....	70	84	14	463	2½	110	80	20	15
St. Vincent's Hospital, New York.....	32	3	.....	60	84	24	330	2	365	298	33	52
St. Vincent's Hospital, West New Brighton.....	15	3	.....	72	80½	12	371	2	138	127	13	.....
Samaritan Hospital, Troy.....	13	3	.....	56	56	26	522	2	173	104	25	8
Saratoga Hospital, Saratoga Springs.....	3	3	.....	65	84	19	453	3	63	36	8	103
Schenectady Hospital Association.....	12	3	.....	62	84	22	427	3	173	118	38	5
Staten Island Hospital, Tompkinsville.....	8	3	.....	62	84	22	300	3	150	125	25	25
Swedish Hospital, Brooklyn.....	4	2	6	62	77	22	364	2	65	36	10	.....
Sydenham Hospital, New York.....	7	2	2	63	84	21	180	2	74	60	20	75
Syracuse Homeopathic Hospital.....	8	3	.....	70	72	22	135	2-3	54	34	8	0
Syracuse Memorial Hospital.....	16	3	.....	62	84	22	391	2-3	150	110	30	.....

TABLE 4 (continued)
Schools of nursing

NAME OF HOSPITAL MAINTAINING REGISTERED SCHOOLS OF NURSING	FACULTY				NUMBER OF PUPILS ENROLLED				EDUCATIONAL QUALIFICATIONS												
	Sup't of hospital	Superintendent of training school	Assistants including graduate head nurse ^a	Resident dietitian	Interns staff	LECTURERS		INSTRUCTORS		1st year	2d year	3d year	Total	No. of statements submitted	College diploma	Partial college course	High school diploma	Two years high school and over	One year high school	Equivalent	Not qualified
						Voluntary	Paid	Voluntary	Paid												
Albany Hospital.....	1	1 R. N.	12	1	3	14	4	6	2	51	40	16	116	54	3	...	21	14	15	1	0
Amsterdam City Hospital.....	1 ^a	1 R. N.	3	1	...	14	...	...	1	8	4	2	14	16	...	...	...	9	...	3	1
Arnot-Ogden Memorial Hospital, Elmira.....	1 ^a	1 R. N.	7	...	...	10	...	...	3	25	16	...	35	15	...	...	...	7	...	...	...
Auburn City Hospital.....	1 ^a	1 R. N.	7	1	0	15	...	...	1	16	7	4	27	22	...	...	...	1	14	3	...
A. O. Fox Memorial Hospital, Oneonta.....	1 ^a	1 R. N.	4	...	...	7	6	6	2	9	2	...	11	13	...	...	2	5	6	...	...
Bellevue Hospital, New York.....	1	1 R. N.	3	111	...	10	...	...	3	100	53	44	197	148	75	2	28	16	21	5	1
Beth Israel Hospital, New York.....	1	1 R. N.	9	...	...	2	...	...	2	6	3	...	16	4	...	...	...	...	...	...	...
Binghamton City Hospital.....	1	1 R. N.	1	...	2	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Binghamton State Hospital.....	1	1 R. N.	13	...	13	15	...	...	...	13	9	3	25	3	...	...	1	1	1	...	...
Bloomington Hospital, White Plains.....	1	1 R. N.	16	1	...	9	...	...	1	6	6	4	16	13	...	...	5	1	5	2	...
Broad Street Hospital, Oneida.....	1 ^a	1 R. N.	2	...	...	4	2	...	...	4	5	3	12	8	...	...	4	1	3	...	...
Brooklyn Hospital.....	1	1 R. N.	18	1	12	10	2	...	3	9	25	45	79	41	16	...	8	11	5	1	...
Brooklyn State Hospital.....	1	1 R. N.	...	...	...	9	...	...	...	3	10	1	14	1	...	...	...	...	...	...	...
Brooks Memorial Hospital, Dunkirk.....	1 ^a	1 R. N.	3	...	7	12	9	...	...	6	2	3	11	6	...	...	...	...	...	...	...
Buffalo General Hospital.....	1	1 R. N.	11	...	9	14	...	...	2	14	35	49	98	41	...	...	11	10	16	4	...
Buffalo German Deaconess Hospital.....	1 ^a	1 R. N.	5	...	2	40	...	...	...	9	18	9	36	15	...	...	1	5	5	...	4
Buffalo Homeopathic Hospital.....	1	1 R. N.	5	1	...	22	8	...	3	21	23	18	62	27	...	...	6	10	7	3	1
Buffalo Hospital, Sisters of Charity.....	1	1 R. N.	20	1	3	22	2	3	...	23	24	15	62	22	...	...	5	4	10	3	...
Buffalo State Hospital.....	1	Vacant	...	...	9	...	...	...	...	10	18	...	28	0	...	...	...	...	...	...	...
Buffalo Woman's Hospital.....	1 ^a	1 R. N.	3	...	...	5	3	...	...	2	7	...	9	18	...	...	2	1	...	...	...

^a Sup't of both hospital and training school.

TABLE 4 (continued)
Schools of nursing

NAME OF HOSPITAL MAINTAINING REGISTERED SCHOOLS OF NURSING	FACULTY					NUMBER OF PUPILS ENROLLED				EDUCATIONAL QUALIFICATIONS								
	Sup't of hospital	Superintendent of training school	Assistants including graduate head nurses	Resident dietitian	Intern staff	LECTURERS		INSTRUCTORS		Total	No. of statements submitted	College diploma	Partial college course	High school diploma	Two years high school and over	One year high school	Equivalent	Not qualified
						Voluntary	Paid	Voluntary	Paid									
Bushwick Hospital, Brooklyn.....	1d	1 R. N.	6	1	4	10	2	1	5	3	11	2						1
Central Islip State Hospital.....	1	1 R. N.	28			28			7	7	7	0						
Champlain Valley Hospital, Plattsburg.....	1	1 R. N.	5			7		1	17	12	34	2						1
Children's Hospital, Buffalo.....	1d	1 R. N.	4		2	18	1		13	13	7	33		2				1
City Hospital (D.P.C.), Blackwells Island.....	1	1 R. N.	31	1		10	1		54	31	11	96	1	14	7	25	3	
City of Kingston Hospital.....	1d	1 R. N.	3			9			4	4	2	10			1	2		
Clifton Springs Sanitarium.....	1	1 R. N.	9	1	12	13	2		9	19	14	42		4	6	8	1	
Columbia Hospital.....	1d	1 R. N.	3	1		10			5	3	8	1			1			
Corning Hospital.....	1d	1 R. N.	5			13			6	4	6	16		1	4			
Cortland County Hospital.....	1d	1 R. N.	5	1		8		1	6	4	1	11		1	1	3		
Craig Colony for Epileptics, Sonoma.....	1	1 R. N.	6		9	16			12	6	3	21	0		4	4	1	
Crozier Irving Hospital, Syracuse.....	1	1 R. N.	43	1		10		1	43	31	21	95	1	40	17	2	4	1
Cumberland Street Hospital, Brooklyn.....	1	1 R. N.	12	1	0	2	15		11	16		27		2		1	1	1
Emergency Hospital, Sisters of Charity, Buffalo.....	1d	1 R. N.	6			14			3	6	3	12						
Erie County Hospital, Buffalo.....	1	1 R. N.	6		7	4	1	1	22	0	10	32		2		12	6	
Exton Hospital, Utica.....	1d	1 R. N.	6	2	2	19			10	10	30	3		1		2		
Flushing Hospital.....	1	1 R. N.	7	1	3	6	0	0	3	14	8	27			5	9	2	1
Frederick Ferris Thompson Hospital, Canandaigua.....	1	1 R. N.	4	1	0	0	7	0	3	10	7	29		6	1	1	1	
French Benevolent Society's Hospital, New York.....	1	1 R. N.	11	0	5	2	3	0	3	11	7	27		1	2	7		
Geneva City Hospital.....	1d	1 R. N.	4		0	4	2		2	3	10	2			1	1		
Glens Falls Hospital Corporation.....	1d	1	3	1		12			15	10	5	30		4	4	5		
Gowanda State Homeopathic Hospital, Collins.....	1	1 R. N.	19	0	7	4		0	0	11	3	14	0					
Hahnemann Hospital, New York.....	1	1 R. N.	4	1	5	16	0	0	2	18	12	35		6	1	8		
Hahnemann Hospital, Rochester.....	1d	1 R. N.	8	2	4	7	1	0	2	23	8	46		33	13	12	3	
Homeopathic Hospital and Maternity, Yonkers.....	1d	1 R. N.	4	1	1	6			4	10	4	18		5	3	7	1	

d Sup't of both hospital and training school

Homeopathic Hospital, Albany	1	1	R. N.	6	1	1	12	0	0	0	0	0	4	18	15	37	3	1	3
Hospital of the Good Shepherd, Syracuse	1d	1	R. N.	8	1	6	0	0	0	0	3	49	11	34	94	1	1	2	1
House of the Good Samaritan, Watertown	1d	1	R. N.	8	1	0	10	0	4	0	14	14	9	37	10	2	4	2	2
Hudson City Hospital	1	1	R. N.	0	0	8	8	12	0	0	1	10	6	17	10	2	4	2	2
Hudson River State Hospital, Poughkeepsie	1	1	R. N.	0	14	12	0	0	0	0	14	15	1	36	0	0	0	0	0
Italian Hospital, New York	1	1	R. N.	8	0	5	6	0	0	0	1	2	3	3	8	6	2	1	3
Ithaca City Hospital	1d	1	R. N.	4	0	18	0	0	0	0	Not reported	0	0	0	0	13	3	2	2
Jamaica Hospital	1d	1	R. N.	5	0	2	12	2	0	0	2	6	11	17	3	1	10	4	1
Jewish Hospital, Brooklyn	1	1	R. N.	25	1	12	8	2	2	0	0	15	13	10	40	20	3	10	3
Kings County Hospital, Brooklyn	1	1	R. N.	23	1	30	3	11	0	2	46	26	72	36	8	9	10	3	1
Kings Park State Hospital	1	1	R. N.	25	1	18	13	0	0	0	11	13	2	26	2	1	1	1	1
Knickerbocker Hospital, New York	1d	1	R. N.	6	1	6	5	0	0	0	4	3	2	10	8	1	5	2	1
Laura Franklin Hospital, New York	1d	1	R. N.	4	2	2	0	0	0	3	4	7	7	19	8	1	5	2	1
Lebanon Hospital, New York	1	1	R. N.	19	1	10	16	0	0	1	5	4	2	13	3	1	2	2	2
Lee Private Hospital, Rochester	1d	1	R. N.	1	0	1	3	0	3	0	7	4	2	13	3	1	2	2	2
Lenox Hill Hospital, New York	1	1	R. N.	11	1	18	18	3	0	0	1	23	30	33	88	32	7	15	4
Leonard Hospital, Troy	1d	1	R. N.	6	0	0	7	0	0	1	6	4	5	15	10	2	2	1	1
Lincoln Hospital and Home, New York	1	1	R. N.	8	1	15	16	2	0	1	40	19	15	74	35	10	4	3	2
Little Falls Hospital	1d	1	R. N.	3	0	0	8	0	0	3	3	3	6	6	3	3	3	3	2
Long Island College Hospital, Brooklyn	1	1	R. N.	21	1	22	10	10	10	1	36	23	18	77	36	5	10	17	4
Manhattan State Hospital, New York	1	1	R. N.	40	0	24	12	0	0	5	30	4	14	48	9	1	4	2	2
Mary Immaculate Hospital, Jamaica	1	1	R. N.	3	0	2	14	0	0	1	8	6	15	19	6	1	2	2	2
Methodist Episcopal Hospital, Brooklyn	1	1	R. N.	12	1	3	4	0	0	2	38	39	26	63	54	1	17	12	3
Metropolitan Hospital, New York	1	1	R. N.	22	1	24	11	22	0	1	32	15	11	58	62	1	8	7	2
Middletown State Homeopathic Hospital	1	1	R. N.	56	0	10	8	0	0	1	18	10	2	30	6	1	1	2	2
Misericordia Hospital, New York	1d	1	R. N.	4	0	2	8	1	0	0	1	7	13	20	12	2	9	1	1
Mt St Mary's Hospital, Niagara Falls	1	1	R. N.	4	1	0	2	0	0	0	7	3	4	16	8	1	6	1	1
Mount Sinai Hospital, New York	1	1	R. N.	33	1	33	7	2	0	0	56	36	162	95	35	1	17	18	21
Mount Vernon Hospital	1d	1	R. N.	5	1	2	10	1	0	2	7	12	13	32	13	2	3	5	1
Nassau Hospital, Mineola	1d	1	R. N.	5	0	2	16	0	0	2	6	3	11	8	8	3	2	3	3
Nathan Littauer Hospital, Gloversville	1d	1	R. N.	3	1	0	10	0	0	4	3	7	14	1	1	1	1	1	1
New Rochelle Hospital	1	1	R. N.	4	1	0	16	0	0	1	15	10	25	18	7	2	6	3	2
New York Homeopathic Medical College and Flower Hospital	1	1	R. N.	11	2	9	10	0	0	1	4	10	32	52	17	5	4	6	2
New York Hospital	1	1	R. N.	20	1	18	0	2	0	1	17	42	37	95	38	3	14	5	13
New York Medical College and Hospital for Women	1	1	R. N.	7	1	1	19	0	0	1	6	8	8	22	4	2	1	1	1
New York Postgraduate Medical School and Hospital	1	1	R. N.	6	1	28	22	1	0	1	38	52	53	143	82	29	16	23	6
New York Skin and Cancer Hospital	1d	1	R. N.	7	1	5	6	0	0	9	2	4	15	6	1	1	1	3	1
Niagara Falls Memorial Hospital	1d	1	R. N.	4	1	0	10	0	0	1	14	8	9	31	19	1	1	12	4
Norwegian Lutheran Hospital, Brooklyn	1d	1	R. N.	1	0	0	0	0	0	1	4	8	9	31	9	1	1	1	2
O. E. Jones General Hospital, Jamestown	1d	1	R. N.	6	1	0	7	0	0	1	4	6	9	19	12	1	5	2	6
d Sup't of both hospital and training school.																			

d Sup't of both hospital and training school.

TABLE 4 (concluded)
Schools of nursing

NAME OF HOSPITAL MAINTAINING REGISTERED SCHOOLS OF NURSING	FACULTY				NUMBER OF PUPILS ENROLLED			EDUCATIONAL QUALIFICATIONS													
	Sup't of hospital	Superintendent of training school	Assistant graduate head nurses	Resident dietitian	Intern staff	LECTURERS		INSTRUCTORS		1st year	2d year	3d year	Total	No. of statements submitted	College diploma	Partial college course	High school diploma	Two years high school and over	One year high school	Equivalent	Not qualified
						Voluntary	Paid	Voluntary	Paid												
Ogdensburg City Hospital.....	1	1	11	0	1	5	0	0	1	13	10	15	38	0	0	0	1	4	1	0	
Olean General Hospital.....	12	1	5	0	0	0	4	0	0	1	9	7	17	0	0	0	1	4	1	0	
Ossining Hospital.....	14	1	2	0	0	7	0	0	0	5	2	4	12	0	0	0	2	2	0	0	
Oswego Hospital.....	14	1	3	0	0	7	0	0	0	7	9	3	19	0	0	0	2	2	1	0	
Park Avenue Hospital, Rochester.....	12	1	3	0	1	12	0	0	2	7	9	4	20	0	0	0	2	4	0	0	
Park Hospital, New York.....	14	1	5	0	2	12	2	0	1	5	3	9	17	0	0	0	2	2	0	0	
Peekskill Hospital.....	14	1	2	0	0	4	0	0	0	4	7	5	16	0	0	0	1	6	1	0	
Physicians Hospital, Poughkeepsie.....	14	1	3	0	0	6	1	0	0	9	7	3	19	0	0	0	1	6	1	0	
People's Hospital, New York.....	1	1	3	0	0	8	0	0	0	8	7	4	17	0	0	0	1	6	1	0	
Presbyterian Hospital, New York.....	1	1	22	1	19	13	3	0	6	54	43	41	138	92	36	7	28	11	9	2	
Prospect Heights Hospital and Brooklyn Maternity.....	14	1	11	1	1	12	2	0	2	10	6	8	24	0	0	0	8	5	2	0	
Rochester General Hospital.....	1	1	8	1	6	14	0	6	2	28	40	33	08	4	1	22	8	5	2	0	
Rochester Homeopathic Hospital.....	1	1	8	2	4	12	0	6	0	21	10	38	43	0	0	18	10	14	1	0	
Rochester State Hospital.....	1	1	27	0	1	8	0	0	2	16	13	25	4	0	0	4	3	2	1	0	
Rome Hospital.....	14	1	3	0	0	0	0	0	0	5	3	4	12	0	0	1	1	2	1	0	
Roosevelt Hospital, New York.....	1	1	14	1	16	8	0	1	0	20	48	24	92	0	2	41	19	25	3	0	
St. Catharine's Hospital, Brooklyn.....	1	1	6	1	9	30	0	0	5	13	14	13	43	21	0	0	1	11	7	2	
St. Elizabeth's Hospital & Home, Utica.....	1	1	4	0	0	21	0	0	6	10	1	5	16	0	0	2	1	5	1	0	
St. James Mercy Hospital, Hornell.....	1	1	2	0	0	5	1	0	2	2	6	3	11	0	0	0	2	2	1	0	
St. Joachim's Hospital, Watertown.....	1	1	6	0	0	20	0	0	0	5	6	9	23	2	0	1	1	0	0	0	
d Sup't of both hospital and training school.																					

d Sup't of both hospital and training school.

St John's Hospital, Brooklyn.	1	1 R. N.	6	0	4	12	0	0	3	9	8	4	21	4	...	1	2	1
St John's Long Island City Hospital.	1	1 R. N.	3	0	5	4	0	0	2	4	5	7	16	12	...	2	1	3
St John's Riverside Hospital, Yonkers.	1	1 R. N.	7	0	...	13	0	0	2	13	14	10	37	14	...	1	4	8
St Joseph's Hospital, Elmira.	1	1 R. N.	7	0	...	10	0	0	0	11	7	3	21	8	...	1	1	2
St Joseph's Hospital, Far Rockaway.	1	1 R. N.	6	0	2	10	0	0	1	1	1	4	6	6	...	1	1	4
St Joseph's Hospital, Syracuse.	1	1 R. N.	4	1	4	17	...	...	...	5	14	9	28	13	...	3	3	7
St Joseph's Hospital, Yonkers.	1	1 R. N.	3	1	3	10	...	...	...	8	13	3	24	9	...	4	4	4
St Lawrence State Hospital, Ogdensburg.	1	1 R. N.	6	0	6	9	0	0	0	12	15	6	33	9	...	1	3	5
St Luke's Hospital, New York.	1	1 R. N.	32	1	21	5	3	3	0	1	53	52	27	132	86	4	47	14
St Luke's Hospital, Newburgh.	1	1 R. N.	4	1	1	12	2	0	1	8	7	10	25	19	...	1	4	2
St Luke's Hospital, Utica.	1	1 R. N.	2	0	0	14	2	0	2	17	16	9	42	14	...	3	3	7
St Mary's Hospital, Brooklyn.	1	1 R. N.	3	0	0	9	12	0	2	6	12	18	36	...	...	1	9	1
St Mary's Free Hospital for Children, New York.	1	1 R. N.	4	0	2	0	3	0	1	8	3	7	18	10	...	1	6	10
St Mary's Hospital, Rochester.	1	1 R. N.	8	1	2	15	0	...	...	16	15	12	43	20	...	1	2	2
St Peter's Hospital, Albany.	1	1 R. N.	5	0	3	12	0	2	0	11	17	10	38	11	...	2	9	...
St Vincent's Hospital, New York.	1	1 R. N.	12	0	17	4	0	0	2	20	30	33	83	23	...	3	6	10
St Vincent's Hospital, West New Brighton.	1	1 R. N.	1	0	3	6	0	0	2	3	8	5	14	2	...	...	2	...
Samarian Hospital, Troy.	1	0	7	1	4	18	0	2	3	22	15	21	58	26	...	11	9	5
Saratoga Hospital, Saratoga Springs.	1	1 R. N.	3	1	0	33	...	...	...	5	3	5	13	5	...	3	3	2
Schenectady Hospital Association.	1	1 R. N.	6	1	3	19	0	0	1	11	20	21	52	29	...	10	6	12
Staten Island Hospital, Tompkinsville.	1	1 R. N.	4	0	5	7	0	0	2	11	18	3	32	36	...	9	8	12
Swedish Hospital, Brooklyn.	1	1 R. N.	6	0	3	6	0	0	1	7	11	2	23	8	...	1	5	2
Sydenham Hospital, New York.	1	1 R. N.	19	5	5	...	...	...	...	2	4	3	16	4	...	1	1	...
Syracuse Homeopathic Hospital.	1	1 R. N.	2	1	0	7	0	0	...	9	4	3	16	4	...	1	3	1
Syracuse Memorial Hospital.	1	1 R. N.	7	2	3	12	0	0	1	25	21	6	52	32	...	8	16	6
Thanksgiving Hospital, Cooperstown.	1	1 R. N.	2	0	0	6	3	...	...	7	7	14	11	...	1	5	5	
Troy Hospital.	1	1 R. N.	7	0	2	12	0	0	...	18	27	16	64	35	...	13	9	12
United Hospital, Port Chester.	1	1 R. N.	5	1	1	7	0	0	1	7	8	13	3	...	1	1	2	
Utica General Hospital.	1	1 R. N.	2	0	1	25	0	0	1	5	2	2	9	0	...	2	2	4
Utica Homeopathic Hospital.	1	1 R. N.	2	1	0	5	0	0	6	7	9	6	22	5	...	1	3	1
Utica State Hospital.	1	1 R. N.	41	0	5	4	...	...	...	0	4	11	15	6	...	...	...	...
Vassar Brothers Hospital, Poughkeepsie.	1	1 R. N.	4	0	3	...	...	...	7	13	12	9	39	29	...	11	4	12
White Plains Hospital.	1	1 R. N.	4	0	1	0	3	0	2	...	...	...	...	...	...	2	2	4
Willard State Hospital.	1	1 R. N.	20	...	11	10	0	...	...	7	4	2	13	0	...	...	...	...
Williamsburgh Hospital, Brooklyn.	1	1 R. N.	7	0	4	18	1	0	1	...	...	...	...	...	...	...	...	...
Woman's Christian Association Hospital, Jamestown.	1	1	4	0	0	...	...	...	...	7	7	7	21	5	...	...	1	4
Woman's Hospital Association, Batavia.	1	1 R. N.	7	1	6	5	0	0	0	4	5	9	0	...	...	...	...	...
Wyckoff Heights Hospital, Brooklyn.	1	1	7	1	6	20	2	0	1	6	11	3	20	10	...	3	6	1
Total.			1682	176	39	146	1882	1821	1310	5013	2335	218	18	604	453	784	201	57

TABLE

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	NAME	LOCATION
LIBRARIANSHIP		
1	New York State Library School.....	Albany.....
2	Syracuse University, Library School.....	Syracuse.....
ACCOUNTANCY		
1	N. Y. University, school of commerce, accounts and finance.....	New York.....
ARCHITECTURE		
1	Columbia University, school of architecture.....	New York.....
2	Cornell University, college of architecture.....	Ithaca.....
ENGINEERING AND TECHNOLOGY		
1	Clarkson College of Technology.....	Potsdam.....
2	Columbia University, faculty of applied science.....	New York.....
3	Cornell University, college of civil engineering.....	Ithaca.....
4	Cornell University, Sibley Col. of Mech. Eng. and Mechanic Arts.....	Ithaca.....
5	New York University, school of applied science.....	New York.....
6	Polytechnic Institute of Brooklyn.....	Brooklyn.....
7	Rensselaer Polytechnic Institute.....	Troy.....
8	Syracuse Univ., Lyman Cornelius Smith Col. of Applied Sci.....	Syracuse.....
ART AND JOURNALISM		
1	Columbia University, school of journalism.....	New York.....
2	The Cooper Union for the Advancement of Science and Art.....	New York.....
3	New York School of Applied Design for Women.....	New York.....
4	Syracuse University, college of fine arts.....	Syracuse.....
MUSIC		
1	Cortland Conservatory of Music.....	Cortland.....
2	Grand Conservatory of Music.....	New York.....
3	Institute of Musical Art of the City of New York.....	New York.....
4	Ithaca Conservatory of Music.....	Ithaca.....
5	Metropolitan College of Music.....	New York.....
6	New York College of Music.....	New York.....
AGRICULTURE		
1	Alfred University, N. Y. State School of Agriculture.....	Alfred.....
2	Cornell University, N. Y. State College of Agriculture.....	Ithaca.....
3	St Lawrence University, N. Y. State Sch. of Agriculture.....	Canton.....
4	Syracuse University, College of Agriculture.....	Syracuse.....
OTHER SCHOOLS		
1	Alfred Univ., N. Y. State Sch. of Clay-working and Ceramics.....	Alfred.....
2	American Institute of Phrenology.....	New York.....
3	Columbia University, school of business.....	New York.....
4	The Conrad Poppenhusen Association.....	College Point.....
5	Hebrew Technical Institute.....	New York.....
6	New York Ophthalmic Hospital and College.....	New York.....
7	New York Trade School.....	New York.....
8	Pratt Institute.....	Brooklyn.....
9	Syracuse University, N. Y. State College of Forestry.....	Syracuse.....

5

and technology, art and journalism, music, agriculture, others

SENIOR OFFICER OF FACULTY	Denomination	Years in course	Days of regular instruction	No.
3	4	5	6	
James I. Wyer Jr. M.L.S. (director).....		2	209	1
Earl E. Sperry Ph.D. (director).....		4	199	2
Joseph French Johnson B.A. D.C.S. LL.D. (dean).....		3-4	204	1
William A. Boring (director).....		4	191	1
Clarence Augustine Martin D.Sc. (dean).....		4	207	2
John Pascal Brooks M.S. (director).....		4	200	1
George B. Pegram Ph.D. (dean).....		3	191	2
Eugene Elwin Haskell B.C.E. C.E. (dean).....		4	207	3
Albert William Smith B.M.E. M.M.E. (dean).....		4	207	4
Charles Henry Snow D.Sc. C.E. (dean).....		4	206	5
Fred W. Atkinson Ph.D. (president).....		4	226	6
Palmer C. Ricketts C.E. (director).....		4	262	7
William P. Graham Ph.D. (dean).....		4	199	8
John M. Cunliffe D.Litt. (associate director).....		4	191	1
Charles R. Richards (director).....	a	2-4	160	2
Ellen J. Pond (superintendent).....		4	183	3
George Albert Parker Mus.D. (dean).....		4	199	4
Burt Legrand Bentley Mus. B. (president).....		?	240	1
Beatrice Eberhard Mus. D. (president).....		?	?	2
Frank Damrosch (director).....		4	180	3
W. Grant Egbert (president).....		2-4	201	4
Kate S. Chittenden (president).....		?	?	5
Carl Hein (president).....		?	253	6
Carl E. Ladd (director).....		3	172	1
Albert Russell Mann B.S.A. M.A. (dean).....		4	207	2
Herbert Linwood White B.S. (dean).....		3	195	3
Frank W. Howe B.A. M.S. (director).....		4	199	4
Charles Fergus Binns M.S. (director).....		4	172	1
J. A. Fowler (dean).....		?	?	2
James C. Egbert Ph.D. (director).....	a	.....	191	3
John G. Embree B.S. M.A. (principal).....	a	.....	109	4
Edgar S. Barney M.A. C.E. Sc.D. (principal).....		3	223	5
Charles Dady M.D. (dean).....		1	145	6
R. Fulton Cutting (president).....		?	77	7
Frederic B. Pratt M.A. (chairman).....	a	.....	194	8
Hugh P. Baker M.F. (dean).....		4	199	9

a Courses vary in length.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	OFFICERS OF INSTRUCTION										NUMBER				
	Full professors	Adjunct, associate and assistant professors	Instructors and tutors	Lecturers	Other assistants on teaching force	TOTAL FACULTY			BY CLASSES						
						Men	Women	Total	Freshman 1st year	Sophomore 2d year	Junior 3d year	Senior 4th year			
	7	8	9	10	11	12	13	14	15	16	17	18			
1	11	29	3	5	21	24	45	13	15	10	18				
2	1	3			1	3	4	16	20						
Tot.	12	32		5	22	27	49	29	35	10	18				
1	16	10	27	48	5	104	2	106	4	177	234	126			
1	2	2	1	1	1	7	7	14	25	25	17				
2	5	6	1			12	12	24	18	25	17				
Tot.	7	8	2	1	1	19	19	38	29	43	34	17			
1	8	1	4			13		13	125	22	15	9			
2	29	25	14	1	12	81		81	32	39	2				
3	7	13	4			24		24	165	73	66	53			
4	12	14	21		23	70		70	4627	211	145	92			
5	13	14	13	8	12	60		60	421	40	5	21			
6	13	14	12	1	4	44		44	237	111	67	40			
7	17	10	28	5		160	1	161	548	172	115	74			
8	7	8	8	1	1	25		25	309	54	27	27			
Tot.	106	99	104	16	52	377	1	378	2	464	722	446			
1	3	3			3	8		8	43	19					
2	8	3	88			94	5	99	1	480	330	167			
3	7	3				43	8	51	100	79	22	1			
4	20	6	5			19	12	31	112	81	56	19			
Tot.	37	15	93		3	124	25	149	1	735	509	245			
1	3	8				5	6	11	242						
2	?	?	?	?	?	?	?	?							
3	64			4		139	30	169	253	90	61	167			
4	6	11	6			13	10	23	24	14	31	31			
5	18		5	4		11	16	27	305	?	?	?			
6	22	6	2			23	7	30	502	?	?	?			
Tot.	113	25	11	10		91	69	160	1	326	104	98			
1	11	8				14	5	19	27	17					
2	58	43	64		49	175	39	214	245	242	193	179			
3			7		5	7	5	12	8	40	7				
4	6					6		6	88	20	10	7			
Tot.	75	43	79		54	202	49	251	368	319	227	186			
1	3	2			2	5	2	7	24	9	8	8			
2				4		13	2	15	16						
3	6	6	4	5		20	1	21			82				
4			14		3	112	6	118	147	80	20	10			
5			18		1	119	1	120	159	116	70				
6	17			4		22		22	4						
7			16			17		17	168						
8	5	21	105	37		116	53	169	973						
9	14	8	6		4	32		32	51	24	17	12			
Tot.	45	37	163	50	10	246	65	311	1	542	229	197			

a Including presiding officers of faculty who do not teach.

b Including 7 men and 2 women entering the five year course.

c Including 55 men entering the five year course.

d Including 228 men and 1 woman entering the five year course.

e Including all students regardless of years of attendance; students not arranged by classes.

f Including 64 preparatory and intermediate pupils.

(continued)

and technology, art and journalism, music, agriculture, others

AND CLASSIFICATION OF STUDENTS

BY COURSES			TOTAL IN UNDER-GRADUATE COURSES		UNCLASSIFIED STUDENTS OF COLLEGE GRADE		IN GRADUATE COURSES		TOTAL REGISTRATION			No.
B.A.	B.S.	Other	Men	Women	Men	Women	Men	Women	Men	Women	Total	
19	20	21	22	23	24	25	26	27	28	29	30	
		28	3	25		5			3	30	33	1
		64		64						64	64	2
		92	3	89		5			3	94	97	Tot.
		4 782	3 972	810			70	6	4 042	816	4 858	1
		25	20	5	15		1	1	36	5	41	1
		89	80	9	3	1			83	10	93	2
		114	100	14	18	1	1		119	15	134	Tot.
C.E.	M.E.											
		171	171						171		171	1
8	8	57	73		19				92		92	2
357			356	1					356	1	357	3
	1 075		1 069	6	2				1 071	6	1 077	4
		491	491		3		2		496		496	5
104	85	266	455		7		6		468		468	6
242	212	455	909		4		2		915		915	7
83	131	203	417		5				422		422	8
794	1 511	1 643	3 941	7	40		10		3 991	7	3 998	Tot.
		62	31	31	1	2			32	33	65	1
		2 215	1 937	278					1 937	278	2 215	2
		202		202						202	202	3
		268	37	231	63	202		11	100	444	544	4
		2 747	2 005	742	64	204		11	2 069	957	3 026	Tot.
		242	51	191					51	191	242	1
		471	158	313	22	40			180	353	533	3
		100	7	93	195	284		1	202	378	580	4
		305	43	262					43	262	305	5
		502	59	443					59	443	502	6
		1 620	318	1 302	217	326		1	535	1 629	2 164	Tot.
		61	46	15	45	19			91	34	125	1
	859		597	262	19	23			616	285	901	2
		55	34	21		5			34	26	60	3
		125	125		9				134		134	4
	859	241	802	298	73	47			875	345	1 220	Tot.
	49		37	12		6			37	18	55	1
		16	8						8	8	16	2
		82	60	22	32	4	8		100	26	126	3
		257	127	130	9	32			136	162	298	4
		345	345						345		345	5
		4	3						3	1	4	6
		168	168						168		168	7
		973	499	474	676	827			2 175	1 301	3 476	8
		104	104		11		2		117		117	9
49	1 949	1 351	647	1 728	869	101			3 089	1 516	4 605	Tot.

g Including 4 men and 1 woman entering the five year course.

h Including 73 fifth year and 13 sixth year students.

i Including fifth, sixth and seventh year students.

j No regular session or attendance; private instruction only given.

k Of this number 379 are part-time, 2217 evening and 274 special and omitting 367 duplicates.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

DEGREES CONFERRED ON COMPLETION OF COURSE																	
No.		B.A.	Ph.B.	B.S.	B.D.	Pd.B.	LL.B.	M.D.	D.D.S.	Ph.G.	D.V.M. or D.V.S.	C.E.	M.E.	E.E.	Other degrees	TOTAL	
																Men	Women
1	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	
2														18	1	4	
Tot.														23	1	22	
1			2											86	76	12	
1																	
2			1											5	5		
														9	9	1	
Tot.			1											14	14	1	
1			10													10	
2												4	2	1	7	14	
3												45				45	
4													77			77	
5			50													50	
6			17									7	9	13	4	50	
7			2									32	11	9	12	66	
8			2									3	6	13		24	
Tot.			81									91	105	36	23	336	
1																	
2															20	11	9
3			75													74	1
4															29	4	25
Tot.			75												49	89	35
1																	
2																	
3																	
4																	
Tot.																	
1																	
2																	
3			153													93	60
4			6													6	
Tot.			159													99	60
1			6													3	3
2																	
3			13													10	3
4																	
5																	
6																	
7																	
8																	
9			11													11	
Tot.			30													24	

a Conferred by The University of the State of New York on students recommended by the faculty.

(continued)

and technology, art and journalism, music, agriculture, others

HIGHER DEGREES CONFERRED DURING YEAR								GRADUATED WITHOUT DEGREES		HONORARY DEGREES CONFERRED						No.
ON EXAMINATION				IN COURSE WITHOUT EXAMINA- TION		D.D. or S.T.D.				LL.D.		All others		TOTAL		
M.A.	Ph.D.	M.S.	All others					Men	Women					Men	Women	Men
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	1	
			1	1											2	
			1	1											Tot.	
			3	3				16							1	
								5							2	
								5							Tot.	
															1	
															2	
															3	
			10	10											4	
															5	
															6	
															7	
															8	
			10	10											Tot.	
															1	
			27	27				135	25						2	
								2	11						3	
															4	
			27	27				137	36						Tot.	
															1	
															2	
															3	
															4	
															5	
															6	
															Tot.	
															1	
															2	
															3	
															4	
															5	
															6	
															Tot.	
															1	
															2	
															3	
															4	
															Tot.	
															1	
															2	
															3	
															4	
															5	
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															7	
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															Tot.	
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															Tot.	
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															4	
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															Tot.	
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															8	
															9	
															Tot.	
															1	
															2	
															3	
															4	
															5	
															6	
															7	
															8	
															9	
															Tot.	
															1	
															2	

^b Not including 3 men and 4 women receiving post graduate diplomas and 1 man receiving the certificate in composition.

^c Including men.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	VOLUMES IN LIBRARY	SUMMARY			
		Grounds	Buildings	Furniture	Apparatus
	62	63	64	65	66
1					
a2					
Tot.					
a1					
a1					
a2					
Tot.					
1	5 714	\$23 177 84	\$129 168 88	\$8 360 ..	\$41 762 ..
a2					
a3					
a4					
a5					
6	10 000	525 000 ..	383 134 ..	29 536 45	131 693 008
7	12 903	155 049 69	1 257 290 52	78 058 19	251 859 27
a8					
Tot.	28 617	\$703 227 53	\$1 769 593 40	\$115 954 64	\$425 314 35
a1					
2	58 259				\$985 410 83
3	1 949	\$75 000 ..	\$152 760 ..	\$15 000 ..	
a4					
Tot.	60 208	\$75 000 ..	\$152 760 ..	\$15 000 ..	\$985 410 83
1	34	\$10 000 ..	\$10 000 ..	\$2 012 30	
a2					
3	2 492	83 682 99	289 690 21	17 777 78	\$18 565 02
4		15 000 ..	40 000 ..	2 000 ..	5 000 ..
5					
6					7 540 ..
Tot.	2 526	\$108 682 99	\$339 690 21	\$21 790 08	\$31 105 02
a1					
a2					
a3					
a4					
Tot.					
a1					
2	310			\$100 ..	\$100 ..
a3					
4	960	\$12 000 ..	\$52 000 ..	2 500 ..	1 700 ..
5	4 500	150 000 ..	269 392 09	11 389 17	41 794 35
6					
7	800	230 000 ..	75 000 ..	1 000 ..	20 000 ..
8	123 357	492 202 34	1 251 564 73		
a9					
Tot.	129 927	\$884 202 34	\$1 647 956 82	\$14 989 17	\$63 594 35

a Included under university. b Including furniture and library. c Including all equipment.

(continued)

and technology, art and journalism, music, agriculture, others

OF PROPERTY						No.
Library	Museum	Other property	Total used by institution	Investments	Total property	
67	68	69	70	71	72	
						I
						a2
						Tot.
						a1
						a1
						a2
						Tot.
\$8 900			\$211 368 72	\$256 500	\$467 868 72	I
						a2
						a3
						a4
						a5
50 000			1 079 363 53	459 461	1 538 824 53	6
26 493 33	\$12 217 39	\$1 681 10	1 782 649 49	1 625 606 52	3 408 256 01	7
						a8
\$45 393 33	\$12 217 39	\$1 681 10	\$3 073 381 74	\$2 341 567 52	\$5 414 949 26	Tot.
						a1
\$15 000		\$5 672 13	\$991 082 96	\$3 252 054 33	\$4 243 137 29	2
			257 760	25 031 42	282 791 42	3
						a4
\$15 000		\$5 672 13	\$1 248 842 96	\$3 277 085 75	\$4 525 928 71	Tot.
\$100			\$22 112 30	\$4 338 09	\$26 450 39	I
17 000			426 716	554 830 44	981 546 44	2
		\$2 000	64 000		64 000	3
			7 540		7 540	4
						5
						6
\$17 100		\$2 000	\$520 368 30	\$559 168 53	\$1 079 536 83	Tot.
						a1
						a2
						a3
						a4
						Tot.
\$500	\$9 500		\$10 200		\$10 200	I
1 000	1 500		70 700	\$221 440 03	292 140 03	2
3 119 01			475 694 62	319 610 64	795 305 26	a3
						4
500			326 500	484 014 95	810 514 95	5
6420 821 79		\$294 961 73	2 459 550 59	6 364 446 53	8 823 997 12	6
						7
						8
						a9
\$425 940 80	\$11 000	\$294 961 73	\$3 342 645 21	\$7 389 512 15	\$10 732 157 36	Tot.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	SUMMARY OF PROPERTY (concluded)		Total receipts	GENERAL Salaries of president, clerks and office assistants
	Debts at end of year	Net property		
	73	74	75	76
1			\$1 495 ..	
a2				
Tot.			\$1 495 ..	
a1				
a1				
a2				
Tot.				
1	\$3 500 ..	\$464 368 72	\$32 084 39	\$3 870 ..
a2				
a3				
a4				
a5				
6	5 000 ..	1 533 824 53	233 045 33	12 247 50
7	1 214 68	3 407 041 33	598 772 15	13 235 82
a8				
Tot.	\$9 714 68	\$5 405 234 58	\$863 901 87	\$29 353 32
a1				
2		\$4 243 137 29	\$242 176 09	\$16 808 58
3	\$45 526 ..	237 265 42	27 478 24	4 930 ..
a4				
Tot.	\$45 526 ..	\$4 480 402 71	\$269 654 33	\$21 738 58
1	\$2 224 87	\$24 225 52	\$7 621 92	\$1 370 12
2			382 09	374 76
3	154 090 41	827 456 03	156 312 78	18 860 50
4	29 619 93	34 380 07	32 296 34	2 804 09
5			19 898 80	970 ..
6		7 540 ..	26 229 94	2 335 ..
Tot.	\$185 935 21	\$893 601 62	\$242 741 87	\$26 714 47
a1				
a2				
a3				
a4				
Tot.				
a1				
2		\$10 200 ..	\$429 17	
a3				
4		292 140 03	57 806 34	\$396 60
5	\$20 000 ..	775 305 26	122 843 21	5 480 ..
6			1 004 07	
7		810 514 95	25 204 85	5 901 33
8		8 823 997 12	475 939 12	
a9				
Tot.	\$20 000 ..	\$10 712 157 36	\$683 226 76	\$11 777 93

a Included under university.

(continued)

and technology, art and journalism, music, agriculture, others

EXPENDITURES					No.
CONTROL		INSTRUCTION			
Other expenses of administration	Total	Salaries for instruction	Prizes and scholarships	Supplies used in instruction	
77	78	79	80	81	
		b\$1 495			1
					a2
		\$1 495			Tot.
					a1
					a1
					a2
					Tot.
\$193 63	\$4 063 63	\$14 787 50	\$100 ..	\$851 46	1
					a2
					a3
					a4
					a5
3 414 79	15 662 29	74 929 71	400 ..	464 07	6
19 137 95	32 373 77	112 920 40	7 677 78	4 632 41	7
					a8
\$22 746 37	\$52 099 69	\$202 637 61	\$8 177 78	\$5 947 94	Tot.
					a1
\$2 066 30	\$18 874 88	\$114 776 26	\$333 ..	\$2 354 85	2
3 080 87	8 010 87	6 036 ..	410 ..		3
					a4
\$5 147 17	\$26 885 75	\$120 812 26	\$743 ..	\$2 354 85	Tot.
	\$1 370 12	\$3 014 66			1
	374 76				2
\$6 736 57	25 597 07	80 396 48	\$1 500 ..	\$617 19	3
2 456 26	5 260 35	14 239 17			4
68 71	1 038 71	9 336 92	605 ..	483 50	5
2 112 74	4 447 74	12 654 79		190 54	6
\$11 374 28	\$38 088 75	\$119 642 02	\$2 105 ..	\$1 291 23	Tot.
					a1
					a2
					a3
					a4
					Tot.
					a1
					2
\$53 15	\$53 15	\$50 ..			a3
					4
226 79	623 39	5 062 35		\$716 12	5
1 208 ..	6 688 ..	35 674 12	\$807 75	4 518 87	6
		919 70			7
942 41	6 843 74	4 992 09		1 681 29	8
		297 645 71			a9
\$2 430 35	\$14 208 28	\$344 343 97	\$807 75	\$6 916 28	Tot.

^b Including all money received from fees; all other expenditures are made from direct legislative appropriations.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	EXPENDITURES			
	INSTRUCTION (concluded)		OPERATION OF	
	Other expenses of instruction	Total	Wages of janitor and other employees	Fuel
	82	83	84	85
I		\$1 495 ..		
a2				
Tot.		\$1 495 ..		
a1				
a1				
a2				
Tot.				
I		\$15 738 96	\$1 942 50	\$1 094 85
a2				
a3				
a4				
a5				
6	\$4 414 87	80 208 65	10 104 76	5 245 53
7	479 19	125 709 78	15 583 32	14 802 98
a8				
Tot.	\$4 894 06	\$221 657 39	\$27 630 58	\$21 142 86
a1				
2	\$18 395 58	\$135 859 69	\$18 223 76	\$14 263 08
3	420 50	6 866 50	1 869 25	1 037 75
a4				
Tot.	\$18 816 08	\$142 726 19	\$20 093 01	\$15 300 83
I		\$3 014 66	\$112 ..	\$386 62
2				
3	\$4 585 ..	87 698 67	4 160 84	
4	361 76	14 600 93	600 ..	657 88
5	255 ..	10 680 42	2 602 55	503 80
6	153 69	12 999 02	679 ..	297 ..
Tot.	\$5 355 45	\$128 393 70	\$8 154 39	\$1 845 30
a1				
a2				
a3				
a4				
Tot.				
a1				
2	\$8 ..	\$8 ..		
a3				
4	307 05	6 085 52	\$780 ..	\$488 37
5		41 000 74	10 868 55	3 930 14
6		919 70		
7		6 673 38	3 675 50	1 118 44
8	178 293 41	475 939 12		
a9				
Tot.	\$178 608 46	\$530 676 46	\$15 324 05	\$5 536 95

a Included under university salaries.

c Expenditures not itemized; including all expenses except

(continued)

and technology, art and journalism, music, agriculture, others

(continued)

COLLEGE PLANT				No.
Water, light and power	Janitors' supplies	Other expenses of operation of plant	Total	
86	87	88	89	
.....	.....	.....	.....	I
.....	.....	.....	.....	a2
.....	.....	.....	.....	Tot.
.....	.....	.....	.....	a1
.....	.....	.....	.....	a1
.....	.....	.....	.....	a2
.....	.....	.....	.....	Tot.
.....	.....	\$212 73	\$3 250 08	I
.....	.....	.....	.....	a2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	.....	.....	.....	a5
.....	.....	.....	.....	6
\$3 417 57	\$871 42	3 171 72	22 811 ..	7
4 298 35	400 72	.....	35 084 87	a8
.....	.....	.....	.....	Tot.
\$7 715 92	\$1 272 14	\$3 384 45	\$61 145 95	
.....	.....	.....	.....	a1
\$6 315 39	.....	.....	\$38 802 23	2
267 74	\$429 21	.....	3 603 95	3
.....	.....	.....	.....	a4
\$6 583 13	\$429 21	.....	\$42 406 18	Tot.
.....	.....	.....	.....	I
\$185 88	.....	\$565 69	\$1 250 19	2
.....	.....	.....	.....	3
I 936 80	.....	I 744 60	7 842 33	4
150 48	\$94 48	12 26	1 515 10	5
108 48	273 11	.....	3 487 04	6
264 54	116 09	75 29	1 431 92	
\$2 646 27	\$483 68	\$2 397 84	\$15 527 48	Tot.
.....	.....	.....	.....	a1
.....	.....	.....	.....	a2
.....	.....	.....	.....	a3
.....	.....	.....	.....	a4
.....	.....	.....	.....	Tot.
.....	.....	.....	.....	a1
.....	.....	.....	.....	2
.....	.....	.....	.....	a3
.....	.....	.....	.....	4
\$184 57	\$18 07	.....	\$1 471 01	5
I 767 33	I 132 69	\$143 54	17 842 25	6
.....	.....	.....	.....	7
820 09	20 59	.....	5 634 62	8
.....	.....	.....	.....	a9
.....	.....	.....	.....	Tot.
\$2 771 99	\$1 171 35	\$143 54	\$24 947 88	

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	EXPENDITURES					
	MAINTENANCE OF COLLEGE PLANT					
	Repair of buildings and upkeep of grounds	Repair and replacement of equipment	Other ex- penses of maintenance of school plant	Total	Libraries	Repair and replacement of books
	90	91	92	93	94	95
1						
a2						
Tot.						
a1						
a1						
a2						
Tot.						
1	\$12 ..		\$213 ..	\$225 ..	\$481 89	
a2						
a3						
a4						
a5						
6	8 488 56	\$4 005 95	8 554 40	21 048 91	1 147 91	\$1 213 63
7	15 178 08	6 161 09		21 339 17	2 160 ..	
a8						
Tot.	\$23 678 64	\$10 167 04	\$8 767 40	\$42 613 08	\$3 789 80	\$1 213 63
a1						
2	\$26 818 50			\$26 818 50	\$14 011 03	
3	1 004 45	\$71 19		1 075 64	440 ..	\$23 20
a4						
Tot.	\$27 822 95	\$71 19		\$27 894 14	\$14 451 03	\$23 20
1	\$272 78			\$272 78		
2						
3		\$1 197 53		1 197 53	\$780 88	
4	145 51	49 60		195 11		
5		190 73		190 73		
6	623 45			623 45		
Tot.	\$1 041 74	\$1 437 86		\$2 479 60	\$780 88	
a1						
a2						
a3						
a4						
Tot.						
a1						
2		\$44 ..		\$44 ..		
a3						
4	\$486 72	46 81		533 53		
5	1 092 40	1 262 76		2 355 16		\$356 16
6						
7	1 273 50		\$114 40	1 387 90		
8						
a9						
Tot.	\$2 852 62	\$1 353 57	\$114 40	\$4 320 59		\$356 16

a Included under university.

b Including libraries.

(continued)

and technology, art and journalism, music, agriculture, others

(continued)

AUXILIARY AGENCIES AND SUNDRY ACTIVITIES						No.
New books (capital outlay)	Expenses of boarding pupils	Expenses of boarding and caring for teachers	Recreation	Other auxiliary agencies and sundry activities	Total	
96	97	98	99	100	101	
						1
						a2
						Tot.
						a1
						a1
						a2
						Tot.
					\$5481 89	1
						a2
						a3
						a4
						a5
					2 361 54	6
\$1 109 78	\$47 535 44				50 805 22	7
						a8
\$1 109 78	\$47 535 44				\$53 648 65	Tot.
						a1
\$22 80					\$14 011 03	2
					486	3
						a4
\$22 80					\$14 497 03	Tot.
						1
						2
					\$780 88	3
						4
						5
						6
					\$780 88	Tot.
						a1
						a2
						a3
						a4
						Tot.
						a1
						2
						a3
						4
	\$6 173 21				\$6 529 37	5
						6
						7
						8
						a9
	\$6 173 21				\$6 529 37	Tot.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	EXPENDITURES				
	FIXED CHARGES				Total
	Rent	Insurance	Taxes	Contributions and contingencies	
	102	103	104	105	106
1					
a2					
Tot.					
a1					
a1					
a2					
Tot.					
1		\$56 33			\$56 33
a2					
a3					
a4					
a5					
6		1 348 52			1 348 52
7		3 112 27	\$50 ..	\$2 264 50	5 429 77
a8					
Tot.		\$4 517 12	\$50 ..	\$2 264 50	\$6 831 62
a1					
2					
3		\$289 99	\$24 50		\$314 49
a4					
Tot.		\$289 99	\$24 50		\$314 49
1		\$138 99	\$229 75		\$368 74
2					
3		643 73			643 73
4	\$57 95	52 80	990 55		1 101 30
5	3 380 ..		72 01		3 452 01
6	4 600 08	29 85	86 71		4 716 64
Tot.	\$8 038 03	\$865 37	\$1 379 02		\$10 282 42
a1					
a2					
a3					
a4					
Tot.					
a1					
2	\$180 ..	\$16 ..			\$196 ..
a3					
4		23 04	\$362 82	\$30 ..	415 86
5		2 035 40		419 16	2 454 56
6					
7					
8					
a9					
Tot.	\$180 ..	\$2 074 44	\$362 82	\$449 16	\$3 066 42

a Included under university.

(continued)

and technology, art and journalism, music, agriculture, others

(continued)

DEBT SERVICE						No.
Redemption of bonds or mortgages	Redemption of short term loans	Payment of interest on bonds or mortgages	Payment of interest on short term loans	Refunds (tuition and board or room rent)	Total	
107	108	109	110	111	112	
						1
						2
						Tot.
						a1
						a1
						2
						Tot.
		\$230			\$230	1
						2
						3
						4
						5
	\$25 000		\$1 126 65		26 126 65	6
				\$22 158 83	22 158 83	7
						a8
	\$25 000	\$230	\$1 126 65	\$22 158 83	\$48 515 48	Tot.
						a1
		\$1 177 50	\$536 53		\$536 53	2
					1 177 50	3
						a4
		\$1 177 50	\$536 53		\$1 714 03	Tot.
						1
	\$8 176 11				\$8 176 11	2
	500	\$1 327 50		332 32	2 159 82	3
						4
		1 200			1 200	5
						6
	\$8 676 11	\$2 527 50		\$332 32	\$11 535 93	Tot.
						a1
						a2
						a3
						a4
						Tot.
				\$26	\$26	a1
						2
						a3
		\$1 099 75			\$1 099 75	4
						5
				93 89	93 89	6
						7
						8
						a9
		\$1 099 75		\$119 89	\$1 219 65	Tot.

TABLE 5

Statistics of schools of librarianship, accountancy, architecture, engineering

No.	EXPENDITURES				
	CAPITAL OUTLAY				
	Land	New buildings	Alterations of old buildings	Equipment	Total
	113	114	115	116	117
1
a2
Tot.
a1
a1
a2
Tot.
1
a2
a3
a4
a5
6	\$59 967 74	\$59 967 74
7	\$835 90	.....	.....	1 850 60	2 686 50
a8
Tot.	\$835 90	.....	.....	\$61 818 34	\$62 654 24
a1
2
3
a4
Tot.
1
2
3
4
5
6
Tot.
a1
a2
a3
a4
Tot.
a1
2
a3
4
5
6
7
8
a9
Tot.

a Included under university. b All receipts are paid directly to State Education Dep't; all payments are made from direct legislative appropriations in connection with the State Library.

(concluded)

and technology, art and journalism, music, agriculture, others

(concluded)

Amount invested	Total payments	Balance	Total payments and balance	No.
118	119	120	121	
	\$1 495 ..		b\$1 495 ..	1
				a2
	\$1 495 ..		\$1 495 ..	Tot.
				a1
				a1
				a2
				Tot.
	\$24 045 89	\$8 038 50	\$32 084 39	1
				a2
				a3
				a4
				a5
	229 535 30	3 510 03	233 045 33	6
\$30 084 75	325 069 66	273 102 49	598 772 15	7
				a8
\$30 084 75	\$579 250 85	\$284 651 02	\$863 901 87	Tot.
				a1
	\$234 902 86	\$7 273 23	\$242 176 09	2
\$901 67	22 436 62	5 041 02	27 478 24	3
				a4
\$901 67	\$257 339 48	\$12 314 85	\$269 654 33	Tot.
	\$6 276 49	\$1 345 43	\$7 621 92	1
	374 76	7 33	382 09	2
\$24 375 ..	155 711 32	601 46	156 312 78	3
	24 832 61	7 463 73	32 296 34	4
	18 849 81	1 048 99	19 898 80	5
	25 418 77	811 17	26 229 94	6
\$24 375 ..	\$231 463 76	\$11 278 11	\$242 741 87	Tot.
				a1
				a2
				a3
				a4
				Tot.
	\$377 15	\$52 02	\$429 17	a1
				2
\$46 090 42	55 219 73	2 586 61	57 806 34	a3
27 779 38	105 749 21	17 094 ..	122 843 21	4
	919 70	84 37	1 004 07	5
	20 633 53	4 571 32	25 204 85	6
	475 939 12		475 939 12	7
				8
				a9
\$73 869 80	\$658 838 44	\$24 388 32	\$683 226 76	Tot.

EXHIBIT B

LICENSES AND CERTIFICATES

TABLE	PAGE	TABLE	PAGE
1 Physicians.....	254	7 Optometrists.....	288
2 Chiropodists.....	269	8 Veterinarians.....	289
3 Dentists.....	270	9 Nurses.....	290
4 Dental hygienists.....	281	10 Public accountants.....	314
5 Pharmacists.....	281	11 Shorthand reporters.....	314
6 Druggists.....	288	12 Architects.....	315

TABLE I

Record of medical licensing examinations and indorsement of credentials July 1, 1918-June 30, 1919

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries.

† Indicates those who have passed the first part of the divided examination only.

‡ Indicates those who have been licensed under exemptions in laws.

NAME	ADDRESS
Group 1 NEW YORK SCHOOLS	
<i>Albany Medical College, Union University</i>	
†Allen, Charles Ethan	279 Madison av., Albany, N. Y.
Allen, Romeyn Treadwell	24 State st., Schenectady, N. Y.
Archambeault, Charles Pahl	Naval Operating Base, Pine Beach Hotel, Hampton Roads, Va.
†Brown, L., Prescott	Mount Kisco, N. Y.
Carroll, Hubert Francis	St Peter's Hosp., Albany, N. Y.
†Cody, Arthur F.	11 S. Wendell av., Schenectady, N. Y.
†Coleman, Bernard Roger	140 George st., Green Island, N. Y.
Cotter, Lawrence H.	Bellevue Hosp., N. Y. C.
Delehanty, Edward Thomas	254 Orange st., Albany, N. Y.
†De Noyelles, P. Lawrence	390 Fairmont av., Jersey City, N. J.
Epstein, Jacob	9 S. Perry st., Poughkeepsie, N. Y.
†Falvello, Nicholas Anthony	239 Morris av., Summit, N. J.
†Fitzgerald, Edward J.	12 Summit st., Glens Falls, N. Y.
Giannotti, Carl Charles	City Hosp., Albany, N. Y.
†Greene, Lawrence D.	Petersburg, N. Y.
†Hulbert, Lynden A.	Middleburg, N. Y.
†Jameson, William John	227 Liberty st., Schenectady, N. Y.
†Johnson, Edwin C.	11 Columbia st., Schenectady, N. Y.
†Kelk, John Albert	Cairo, N. Y.
Kiernan, Joseph O'Connor	190 Delaware av., Albany, N. Y.
†Lee, Maver Miller	821 Lincoln av., Schenectady, N. Y.
Leonard, George Nelson	141 Ontario st., Albany, N. Y.
†Mac Naughton, Fred Burton	111 12th st., Troy, N. Y.
Madden, Alfred Lawrence	2119 15th st., Troy, N. Y.
Mason, Alexander	14 North st., Gloversville, N. Y.
†Mooney, Thomas S.	Breslin av., Cohoes, N. Y.
Moriarta, Webster Merchant	511 Broadway, Saratoga Springs, N. Y.
Phelan, John Joseph	St Peter's Hosp., Albany, N. Y.
Pietraszewski, Alexander W.	230½ S. Ferry st., Schenectady, N. Y.
†Preusser, Walter Fred	313 Central av., Albany, N. Y.
†Schneider, Anton S.	Albany Hosp., Albany, N. Y.
†Smith, Theron	Sea Isle City, N. J.
Steele, Edson Hun	Mongaup Valley, N. Y.
†Stephens, Homer L.	279 Madison av., Albany, N. Y.
†Thomson, William M.	279 Madison av., Albany, N. Y.
†Van Woert, Reginald	Marshall Sanitarium, Troy, N. Y.
†Wilsey, Arthur Raymond	Greenfield Center, N. Y.
†Yaguda, Asher	7 Barclay st., Albany, N. Y.
<i>College of Physicians and Surgeons, Columbia University, New York</i>	
Alderman, Irving Sanders	Lebanon Hosp., N. Y. C.
Almour, Ralph	239 E. 7th st., N. Y. C.
Andrews, George Clinton jr	93 Neperan rd., Tarrytown, N. Y.
Astrachan, Morris	463 Fulton st., Jamaica, N. Y.

NAME	ADDRESS
Astrowe, Philip S.	233 E. 12th st., N. Y. C.
Barach, Alvan Leroy	20 Mt Hope pl., N. Y. C.
†Barash, Louis	77 E. 4th st., N. Y. C.
†Barber, George Holbrook	57 S. Oxford st., Brooklyn, N. Y.
Barsky, Edward	206 Hewes st., Brooklyn, N. Y.
Baum, Samuel Meyerson	Metropolitan Hosp., B. I., N. Y. C.
Baxter, Raymond Harding	Lenox Hill Hosp., N. Y. C.
Beck, R. Donald	541 W. 124th st., N. Y. C.
Blanton, Howson Wallace	300 W. Grace st., Richmond, Va.
Blaustein, Maurice L.	212 Seymour rd., Port Chester, N. Y.
†Bluestone, Moses A.	215 E. Broadway, N. Y. C.
†Bonime, Ralph G.	Kew Gardens, N. Y.
Breakstone, Raphael	9 Suffolk st., N. Y. C.
Brieant, Charles La Monte	14 Hamilton av., Ossining, N. Y.
Broun, Matthew S.	St Luke's Hosp., N. Y. C.
Busch, Irving	158 Ross st., Brooklyn, N. Y.
Butler, Vincent De Paul	25 Monitor st., Jersey City, N. J.
Campbell, Meredith	Bellevue Hosp., N. Y. C.
Carpenter, Frederick	Flushing Hosp., Flushing, N. Y.
Cashman, George Augustin	Ellis Hosp., Schenectady, N. Y.
Cassasa, Alfred B.	419 W. 147th st., N. Y. C.
Chandler, Fremont A.	Hartford Hosp., Hartford, Conn.
Chasan, Isaac	52 Maspeth av., Maspeth, N. Y.
Clarke, Edward Wight	Tenafly, N. J.
Cohen, Aaron	148 W. 118th st., N. Y. C.
Cohen, Philip	147 W. 66th st., N. Y. C.
Cohen, Samuel Lewis	159 W. 80th st., N. Y. C.
Coley, Bradley L.	109 E. 56th st., N. Y. C.
Collentine, George Ernest	645 26th st., Milwaukee, Wis.
Dann, David S.	Mt Sinai Hosp., N. Y. C.
Davidson, Harold B.	302 W. 92d st., N. Y. C.
Dinegar, Robert Henry F.	10 W. 83d st., N. Y. C.
Dixon, George G.	168 St John's pl., Brooklyn, N. Y.
Donovan, Edward J.	1 Cedar av., West End, N. J.
Du Bois, Robert Ogden	119 E. 57th st., N. Y. C.
Eagle, Max	507 E. 171st st., N. Y. C.
Ehrlich, David Ernest	496 9th st., Brooklyn, N. Y.
England, Kay	St Vincent's Hosp., N. Y. C.
Farnum, Waldo Beattie	150 E. 150th st., N. Y. C.
Feinberg, Sydney Charles	730 Riverside dr., N. Y. C.
Fineman, Abraham Harold	56 W. 118th st., N. Y. C.
Finkelstein, William	26 E. 109th st., N. Y. C.
Fishberg, Arthur M.	170 W. 59th st., N. Y. C.
Fitzpatrick, Charles Borromes	Saratoga Springs, N. Y.
Florence, William Steed	656 W. 160th st., N. Y. C.
Foley, Ernest Lee	Bellevue Hosp., N. Y. C.
Frey, Walter Guernsey jr	M. E. Hosp., Brooklyn, N. Y.
Furman, Martin A.	953 Hoe av., N. Y. C.
Ginsburg, Samuel	39 Brooklyn av., Brooklyn, N. Y.
Ginzburg, David	1269 47th st., Brooklyn, N. Y.
Given, James B. jr	463 9th st., Brooklyn, N. Y.
Gliboff, Herman	Jewish Hosp., Brooklyn, N. Y.
Goldblatt, David	231 E. 77th st., N. Y. C.
Goldstein, Max Michael	496 Sackman st., Brooklyn, N. Y.
Goodfriend, Milton J.	Lebanon Hosp., N. Y. C.
Gordon, Robert Kelnar	Harlem Hosp., N. Y. C.
Haight, Vincent Wymand	Montrose, N. Y.
Halbert, Herbert Lynn	3 E. 45th st., N. Y. C.
Hamilton, Charles Edward	Brooklyn Hosp., Brooklyn, N. Y.
Hamilton, Harry H.	Bellevue Hosp., N. Y. C.
Hammer, Armand	1488 Washington av., N. Y. C.
Harrison, Elake	Greenpoint Hosp., N. Y. C.
Harvey, Ralph Lewis	166 Clinton av., New Rochelle, N. Y.
Hayden, Edwin Parker	Presbyterian Hosp., N. Y. C.
Heck, Edson Burr	Presbyterian Hosp., N. Y. C.
Herring, Alfred Crawford	St Luke's Hosp., N. Y. C.
Heslin, William Francis	917 Kent av., Brooklyn, N. Y.
Howard, James W.	St Luke's Hosp., N. Y. C.
Howell, John Taylor jr	Presbyterian Hosp., N. Y. C.
Hurwitz, Leon J.	1824 Crotona av., N. Y. C.
Hutchens, Don King	Roosevelt Hosp., N. Y. C.
Johnson, Harold F.	415 W. 15th st., N. Y. C.
Jones, J. Laurence	Mt Sinai Hosp., N. Y. C.
Kassel, Morris	L. I. College Hosp., Brooklyn, N. Y.
King, George	64 W. 51st st., N. Y. C.
Klein, Sidney	887 Forest av., N. Y. C.
†Klernes, Isadore Saul	831 Hunt's Point av., N. Y. C.
Klingenstein, Percy	Mt Sinai Hosp., N. Y. C.
Knapp, Charles Stanley	Roosevelt Hosp., N. Y. C.

NAME	ADDRESS
Labovitz, Nathaniel	131 Bradley st., New Haven, Conn.
Law, Donald E.	S. I. Hosp., Tompkinsville, N. Y.
Lawton, Shailer U.	520 W. 124th st., N. Y. C.
†Lease, Raymond E.	889 St Nicholas av., N. Y. C.
Lemelson, Julius	666 Bay st., Stapleton, N. Y. C.
Leonardo, Richard A.	515 North st., Rochester, N. Y.
Levin, Henry	41 Main st., Yonkers, N. Y.
Lewis, Kenneth Mark	Roosevelt Hosp., N. Y. C.
†Lieberman, Samuel Harry	81 Chrystie st., N. Y. C.
Linden, Arthur Chester	Beth Israel Hosp., N. Y. C.
Louria, Henry W.	Presbyterian Hosp., N. Y. C.
Luce, Hallock jr	Brooklyn Hosp., Brooklyn, N. Y.
Luskin, Harold	Beth Israel Hosp., N. Y. C.
†Lyon, Brockton Reynolds	34 Lloyd st., Winchester, Mass.
McGreen, Francis Augustine	202 W. 92d st., N. Y. C.
McGraw, Arthur B.	1759 Jefferson av. E., Detroit, Mich.
†Mackenzie, Robert Abbe	43 Graham av., Metuchen, N. J.
†Magnette, Jules jr	116 Riverside dr., N. Y. C.
Maynard, Edwin Post jr	Presbyterian Hosp., N. Y. C.
†Melicow, Meyer M.	251 W. 112th st., N. Y. C.
Meyer, Herbert Willy	700 Madison av., N. Y. C.
†Milch, Henry	486 E. 4th st., Brooklyn, N. Y.
Mills, Samuel Wickham	Roosevelt Hosp., N. Y. C.
Minsky, Henry	Lebanon Hosp., N. Y. C.
Mitchell, Ralph Wendell	141 E. 44th st., N. Y. C.
Moolten, Ralph Rembrandt	N. Y. Post Graduate Hosp., N. Y. C.
Morris, S. Arthur	Harlem Hosp., N. Y. C.
Muehleck, George Ernest	Lenox Hill Hosp., N. Y. C.
Mufson, Isidor	1260 Clay av., N. Y. C.
Nicholaus, John L.	266 State st., Schenectady, N. Y.
Norris, William Jonathan	St Luke's Hosp., N. Y. C.
Norton, James Francis	399 York st., Jersey City, N. J.
†Nute, William Laubach	375 Park av., N. Y. C.
O'Malley, Thomas Stanley	S. I. Hosp., Tompkinsville, N. Y.
†Osserman, Hyman Aaron	Neurological Inst., 149 E. 67th st., N. Y. C.
Pasachoff, Harry D.	1526 Charlotte st., N. Y. C.
†Paulonis, Joseph Francis	454 Grand st., Brooklyn, N. Y.
Perez, Robert Fridenberg jr	Lenox Hill Hosp., N. Y. C.
Pettengill, Frank Gordon	N. Y. Hosp., 8 W. 16th st., N. Y. C.
Pohlmann, Harry F.	Lenox Hill Hosp., N. Y. C.
Ponemon, Irving W.	Greenpoint Hosp., Brooklyn, N. Y.
Quigley, Thomas Edward	St Vincent's Hosp., N. Y. C.
Ransohoff, Nicholas S.	308 W. 93d st., N. Y. C.
†Raynes, Alphonso F.	348 W. 57th st., N. Y. C.
Robinson, Meyer Seymour	16 E. 110th st., N. Y. C.
†Rogatz, Julian Leo	78 E. 91st st., N. Y. C.
Ross, Martin	1963 Seventh av., N. Y. C.
†Rutstein, Saul	21 E. 119th st., N. Y. C.
†Samuels, Saul S.	1165 Sterling pl., Brooklyn, N. Y.
†Sarlin, Charles N.	3 Whitney av., Elmhurst, N. Y.
†Saulpaugh, Lincoln M.	1023 Grand Concourse, N. Y. C.
Saxl, Newton Thomas	244 E. 72d st., N. Y. C.
Sayer, Arthur	638 Crotona Park S., N. Y. C.
Schmalzried, Elmer William	Memorial Hosp., Orange, N. J.
Schulte, Herbert A.	City Hosp., Newark, N. J.
Seaman, James Alpheus	450 W. 34th st., N. Y. C.
Seldowitz, Morton	600 Fifth av., Brooklyn, N. Y.
Sherburne, John	Market st., Amsterdam, N. Y.
Siegel, Benjamin	1364 52d st., Brooklyn, N. Y.
Soderstrom, Gustave Albin	356 Foote av., Jamestown, N. Y.
†Solley, Frederick Westcott	114 E. 60th st., N. Y. C.
†Somberg, Joseph Sheldon	492 E. Fulton st., Columbus, Ohio
Steinman, Isidore	416 E. 81st st., N. Y. C.
Sterman, Maximilian M.	26 W. 113th st., N. Y. C.
Stier, Robert Frederick	Presbyterian Hosp., N. Y. C.
†Stone, Morris	148 W. 129th st., N. Y. C.
†Strongin, Herman F.	Livingston Hall, Columbia Univ., N. Y. C.
Tenopyr, Ottokar	Kings County Hosp., Brooklyn, N. Y.
†Teplitsky, David	181 Thatford av., Brooklyn, N. Y.
Todd, Ralph Ten Broeck	41 N. Broadway, Tarrytown, N. Y.
Trischett, S. Seymour	Mount Vernon Hosp., Mount Vernon, N. Y.
Von Emburgh, George Henry jr	378 Chestnut st., Arlington, N. J.
Walsh, James F.	French Hosp., N. Y. C.
Weber, John William	New York Hosp., N. Y. C.
†Weinstein, Louis	403 E. 52d st., N. Y. C.
Weintraub, Sydney	67 Hudson st., N. Y. C.
†Wilhelm, Seymour F.	53 E. 96th st., N. Y. C.
Wurzbach, Frederick A. jr	381 E. 165th st., N. Y. C.

NAME	ADDRESS
<i>Cornell University, medical department</i>	
Andrews, Sophie Townsend	45 E. 92d st., N. Y. C.
Barnes, Frank Edward	368 Greene av., Brooklyn, N. Y.
Biloon, Sol	1222 Boston rd., N. Y. C.
†Brown, Chauncey F.	129 Lexington av., N. Y. C.
Cantor, Jacob August	514 W. 134th st., N. Y. C.
Colucci, John A.	1342 Fulton av., N. Y. C.
†Davidson, Alexander George	123 W. 112th st., N. Y. C.
Delzell, William R.	St John's Hosp., Long Island City, N. Y.
†Fries, Margaret Evelyn	9 W. 82d st., N. Y. C.
†Harris, Meyer Matthews	7 Eldridge st., N. Y. C.
Himwich, Harold Edwin	1913 Madison av., N. Y. C.
Hinsdale, Ira Alfred	Bellevue Hosp., N. Y. C.
†Hutoryansky, Godel	1051 Boston rd., N. Y. C.
Hyslop, George Hall	Bellevue Hosp., N. Y. C.
Jackson, William J.	353 E. 14th st., N. Y. C.
Kessler, Henry Howard	119 Spruce st., Newark, N. J.
Kingery, Lisle Byron	8 W. 16th st., N. Y. C.
†Levine, Samuel Z.	70 Lenox av., N. Y. C.
Loneragan, Michael Paul	Bellevue Hosp., N. Y. C.
Marsland, Merwin Elliott	8 W. 16th st., N. Y. C.
†Master, Arthur M.	857 Tinton av., N. Y. C.
Mazurowski, Bruno Casimir	Bellevue Hosp., N. Y. C.
†Morris, Cora Hennen	925 Park av., N. Y. C.
†Nelson, Margaret H.	89 Chatham av., Buffalo, N. Y.
†Porter, Lucy D.	126 E. 24th st., N. Y. C.
Potter, Alfred L.	305 Washington av., Brooklyn, N. Y.
Potter, Merle M.	305 Washington av., Brooklyn, N. Y.
†Reznikoff, Paul	1752 Union st., Brooklyn, N. Y.
Ringer, Michael	625 Jefferson pl., N. Y. C.
†Root, Maurice Timothy.	Bellevue Hosp., N. Y. C.
Schwadron, Samuel	Lincoln Hosp., N. Y. C.
†Seley, Samson Abraham	144 Kent st., Brooklyn, N. Y.
†Silvers, Lewis Julian	812 Suburban pl., N. Y. C.
Spindler, Abraham Morris	108 2d st., N. Y. C.
Sprout, Lawrence Emerson	67 Hudson st., N. Y. C.
†Sutton, John E. jr.	162 E. 46th st., N. Y. C.
Thompson, Richard Y.	Skin & Cancer Hosp., N. Y. C.
Wadsworth, Ruth F.	Springdale, Conn.
†Walzer, Matthew	881a Lafayette av., Brooklyn, N. Y.
†Watters, Hyla S.	Spuytgen Duyvil, N. Y. C.
Weeden, Willis Morris	220 First av., Frankfort, N. Y.
Wells, Joseph Julius	Post Graduate Hosp., N. Y. C.
<i>Fordham University, School of Medicine, New York City</i>	
Altman, Joseph	432 E. 3d st., Brooklyn, N. Y.
†Amoury, Emanuel Joseph	195 Pacific st., Brooklyn, N. Y.
Ant, Morris	296 Grand st., N. Y. C.
Antin, Benjamin	1575 Washington av., N. Y. C.
†Bacchi, Rosario Joseph	10 Spring st., N. Y. C.
†Balbus, Richard R.	78 E. 110th st., N. Y. C.
Barrow, Henry Joseph	Fordham Hosp., N. Y. C.
Begun, Sol S.	Lincoln Hosp., N. Y. C.
Blaustein, Lazarus	134 Penn st., Brooklyn, N. Y.
Brady, Thomas Sylvester	43 Lord av., Bayonne, N. J.
†Breglia, Louis	130 Baxter st., N. Y. C.
†Brodoff, Nathan C.	35 E. 110th st., N. Y. C.
†Brooks, John Graham	309 Bedford park blvd., N. Y. C.
†Brophy, Francis X.	16 Duncan av., Jersey City, N. J.
†Bush, William S.	Atwood, N. Y.
†Carabba, Nicholas	178 Mulberry st., N. Y. C.
Carillo, Salvatore D.	St Peter's Hosp., Brooklyn, N. Y.
Carroll, Gefald John	2575 Bainbridge av., N. Y. C.
†Cassano, Louis Joseph	2250 Prospect av., N. Y. C.
†Casson, Paul William	537 E. 187th st., N. Y. C.
Cimaduomo, Joseph	125 E. 103d st., N. Y. C.
Cohen, Alexander	St Mark's Hosp., N. Y. C.
†Daley, Jacob	1351 Washington av., N. Y. C.
Damsky, Benjamin	60 E. 114th st., N. Y. C.
†de Biasi, Bruno	Clason Point, N. Y.
†Dilger, Frederick George	16 Morris av. W., Mountain Lakes, N. J.
Dolan, Daniel James	Post Graduate Hosp., N. Y. C.
Doody, William M.	110 Van Horne st., Jersey City, N. J.
†Doran, Joseph Francis	145 Wadsworth av., N. Y. C.
†Dreiblatt, Sigmund	332 E. 4th st., N. Y. C.
†Dubowy, Morris George	453 E. 178th st., N. Y. C.
Eller, Joseph J.	1629 Parker st., N. Y. C.
Epstein, Samuel	978 Union av., N. Y. C.
Feldstein, Nathan	870 Longwood av., N. Y. C.

NAME	ADDRESS
Fineberg, Jacob	343 4th st., Jersey City, N. J.
†Finkelstein, Frank	122 W. 114th st., N. Y. C.
†Galione, Romualdo R.	751 E. 187th st., N. Y. C.
†Gallagher, Ambrose W.	300 W. 106th st., N. Y. C.
Gnazzo, Nicholas Aloysius	2472 Arthur av., N. Y. C.
Golden, Matthew A.	Lenox Hill Hosp., N. Y. C.
†Goldstein, Israel A.	828 Ritter pl., N. Y. C.
†Gottlieb, Moses L.	1186 Washington av., N. Y. C.
Grace, Edwin Joseph	1220 71st st., Brooklyn, N. Y.
Greenberg, Abraham L.	649 Saratoga av., Brooklyn, N. Y.
Greenfield, Joseph	535 Nepperhan av., Yonkers, N. Y.
†Greenhouse, Charles A.	824 E. 161st st., N. Y. C.
†Guinee, Florence Vincent	230 E. 63d st., N. Y. C.
Harter, Louis F.	Jersey City Hosp., Jersey City, N. J.
†Hartman, Mathew A.	949 Rogers pl., N. Y. C.
Heller, Max	St John's Hosp., Long Island City, N. Y.
Hochberg, Nathaniel M.	1452 Clay av., N. Y. C.
Holland, Reuben Joseph	City Hosp., N. Y. C.
Horn, Walter L.	210 E. 64th st., N. Y. C.
†Hyrkin, Saul I.	381 Berry st., Brooklyn, N. Y.
†Kampf, Max Bernard	992 Tiffany st., N. Y. C.
Kassow, Israel O.	Fordham Hosp., N. Y. C.
Katz, Hymon	1086 President st., Brooklyn, N. Y.
Kear, Leon V.	1837 85th st., Brooklyn, N. Y.
Kelley, Eugene F. T.	304 E. 18th st., N. Y. C.
Kiernan, James Francis	Fordham Hosp., N. Y. C.
†Kottler, Aaron	132 Ludlow st., N. Y. C.
†Kramer, Emil Francis	26 First st., Yonkers, N. Y.
Lashinsky, Isidore M.	St Peter's Hosp., Brooklyn, N. Y.
†Levene, George	544 W. 150th st., N. Y. C.
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Ebeling, Albert Henry	Rockefeller Inst. for Med. Research. N. Y. C.
‡Eckert, William	116 Jefferson st., Union Hill, N. J.
Eidelsberg, Joseph	521 Monroe av., Asbury Park, N. J.
†Engberg, Andrew	24 Courtland st., Middletown, N. Y.
Engelscher, David Louis	38 Stuyvesant st., N. Y. C.
Enselberg, Herman L.	175 Vernon av., Brooklyn, N. Y.
†Epstein, Irving	343 Vernon av., Brooklyn, N. Y.
Farber, David	1760 Bergen st., Brooklyn, N. Y.
†Feigin, Samuel	1095 Dumont av., Brooklyn, N. Y.
Ferber, Samuel J.	70 Jefferson st., N. Y. C.
Fink, Abraham	20 Belvidere st., Brooklyn, N. Y.
Flandina, Anthony	St Vincent's Hosp., N. Y. C.
Francis, Charles Collins	344 W. 145th st., N. Y. C.
Gersh, Edward I.	Lincoln Hosp., N. Y. C.
†Golann, Daniel L.	South rd., Woodhaven, N. Y.
Goldberg, Robert M.	20 E. 120th st., N. Y. C.
Goldring, Morris	166 Rodney st., Brooklyn, N. Y.
Goldstein, Julius	274 Madison st., N. Y. C.
Greenberger, Monroe Edwin	205 W. 112th st., N. Y. C.
Hancock, Heber Chase	United Hosp., Port Chester, N. Y.
Heinkey, Henry W.	St Francis Hosp., N. Y. C.
†Herrman, Harold C.	24 E. 99th st., N. Y. C.
Hershkowitz, Louis J.	Lincoln Hosp., N. Y. C.
Hirsch, Aaron	51 Graham av., Brooklyn, N. Y.
Hochbruckner, J. Philip	St Vincent's Hosp., N. Y. C.
Hockman, Louis	110 1st st., N. Y. C.
†Holter, Otto R.	St Vincent's Hosp., N. Y. C.
Irgang, Samuel	474 Willis av., N. Y. C.
Israel, Bernard B.	Harlem Hosp., social service dep't, N. Y. C.
Johnson, Austin B.	Bellevue Hosp., N. Y. C.
Kaplan, Samuel	853 Macy pl., N. Y. C.
†Kera, Henry Morris	526 E. 5th st., N. Y. C.
Kirschner, W. Lee	80 W. 82d st., N. Y. C.
†Klein, Samuel M.	55 W. Jackson av., Corona, N. Y.
Klorman, Morris	99 Second av., N. Y. C.
Krugman, Bertram	878 Kelly st., N. Y. C.
†Lautman, John	2815 Boulevard, Jersey City, N. J.
Levine, Israel	Christ Hosp., Jersey City, N. J.
†Levy, Abraham	76 Rockaway av., Brooklyn, N. Y.
Lilienfeld, Michael C. C.	Montefiore Hosp., N. Y. C.
Livingston, Edward M.	Bellevue Hosp., N. Y. C.
†Lueddecke, Roland Ehlers	147 Sherman st., Passaic, N. J.
†Lynott, Thomas Francis	548 S. Salina st., Syracuse, N. Y.
Malatesta, Charles S.	Volunteer Hosp., N. Y. C.

NAME	ADDRESS
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†Marsh, Homer Preston	1629 Atfield av., Richmond Hill, N. Y.
Matusoff, Irving	U. S. Marine Hosp., Stapleton, N. Y.
†May, Israel	98 Boerum st., Brooklyn, N. Y.
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Mirkin, Charles Simpson	960 E. 173d st., N. Y. C.
Mirkin, Isidore Kennett	960 E. 173d st., N. Y. C.
Morhard, Francis Louis	United Hosp., Port Chester, N. Y.
†Mulot, Otto Louis	5 North st., Binghamton, N. Y.
†Newman, Louis	1427 Madison av., N. Y. C.
†Ormiston, William	114 Jay st., Albany, N. Y.
†Otto, Harold L.	385 Convent av., N. Y. C.
Partnoy, Nathan	Harlem Hosp., N. Y. C.
Paskofsky, William M.	211 Division st., N. Y. C.
Rogers, Henry W.	Kings Park, N. Y.
Rosen, Nils Gabriel	Bellevue Hosp., N. Y. C.
†Rosenblum, Jacob	250 W. 112th st., N. Y. C.
†Rosenfield, Harold H.	Bellevue Hosp., N. Y. C.
Rowland, John H.	St Vincent's Hosp., N. Y. C.
Rubinstein, Percy Morton	Harlem Hosp., N. Y. C.
Saphir, Sidney Melville	178 1st st., N. Y. C.
†Sarle, Willis Clayton	New Berlin, N. Y.
Sawhill, John Elden	Bellevue Hosp., N. Y. C.
†Schepps, Jesse	141 Stockton st., Brooklyn, N. Y.
†Schierge, Ernest Edward	Municipal Sanatorium, Otisville, N. Y.
†Schiff, Irwin	916 Myrtle av., Brooklyn, N. Y.
†Schimpf, William Howard	443 W. 34th st., N. Y. C.
Schwartz, Nathan	Harlem Hosp., N. Y. C.
Secofsky, David P.	Montefiore Hosp., N. Y. C.
Sherwin, Benjamin	960 Freeman st., N. Y. C.
Shiffman, Harry	253 E. 148th st., N. Y. C.
Siegal, William	Mt Sinai Hosp., N. Y. C.
Sileo, Francis	143 Mott st., N. Y. C.
Singer, Max	519 S. 11th st., Newark, N. J.
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Tower, Paul	70 Jefferson st., N. Y. C.
Vinski, Frank Vincent	116 N. 9th st., Brooklyn, N. Y.
Wechsler, Mendes Smyle	964 Fox st., Bronx, N. Y. C.
†Weinberg, Jacob	372 Alabama av., Brooklyn, N. Y.
Weiner, Morris M.	833 Park av., Brooklyn, N. Y.
†Weinstein, Sidney D.	91 Utica av., Brooklyn, N. Y.
Weiss, Morris Martin	69 Moore st., Brooklyn, N. Y.
Willner, Irving	Christ Hosp., Jersey City, N. J.

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Achilles, William E.	235 Gaundry st., North Tonawanda, N. Y.
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†Battaglia, Joseph Francis	127 Church st., Buffalo, N. Y.
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†Burritt, Norman Wyvell	Franklinville, N. Y.
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Crance, Albert Maurice	General Hosp., Buffalo, N. Y.
Creager, Florence Isabelle	Deaconess Hosp., Buffalo, N. Y.
D'Amanda, Christopher	Homeopathic Hosp., Buffalo, N. Y.
Dane, Elmer Le Roy	120 W. Eagle st., Buffalo, N. Y.
Denneen, John Paul	169 Parkside av., Buffalo, N. Y.
Douglass, Margaret	291 Huntington av., Buffalo, N. Y.
†Drumm, Gerald Francis	439 Flower City Park, Rochester, N. Y.
†Dunlay, Emmett B.	114 Park av., Watertown, N. Y.
Eddy, George Patterson	Lochial Apts., Niagara Falls, N. Y.
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†Gainey, John J. A.	77 Kingston pl., Buffalo, N. Y.
Goetz, Herbert Carl	35 E. Parade Circle, Buffalo, N. Y.
Goldstein, Henry N.	572 Spring st., Buffalo, N. Y.
†Graczyk, Stephen A.	28 Shepard st., Buffalo, N. Y.
Griffin, Grace Hovey	State Hosp., Rochester, N. Y.
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†Holbrook, Walter J.	246 Elmwood av., Buffalo, N. Y.
†Houck, James Sherman	Honeoye Falls, N. Y.
Huebschwerlen, Arthur S.	328 Ashland av., Buffalo, N. Y.
†Johnston, Julian F.	68 Lucile av., Atlanta, Ga.
Jung, Daniel jr	462 Grider st., Buffalo, N. Y.
King, Simon	Dansville, N. Y.
Kress, Louis C.	General Hosp., Buffalo, N. Y.
†Koester, Carl C.	1 Ellicott av., Batavia, N. Y.
†Krysztafkiewicz, Romuald	1004 Fillmore av., Buffalo, N. Y.
La Paglia, Joseph R.	156 Eagle st., Fredonia, N. Y.
†Lapp, Chauncey Martin	230 15th st., Buffalo, N. Y.
†Lapp, Shirley H.	230 15th st., Buffalo, N. Y.
†Lascola, Rose Margherita	Univ. of Buffalo, Buffalo, N. Y.
†Leahy, Leon Jerome	246 Elmwood av., Buffalo, N. Y.
†Lehnen, Martin B.	221 Glenwood av., Rochester, N. Y.
†Lewin, Thurber	1424 Jefferson st., Buffalo, N. Y.
Lewis, Henry Harrison	560 Michigan av., Buffalo, N. Y.
†Long, Allen Romaine	972 Lafayette av., Buffalo, N. Y.
Lyons, Edward J.	469 W. Ferry st., Buffalo, N. Y.
†McMahon, Ralph James	Bank st., Batavia, N. Y.
†Manzella, Louis Girard	324 Swan st., Buffalo, N. Y.
†Mayer, Joseph R.	138 Sellinger st., Rochester, N. Y.
†Minch, Charles	223 Franklin st., Buffalo, N. Y.
†Morgana, Dante James	854 7th st., Buffalo, N. Y.
†Myers, Willard Irving	46 Day st., Catskill, N. Y.
Nowak, Stanislas	782 Fillmore av., Buffalo, N. Y.
†O'Brien, Elmer William	124 Avery st., Rochester, N. Y.
O'Connor, James, A.	1833 Main st., Buffalo, N. Y.
†Orr, William J.	150 Hoyt st., Buffalo, N. Y.
Orvis, Edgar P.	Orchard Park, N. Y.
Park, Benjamin Spencer	411 Liberty st., Painesville, Ohio
Pech, Henry L.	1095 Broadway, Buffalo, N. Y.
Pettingell, Eloise M.	162 Clinton st., Tonawanda, N. Y.
Post, John Asa	130 Summit av., Buffalo, N. Y.
†Putney, Willis Henry	Forestville, N. Y.
†Reimann, Hobart A.	12 Willow Lawn, Buffalo, N. Y.
†Rennie, William	156 Fordham dr., Buffalo, N. Y.
†Resman, Louis	273 Amherst st., Buffalo, N. Y.
†Richter, Allen Edwin	1443 Broadway, Buffalo, N. Y.
Rottger, Clarence O.	66 High st., Buffalo, N. Y.
†Schaefer, Norbert B.	230 Emslie st., Buffalo, N. Y.
Schneider, Harvey C.	Town Line, N. Y.
Schwartz, Frederick L.	St. M. C. Office-Material School Infirmary 5, Naval Auxiliary Res., Pelham Bay, N. Y.
Stewart, Wallace Roland	B-17 Carlton Court, Buffalo, N. Y.
†Striegel, Raymond John	96 May st., Buffalo, N. Y.
†Tannenbaum, Virginia Claiborne	543 Ashland av., Buffalo, N. Y.
Teresi, Charles C.	139 Davis st., Rochester, N. Y.
Tripi, Joseph A.	St. Francis Hosp., N. Y. C.
†Tuttle, Robert J.	Cattaraugus, N. Y.
†Tyrrell, Martin E.	Forks, N. Y.
Valone, Frank H.	City Hosp., Buffalo, N. Y.
†Wadsworth, John V.	370 Franklin st., Buffalo, N. Y.
†Watt, James Harold	54 Cass st., Hornell, N. Y.
†Whitley, Matilda Arnold	372 Bryant st., Buffalo, N. Y.
†Wintermantel, Joseph Adam jr	76 Church st., Buffalo, N. Y.
†Woggon, Arthur Carl	437 Parsells av., Rochester, N. Y.
†Wormer, Duncan Lee	302 N. Clinton st., Olean, N. Y.
Wright, V. William M.	General Hosp., Philadelphia, Pa.

Woman's Medical College of New York Infirmary

†Cole, Frances H.

18 S. Ninth av., Mount Vernon, N. Y.

Credentials of the following were indorsed by vote of the Board of Regents under provision of chapter 357, Laws of 1917:

NAME	ADDRESS
Borden, William Cline	2306 Tracy pl., Washington, D. C.
Burr, Chauncey Rea	130 Park st., Portland, Maine
Cole, Charles Higgins	Med. Director of Sunnyrest Sanitarium Crookston, Minn.
Dalla-Chiara, Giuseppe	260 W. 57th st., N. Y. C.
Davis, Alquin Jay	Ray Brook, N. Y.
Draper, Francis Eugene	800 Riverside dr., N. Y. C.
Fisher, John Leroy	Med. Corps, Ft Constitution, N. H.
Galvin, John William	1917 Third av., Louisville, Ky.
Goglia, Francesco	101 W. 5th st., Elmira, N. Y.
Hack, Charles W.	25 W. 45th st., N. Y. C.
Harpel, George W.	19 Green st., Rochester, N. Y.
Hirsh, A. Bern	71 W. 94th st., N. Y. C.
Irving, George Russell	55 Hanson pl., Brooklyn, N. Y.
McLeay, John A.	Majestic Hotel, N. Y. C.
Murphy, John Chrisostom	391 Communipaw av., Jersey City, N. J.
Nutter, John Appleton	5 Livingston pl., N. Y. C.
Rowell, Edward E.	Stamford, Conn.
Washburn, Elliott	105 E. 22d st., N. Y. C.

Group 2

SCHOOLS IN OTHER STATES

California

Leland Stanford Jr University, School of Medicine

Hashiba, George K.	114 E. 39th st., N. Y. C.
Tognazzini, Irene A.	Bellevue Hosp., N. Y. C.

Connecticut

Yale University, medical department, New Haven

Hahn, Leo Joseph	Mt Sinai Hosp., N. Y. C.
†Potter, James Craig	1487 South av., Rochester, N. Y.

District of Columbia

George Washington University, School of Medicine, Washington

Powers, Richard T.	88 Market st., Annapolis, Md.
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Howard University, medical department, Washington

†Holdbrooks, Alonzo Albert	31 Ege av., Jersey City, N. J.
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Illinois

Bennett College of Eclectic Medicine and Surgery

Rosin, Clifton Mears	116 W. 84th st., N. Y. C.
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Chicago College of Medicine and Surgery

†Normandeau, Florence J. V.	640 Fifth av., Milwaukee, Wis.
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Chicago Homeopathic College

Tuttle, Homer	Sayre, Pa.
---------------	------------

Illinois Medical College, Chicago

Zins, Louis Edward	183 N. Clark st., Chicago, Ill.
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Rush Medical College, University of Chicago

†Green, John Winston	145 Audubon av., N. Y. C.
Thomson, Charles Alexander	Willard Parker Hosp., N. Y. C.

University of Illinois, Chicago

Dorewitz, Maurice	1835 Niagara av., Niagara Falls, N. Y.
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Indiana

Indiana University School of Medicine, Indianapolis

†Woods, Charles Edwin	Great Neck Station, N. Y.
-----------------------	---------------------------

Louisiana

Tulane University of Louisiana, School of Medicine, New Orleans

Dorsey, Hubert C.	U. S. A. General Hosp., Otisville, N. Y.
-------------------	--

Maryland

College of Physicians and Surgeons, Baltimore

Nicol, Charles F.	Municipal Sanitarium, Otisville, N. Y.
-------------------	--

Maryland (continued)

NAME	ADDRESS
<i>Johns Hopkins University, medical department, Baltimore</i>	
Armstrong, Jane B.	102 W. Liberty st., Rome, N. Y.
Hallock, David Horace	Main st., Southampton, N. Y.
Putnam, Mary	34 Ash st., Cambridge, Mass.
Zadek, Isadore	49 Sayre st., Montgomery, Ala.
<i>University of Maryland, School of Medicine, Baltimore</i>	
Strandberg, Herbert Lawrence	221 Brighton av., Perth Amboy, N. J.

Massachusetts

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Henkin, Charles L.	1172 Barnum av., Bridgeport, Conn.
<i>Harvard University, School of Medicine</i>	
Angevine, Robert Winsper	857 Genesee st., Rochester, N. Y.
Ayer, Vernon Alexander	Old City Hospital, Kansas City, Mo.
Bailey, Charles Hervey	51 Kraft av., Bronxville, N. Y.
Donovan, Jeremiah John	Base Hospital 92, Camp Merritt, N. J.
Greene, Phillips Foster	St Luke's Hosp., N. Y. C.
Mac Ausland, Andrew R.	240 Newbury st., Boston, Mass.
Pennoyer, Grant Palmer	Roosevelt Hosp., N. Y. C.
Shields, James B.	273 Glen st., Glens Falls, N. Y.
Williamson, Alexander H.	2020 Broadway, N. Y. C.
<i>Tufts College Medical School</i>	
Guzzetta, Anthony James	Avon, N. Y.
Kaufman, Morris Frank	1175 Washington st., Norwood, Mass.
Konikow, Antoinette F.	1371 Hoe av., N. Y. C.
Loewe, Walter Ralph	U. S. Naval Laboratory, Brooklyn, N. Y.
Mc Clintock, Elsie	105 Columbia Heights, Brooklyn, N. Y.
Madden, John J.	34 Butler pl., Brooklyn, N. Y.
Sarason, Lillian	Bellevue Hosp., N. Y. C.
Shaw, John A.	1065 Morris av., N. Y. C.
Looker, Harold Clifton	14 Larchmont av., Larchmont Manor, N. Y.

Michigan

<i>University of Michigan, department of medicine and surgery, Ann Arbor</i>	
Foss, John F.	725 Park av., Dunkirk, N. Y.
Howes, William Edward	Brooklyn Hosp., Brooklyn, N. Y.
O'Brien, Henry Rust	Brooklyn Hosp., Brooklyn, N. Y.
Wilkinson, Mac Naughton	General Hosp., Rochester, N. Y.

New Hampshire

<i>Dartmouth Medical College, Hanover</i>	
†Everson, George jr	364 Green av., N. Y. C.
†Tower, Arthur A.	8 E. 3d st., N. Y. C.

Ohio

<i>Eclectic Medical Institute, Cincinnati</i>	
‡Dallanbaugh, W. Carl	192 Bryant st., North Tonawanda, N. Y.
‡Maltaner, Maude Clement Glines	29 W. 104th st., N. Y. C.
<i>Miami Medical College, Cincinnati</i>	
‡Landman, Michael L.	Ritz Chambers, 24 E. 48th st., N. Y. C.
<i>Starling Medical College, Columbus</i>	
‡Brehm, Gilbert Wayne	13 Pleasant av., Montclair, N. J.
<i>Western Reserve University, School of Medicine, Cleveland</i>	
‡Herz, Ralph	Metropolitan Hosp., N. Y. C.
<i>Wooster University, Cleveland</i>	
‡Brooks, John M.	312 Prendergast av., Jamestown, N. Y.

Oklahoma

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Mirman, Joseph Myer	716 Pine st., Philadelphia, Pa.
‡Morgan, B. Franklin	126 Oxford av., Buffalo, N. Y.
Quinlan, John Thomas	221 E. 39th st., N. Y. C.
‡Roberts, Charles Kingsley	175 W. 58th st., N. Y. C.
Shapiro, Morris Earl Leonard	Kulpmont, Pa.
Smith, Ruric N.	94 Livingston st., Brooklyn, N. Y.

Pennsylvania (continued)

NAME	ADDRESS
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†Van Valzah, John Adams	3226 N. 17th st., Philadelphia, Pa.
<i>Philadelphia College and Infirmary of Osteopathy</i>	
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Maybee, Mildred L.	"Birchmonte," North Conway, N. H.
<i>University of Pennsylvania, School of Medicine, Philadelphia</i>	
Blackstone, Basil Brown Gordon	172 Leonard st., Brooklyn, N. Y.
Ellis, Francis D. jr	48 N. Delaware av., Philadelphia, Pa.
Ellis, Frank Alberson	St Luke's Hosp., N. Y. C.
Gracey, George Fay	50 W. 52d st., N. Y. C.
Jones, Griffith Smith	161 W. 61st st., N. Y. C.
Ornstein, Abraham M.	149 E. 67th st., N. Y. C.
Reich, Abraham L.	818 S. 15th st., Newark, N. J.
Sauer, Paul Kurt	Red Bank, N. J.
Vincent, U. Conrad	Bellevue Hosp., N. Y. C.
Wallace, Irving Francis	859 S. Clinton st., Syracuse, N. Y.
<i>Woman's Medical College of Pennsylvania, Philadelphia</i>	
Dayton, Edna B.	1512 N. Gratz st., Philadelphia, Pa.
Finkler, Ricka Sapiro	38 Prospect av., Flushing, N. Y.
†Hand, Anna Maria	118 Wright av., Bayside, N. Y.
†M'Grath, Katharine S. P.	64 Napier av., Richmond Hill, N. Y.
†Pearson, Mabel Hattersley	Woman's Med. Coll. of Pa., Philadelphia, Pa.
Russell, Ethel Clarissa	Bellevue Hosp., N. Y. C.
†Upham, Helen Frances	305 Third av., Asbury Park, N. J.

South Carolina

<i>South Carolina Medical College, Charleston</i>	
Mc Daniel, Floyd C.	134 W. 70th st., N. Y. C.

Tennessee

<i>University of Tennessee College of Medicine, Memphis</i>	
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<i>Vanderbilt University, medical department, Nashville</i>	
Eggstein, Andrew A.	Presbyterian Hosp., N. Y. C.

Vermont

<i>University of Vermont, College of Medicine, Burlington</i>	
Free, John Edward	129 Loomis st., Burlington, Vt.
†Haskell, Charles N.	27 William st., N. Y. C.
†Johnson, Douglass B.	2460 Seventh av., N. Y. C.
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Stiles, Hubert R.	88 Clarkson st., Dorchester, Mass.
Worden, Rollin Duane	State Hosp., Kings Park, L. I.

Virginia

<i>Medical College of Virginia, Richmond</i>	
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<i>University College of Medicine, Richmond</i>	
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†Dunnington, John Hughes	80 W. 40th st., N. Y. C.
†Fowlkes, John Winston jr	Bellevue Hosp., N. Y. C.
Newman, Samuel	Italian Benevolent Inst. & Hosp., N. Y. C.
Trautmann, Henry	Willard Parker Hosp., N. Y. C.

Group 3

SCHOOLS IN FOREIGN COUNTRIES

Canada

<i>McGill University, Faculty of Medicine, Montreal</i>	
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Canada (continued)

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	Italy
<i>Royal University of Naples</i>	
†Tomasulo, Cesare	136 Ridge st., Newark, N. J.
	Turkey
<i>Syrian Protestant College, Beirut, Syria</i>	
Tatarian, Hovsep Havhannes	Nassau Hosp., Mineola, N. Y.

TABLE 2

Record of examinations for chiropodist July 1, 1918-June 30, 1919

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Cohen, Abraham	208 E. 6th st., N. Y. C.
Cooper, Samuel	66 First av., N. Y. C.
Dallek, Alexander	1981 Southern blvd., N. Y. C.
de Marsico, Michele	137 E. 116th st., N. Y. C.
Eigg, Max	122 E. 103d st., N. Y. C.
Faust, Mandel	209 Forsyth st., N. Y. C.
Foley, Mary K.	52 Manhattan st., N. Y. C.
Freda, Severino	222 Hamilton av., New Brighton, N. Y.
Goldschmidt, Alexander	435 E. 138th st., N. Y. C.
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Goodman, Louis M.	970 Union av., N. Y. C.
Grillo, Giovanna	237 E. 107th st., N. Y. C.
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Hofman, Gustav	398 Palisade av., Jersey City, N. J.
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Klein, Joseph H.	306 Seabreeze av., Brooklyn, N. Y.
Kline, Ernest I.	724 E. 160th st., N. Y. C.
Larsen, Hugo V.	46 W. 139th st., N. Y. C.
Lehman, Mortimer	746 Jackson av., N. Y. C.
Lovenson, Alphonse L.	895 West End av., N. Y. C.
Mapes, Velma	Palace Hotel, Missoula, Mont.
Marder, Samuel A.	174 Essex st., N. Y. C.
Meadow, Joseph	2157 Mapes av., N. Y. C.
Medina, David	62 W. 124th st., N. Y. C.
Mendelsch, Paul	696 Willoughby av., Brooklyn, N. Y.
Monk, Jacob	57 E. 102d st., N. Y. C.
Rav, Max	257 S. 9th st., Brooklyn, N. Y.
Robie, Florence M. E.	39 3d st., Newburgh, N. Y.
Schiffer, Laura M.	55 First av., N. Y. C.
Schifter, Charles	669 Eighth av., N. Y. C.
Schocht, Max M.	443 Claremont pkwy., N. Y. C.
Schuster, George C.	431 E. 51st st., N. Y. C.
Singer, Murray G.	92 St Nicholas av., N. Y. C.
Storey, Dudley Hutson	35 Lexington av., Brooklyn, N. Y.
Tapolow, Charles S.	769 Halsey st., Brooklyn, N. Y.
Tirman, Charles B.	967 Jefferson av., Brooklyn, N. Y.
Trompeter, Jacob S.	622 E. 169th st., N. Y. C.
Weyl, Samuel L.	1559 Madison av., N. Y. C.
Wiener, David	145 W. 11th st., N. Y. C.
Windt, Milton	341 W. 24th st., N. Y. C.

Admitted to examination upon evidence of five years' practice in Louisiana
 Trossy, Mickfeld H. 279 Kosciuszko st., Brooklyn, N. Y.

Admitted to examination upon evidence of five years' practice in Pennsylvania
 Emens, John Faitoute 204 Northampton st., Easton, Pa.

TABLE 3

**Record of dental licensing examinations and indorsement of
credentials July 1, 1918-June 30, 1919**

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

† Indicates those who have passed the first part of the divided examination only.

‡ Indicates those who have been licensed under exemptions in laws.

Group 1 NEW YORK SCHOOLS		
NAME		ADDRESS
<i>College of Dental and Oral Surgery of New York</i>		
Abelson, Abraham Louis	8421	Twenty-first av., Brooklyn, N. Y.
† Ackerman, Herbert	1277	Franklin av., N. Y. C.
Ament, Samuel A.	11	E. 101st st., N. Y. C.
Atinsohn, Clara	535	E. 148th st., N. Y. C.
Axelrod, Joseph	534	Grand st., N. Y. C.
Axelrod, Leon	17	W. 111st st., N. Y. C.
Bacon, Abraham Irving	26	Passaic st., Dover, N. J.
Beller, Harry	53	E. 95th st., N. Y. C.
Bender, Pauline	66	W. 77th st., N. Y. C.
Bercea, Mary N.	160	E. 46th st., N. Y. C.
Berkelhammer, Isaac Edward	35	E. 110th st., N. Y. C.
Berkman, Henry	2138	65th st., Brooklyn, N. Y.
Berlin, Nathan	81	Broadway, Brooklyn, N. Y.
Beyer, Alfred Groth	310	Summit av., Mount Vernon, N. Y.
Biemer, Frank Henry	622	Bainbridge st., Brooklyn, N. Y.
Black, Maurice	125	E. 86th st., N. Y. C.
Blinder, Charles	285	Division av., Brooklyn, N. Y.
Blinn, Abraham Bernard	32	Thattford av., Brooklyn, N. Y.
Bloomfield, John	347	E. 10th st., N. Y. C.
Blume, Milton E.	50	Bay 25th st., Brooklyn, N. Y.
Bogdonoff, Meyer Myron		Dep't of the Interior, St Elizabeth Hosp., Washington, D. C.
Bogdonoff, Samuel		St Elizabeth Hosp., Washington, D. C.
Bonwit, Seymour Lewis	45	Ravine av., Jersey City, N. J.
Breslow, David	1936	Prospect pl., Brooklyn, N. Y.
Brounstein, David W.	101	W. 112th st., N. Y. C.
Capozzi, Fannie E.	325	E. 116th st., N. Y. C.
Chayes, Charles A.	11	W. 33d st., Bayonne, N. J.
Cohen, Gershon George	4	Alburtis av., Corona, N. Y.
Cohen, Jesse Martin	549	W. 163d st., N. Y. C.
Cohen, Samuel M.	31	Pike st., N. Y. C.
Collins, William Joseph	13	Academy st., Amsterdam, N. Y.
Cotter, Harry Norman	454	Fort Washington av., N. Y. C.
Cyriax, Ernest A.	219	E. 71st st., N. Y. C.
David, Lawrence Stafford	325	Grand st., N. Y. C.
Degnon, Willard Anthony		Montefiore Hosp., N. Y. C.
Demarest, William	202	Rutland rd., Brooklyn, N. Y.
Dinaburg, Ruth	64½	Graham av., Brooklyn, N. Y.
Dwyer, Horace Shirley	843	Herkimer st., Brooklyn, N. Y.
Edelman, Nathan	54	W. 116th st., N. Y. C.
Enteen, George	354	Pennsylvania av., Brooklyn, N. Y.
† Epstein, Lillis	2938	W. 32d st., N. Y. C.
Epstein, Michael	160	Clinton st., N. Y. C.
Esser, Abraham Segal	83	Buffalo av., Brooklyn, N. Y.
Feder, Harry Maurice	41	Lucille pl., Passaic, N. J.
Fennelly, William A.	110	Magnolia av., Jersey City, N. J.
Finkenthal, Benjamin	48	E. 105th st., N. Y. C.
Freiwirth, Jacob B.	1084	Manhattan av., Brooklyn, N. Y.
Freund, Israel	85	Stanton st., N. Y. C.
Friedman, David	310	E. 49th st., N. Y. C.
Fuchs, Felix Bruno	1337	Fulton st., Brooklyn, N. Y.
Gabrielson, Benjamin	1785	Fulton av., N. Y. C.
Gerard, Edward Lyle	1186	Washington av., N. Y. C.
Gerendasy, Samuel	428	E. 67th st., N. Y. C.
Glassman, Simon	511	W. 177th st., N. Y. C.
Glatzer, Benjamin	417	13th st., West New York, N. J.
Goffin, Harry O.	107	Pennsylvania av., Brooklyn, N. Y.
Goldberg, Ward Sylvester	506	Cross st., Harrison, N. J.
Goldberger, William S.	314	E. 3d st., N. Y. C.
Goldfarb, Aaron T.	1111	Westchester av., N. Y. C.
Goldfarb, Frank Morton	1678	Bathgate av., N. Y. C.
Goldfarb, Israel J.	2650	Briggs av., N. Y. C.
Goldschlag, Henry	212	E. 3d st., N. Y. C.
Granetz, Saul S.		Raritan, N. J.
Greenbaum, Emanuel	1745	St John's pl., Brooklyn, N. Y.

NAME	ADDRESS
†Greenbaum, Jacob Morris	985 Tiffany st., N. Y. C.
Greenberg, Samuel	858 Fox st., N. Y. C.
Greenfeld, David	196 Hooper st., Brooklyn, N. Y.
Gromet, Celia	971 Manhattan av., Brooklyn, N. Y.
Gross, Herbert	Fordham Hosp., N. Y. C.
Gross, Jacob	734 E. 160th st., N. Y. C.
Handelman, Herman	1227 Union av., N. Y. C.
Hardy, James Hazen	592 E. 165th st., N. Y. C.
Harris, Lamar A.	298 Washington av., Rockaway, N. Y.
Harwick, Nathaniel T.	1017 Intervale av., N. Y. C.
Haugh, John Denis	34 Merwin st., Norwalk, Conn.
Hausman, Emil	23 E. 103d st., N. Y. C.
Hemley, Samuel	198 Mc Donough st., Brooklyn, N. Y.
Henkin, Maxwell A.	273 Watkins st., Brooklyn, N. Y.
†Hepner, Milton	790 E. 163d st., N. Y. C.
Hirscher, Saul	825 E. 163d st., N. Y. C.
Hoffman, Harry Edward	628 Manhattan av., Brooklyn, N. Y.
Hornstein, Fanny	615 S. Seventh av., Mount Vernon, N. Y.
Horowitz, Ida	171 Henry st., N. Y. C.
Jalofsky, Harry Elihu	158 Grafton st., Brooklyn, N. Y.
Ianos, Abraham Lincoln	56 St Mark's pl., N. Y. C.
Jones, James Morris	U. S. S. Granite State, Ft 96th st. & Hudson river, N. Y. C.
Jones, Martha Erma	1043 Warren av., East Detroit, Mich.
Kaplan, Abraham	762 Second av., N. Y. C.
Kaplan, Paul	16 E. 105th st., N. Y. C.
Katchewitz, Samuel	345 E. 56th st., N. Y. C.
Katz, Phoebe Ida	439 Hendrix st., Brooklyn, N. Y.
Kavaller, Joseph	38 E. 112th st., N. Y. C.
Keber, Paul J.	233 E. 88th st., N. Y. C.
Kessler, Charles R.	249 2d st., N. Y. C.
Kirsch, Jacques	701 E. 175th st., N. Y. C.
†Klein, Louis	64 E. 113th st., N. Y. C.
Klein, Matthew Kay	869 W. 180th st., N. Y. C.
Klein, Milton	887 Forest av., N. Y. C.
Klein, Philip	236 Madison st., N. Y. C.
Korn, Irving	99 Avenue B, N. Y. C.
Krellenstein, Reuben	941 Tiffany st., N. Y. C.
Kristal, Allen Ira	1879 Southern blvd., N. Y. C.
Landberg, Louis	200 Union Hall st., Jamaica, N. Y.
Landsman, Ned	134 W. 112th st., N. Y. C.
Leffkowitz, Jacob Theodore	862 Sutter av., Brooklyn, N. Y.
Leight, Bernard B.	1818 Prospect pl., Brooklyn, N. Y.
Levine, Abraham	882 Lafayette av., Brooklyn, N. Y.
Levine, Abraham J.	1818 Prospect pl., Brooklyn, N. Y.
Levine, Lina F.	706 Willoughby av., Brooklyn, N. Y.
Levine, Samuel	750 Marcy av., Brooklyn, N. Y.
Levine, William	436 Van Sicken av., Brooklyn, N. Y.
Levy, Samuel H.	2 W. 112th st., N. Y. C.
Lichter, Bernard	172 Bay 31st st., Brooklyn, N. Y.
Lifton, Jacob C.	1202 Vyse av., N. Y. C.
Linchitz, Samuel E.	156 E. 2d st., N. Y. C.
Lippman, William	60 W. 119th st., N. Y. C.
Lubitz, Morris	44 Suffolk st., N. Y. C.
Lurie, Benjamin	317 Chester st., Brooklyn, N. Y.
Lyons, Leo	2586 Bainbridge av., N. Y. C.
Mac Donald, Ernest	208 Prince st., Brooklyn, N. Y.
McKinney, Robert L.	532 Newark av., Jersey City, N. J.
Maber, John Francis	126 Park av., Paterson, N. J.
Mahler, Benjamin	181 Griffith st., Jersey City, N. J.
Mahler, Murray S.	57 E. 105th st., N. Y. C.
Mamlet, Samuel	231 Howe av., Passaic, N. J.
Mand, Jacob H.	495 E. 174th st., N. Y. C.
Mann, Annis	1500 Boston rd., N. Y. C.
Marcus, Julius	1438 45th st., Brooklyn, N. Y.
Marder, Joseph Theodore	862 Kelly st., N. Y. C.
Martin, Benjamin Harris	23 E. 107th st., N. Y. C.
†Martin, James Joseph	Atlantic Highlands, N. J.
Menkowitz, Isidor	307 Bradford st., Brooklyn, N. Y.
Morse, Harold Lee	103 E. 111th st., N. Y. C.
†Moss, Ludwig	271 Steinway av., Long Island City, N. Y.
†Nadel, Maurice	206 Rivington st., N. Y. C.
Nager, Isidor B.	863 Hunt's Point av., N. Y. C.
Nash, Frances B.	68 W. 7th st., Bayonne, N. J.
Ofner, Henriette	1451 Nostrand av., Brooklyn, N. Y.
Pasternak, Benjamin	1011 Southern blvd., N. Y. C.
Phillips, Percy Toumine	2889 Bainbridge av., N. Y. C.
Platt, Milton Tuthill	1532 54th st., Brooklyn, N. Y.
Posen, Daniel	1018 E. 163d st., N. Y. C.
Preschel, Herman	58 E. 7th st., N. Y. C.

NAME	ADDRESS
Puchkoff, Morris	484 Hegeman av., Brooklyn, N. Y.
Redmond, William J.	155 Underhill av., Brooklyn, N. Y.
Reisman, Harry	27 Pike st., N. Y. C.
Reisner, Irving	830 De Kalb av., Brooklyn, N. Y.
Reisner, Joseph Leo	550 W. 144th st., N. Y. C.
†Ritter, Philip Myron	167 Webster av., Brooklyn, N. Y.
Robinson, Charles	1779 E. 13th st., Brooklyn, N. Y.
Rochester, William Austin	149 Cornelia st., Brooklyn, N. Y.
†Rosenberg, Joseph H.	1302 Avenue R, Flatbush, Brooklyn, N. Y.
Rosenberg, Louis Sylvan	139 Delancey st., N. Y. C.
Rosenblum, Jacob	959 E. 163d st., N. Y. C.
Rosinoff, Lillian Barkann	136 Kensington av., Jersey City, N. J.
†Roth, Rose	194 Graham av., Brooklyn, N. Y.
Rubin, Ruth	121 Second av., N. Y. C.
Rudolph, Joseph	128 Boerum st., Brooklyn, N. Y.
Ruffine, Louis R.	459 Watkins st., Brooklyn, N. Y.
Saks, Jack I.	871 Home st., N. Y. C.
†Sale, Freda R.	829 Hart st., Brooklyn, N. Y.
Salkin, Isaac	815 Main st., Peekskill, N. Y.
Samet, Morris	549 Van Sicklen av., Brooklyn, N. Y.
Sanger, Katherine Day	34 Harrison st., East Orange, N. J.
Sapirstein, Martha E.	192 Hillside av., Jamaica, N. Y.
Scalettar, Harry Emanuel	427 Watkins st., Brooklyn, N. Y.
Scheer, William	810 Eagle av., N. Y. C.
Scheinberg, Abram Jay	66 Montgomery st., N. Y. C.
†Scherer, Alexander Sanders	154 Rutledge st., Brooklyn, N. Y.
Schlossman, Samuel	365 Sheffield av., Brooklyn, N. Y.
Schmitt, Lucian N.	421 6th st., Brooklyn, N. Y.
Schneider, Alexander J.	519 W. 138th st., N. Y. C.
Schoenfeld, Louise	1245 Herald av., Richmond Hill, N. Y.
Schulster, Rose	870 Macy pl., N. Y. C.
Schur, Arthur	Gouverneur Hosp., N. Y. C.
Schwartz, Matthew	514 W. 134th st., N. Y. C.
†Schwartz, Milton	72 Vermilyea av., N. Y. C.
†Seldin, Julius Bernard	11 W. 113th st., N. Y. C.
Seligman, Nathan	815 E. 167th st., N. Y. C.
Shaftan, Theodore	2 E. 107th st., N. Y. C.
Shanera, Archie	765 Eighth av., N. Y. C.
Sheinberg, Adele	419 E. 6th st., N. Y. C.
Shendell, Isaac	562 Bedford av., Brooklyn, N. Y.
Sherman, May	1466 49th st., Brooklyn, N. Y.
†Siegel, Louis H.	741 Jennings st., N. Y. C.
Silverstein, Louis	1344 Lyman pl., N. Y. C.
Silverstein, Nathan	133 Heyward st., Brooklyn, N. Y.
Simson, Alexander L.	1773 Lexington av., N. Y. C.
Smith, Arthur Leon	2246 Grand Concourse, N. Y. C.
Socol, Fannie Vivian	49 W. 127th st., N. Y. C.
Solovey, Abraham	853 E. 176th st., N. Y. C.
Sorock, Morris	309 E. 21st st., Brooklyn, N. Y.
†Stang, Harry	24 W. 115th st., N. Y. C.
Steurer, Charles Samuel	44 S. Croton av., Tarrytown, N. Y.
Strum, Jacob Z.	57 E. 106th st., N. Y. C.
Sultan, Saul	1804 86th st., Brooklyn, N. Y.
Summergrade, Harry Oswald	1658 50th st., Brooklyn, N. Y.
Sussler, Abraham Albert	118 E. 29th st., N. Y. C.
Swan, Reginald Carmen	138 W. 53d st., N. Y. C.
Tanenbaum, Harry S.	2009 Honeywell av., N. Y. C.
†Thieme, Rudolph L.	1683 Palmetto st., Brooklyn, N. Y.
Towner, William Arthur	Brewster, N. Y.
Tretiak, Alexander	309 E. 10th st., N. Y. C.
Tushnett, Samuel Martin	752 Westchester av., N. Y. C.
Ursini, Drahomir George	334 E. 72d st., N. Y. C.
von Elvershofen, Walter J. R.	2310 Valentine av., N. Y. C.
Wack, Louis	2175 Eighth av., N. Y. C.
Waller, Cyril A. P.	762 Herkimer st., Brooklyn, N. Y.
Warlin, Rosa S.	600 W. 187th st., N. Y. C.
Weinstein, Sidney	1851 Seventh av., N. Y. C.
Weis, Joseph Constantine	460 Willoughby av., Brooklyn, N. Y.
Weiss, Jacob Louis	326 50th st., Brooklyn, N. Y.
Weissman, Joseph I.	689 Belmont av., Brooklyn, N. Y.
Wheeler, Clifford Slater	560 Fifth av., N. Y. C.
Whelan, Robert Bruce	205 W. 102d st., N. Y. C.
Wiener, David	316 Sumner av., Brooklyn, N. Y.
Wohl, Nathaniel	250 Dumont av., Brooklyn, N. Y.
Wolfman, Joseph	214 Sands st., Brooklyn, N. Y.
Wolkind, Minna	1226 Boynton av., N. Y. C.
Wolpert, Benjamin	794 Home st., N. Y. C.
Yachelson, Augusta	1147 40th st., Brooklyn, N. Y.
†Zahn, David Louis	616 5th st., N. Y. C.
Zeller, William George	2142 Arthur av., N. Y. C.
Ziff, Morris Bernard	1655 Washington av., N. Y. C.

NAME	ADDRESS
<i>New York College of Dentistry</i>	
Abelowitz, William	382 E. 10th st., N. Y. C.
Agnew, Thomas J.	525 Clinton av., West Hoboken, N. J.
†Albert, Alexander Herbert	831 Hunt's Point av., N. Y. C.
Arkin, Jesse	1018 E. 163d st., N. Y. C.
Arnold, Wendell Merrick	768 Hancock st., Brooklyn, N. Y.
Asgis, Alfred	224 W. 142d st., N. Y. C.
Barshad, Maurice Stanley	622 W. 137th st., N. Y. C.
†Berger, John	552 Fox st., N. Y. C.
†Berlinski, Benjamin	1395 Bristow st., N. Y. C.
Bernikow, John	3418 Fulton st., Brooklyn, N. Y.
†Bernstein, Isidore	521 Rockaway av., Brooklyn, N. Y.
Bialo, Emanuel	889 Rogers pl., N. Y. C.
†Bisnoff, Harry L.	388 Vermont st., Brooklyn, N. Y.
Bloomfield, Samuel	67 Avenue A, N. Y. C.
†Borst, Henry Valentine	199 Second av., N. Y. C.
Braunstein, Henry	252 S. 9th st., Brooklyn, N. Y.
†Bregstein, S. Joseph	635 74th st., Brooklyn, N. Y.
†Bricker, Irving	932 Kelly st., N. Y. C.
Brooks, Irving	540 E. 138th st., N. Y. C.
Bruder, Milton	368 W. 118th st., N. Y. C.
†Budinoft, Benjamin	161 E. 7th st., N. Y. C.
Burack, Abraham	397 Hillside av., Nutley, N. J.
Burke, Joseph Roger	227 E. 172d st., N. Y. C.
†Burnstone, Michael	1841 Forbell av., Brooklyn, N. Y.
†Cahen, Leon Reginald	75 Fort Washington av., N. Y. C.
Camenir, Froim	946 Union av., N. Y. C.
†Chodroff, Harry George	738 Fourth av., Brooklyn, N. Y.
Clark, Asa Baldwin	Flushing Hosp., Flushing, N. Y.
Coen, Clarence H.	399 1st st., Brooklyn, N. Y.
Cohan, Samuel Howard	34 Columbia st., Ansonia, Conn.
Cohen, David S.	569 W. 150th st., N. Y. C.
Cohen, Jacob	1774 Park pl., Brooklyn, N. Y.
†Cohen, Meyer	139 Eldridge st., N. Y. C.
Cohen, Samuel	299 Stone av., Brooklyn, N. Y.
Cohen, William	141 S. Oak st., Mount Carmel, Pa.
†Cunningham, William Joseph	268 W. 132d st., N. Y. C.
Danetz, Louis	130 S. Fifth av., Mount Vernon, N. Y.
Davis, Joseph	230 Ellery st., Brooklyn, N. Y.
†Debrot, Jean Jacques jr	116 E. 60th st., N. Y. C.
Delany, Henry Beard jr	100 W. 143d st., N. Y. C.
Delson, Leon	1060 Madison av., N. Y. C.
Denner, Israel	53 Mangin st., N. Y. C.
Dow, Stanley Milton	7601 Amboy av., Totenville, N. Y.
Duhl, Louis	144 Attorney st., N. Y. C.
Dworkin, Herman Morris	811 Ritter pl., N. Y. C.
†Eldridge, Zachary	1128 Clay av., N. Y. C.
Elters, Murray	Carlstadt, N. J.
Feitelberg, Samson A.	116 N. Seventh av., Mount Vernon, N. Y.
†Feldberg, David	67 Meserole st., Brooklyn, N. Y.
Feldman, George	167 E. 72d st., N. Y. C.
†Feldman, Samuel	278 E. 7th st., N. Y. C.
Finkelstein, Louis	204 Herzl st., Brooklyn, N. Y.
Foley, Walter Anthony	479 Van Cortlandt Park, Yonkers, N. Y.
Forman, George H.	1302 Hoe av., N. Y. C.
Frahm, Gustav P.	180 Barclay st., Flushing, N. Y.
Franzblau, Samuel	559 Stone av., Brooklyn, N. Y.
Frey, Harry	976 Kelly st., N. Y. C.
Friedman, Edward	683 Greene av., Brooklyn, N. Y.
Friedman, Joseph	445 E. 140th st., N. Y. C.
Friedman, Louis	601 W. 179th st., N. Y. C.
†Friedman, Theodore	303 Boulevard, Rockaway Beach, N. Y.
Gellert, Leo	748 E. 6th st., N. Y. C.
Ginsburg, Nathan	506 Claremont pkwy., N. Y. C.
Glick, Morris	883 Southern blvd., N. Y. C.
Glucksman, Dennis	811 Kelly st., N. Y. C.
Goerke, Francis Charles	565 High st., Newark, N. J.
Goldfish, Max Jacob	21 Seigel st., Brooklyn, N. Y.
Goldman, Bernard	146 Thatford av., Brooklyn, N. Y.
Goldman, Irving	9 Greenwich av., N. Y. C.
Goldschlag, Louis Morris	105 Stanton st., N. Y. C.
†Goldschlag, Paul Ethan	819 Blake av., Brooklyn, N. Y.
Goldstein, Alfred Jasper	319 Main st., Paterson, N. J.
Goldwyn, Walter	739 Second av., N. Y. C.
Goodman, Jesse	827 Union av., N. Y. C.
Goodman, Samuel	21 E. 110th st., N. Y. C.
Gottesman, Albert	854 E. 170th st., N. Y. C.
†Gottlieb, H. Harold	23 Douglas st., Brooklyn, N. Y.
Gottlieb, Leon	419 Tenth av., Long Island City, N. Y.
Green, Joseph Clement	246 Mc Donough st., Brooklyn, N. Y.

NAME	ADDRESS
Gräenberg, Miteneel	490 E. 139th st., N. Y. C.
Greenberg, Paul	435 Hinsdale st., Brooklyn, N. Y.
Greenberg, Solomon	1015 Third av., N. Y. C.
Greenfield, Abraham L.	51 W. 114th st., N. Y. C.
Greengold, Samuel M.	234 E. 4th st., N. Y. C.
Greenky, Abraham	266 Sherman st., Buffalo, N. Y.
†Gritz, Abraham J.	111 E. Broadway, N. Y. C.
Gross, Benjamin	402 E. 9th st., N. Y. C.
Gruber, Jacob	2857 W. 25th st., Coney Island, N. Y.
Guerra, Rocco Nicholas	87 3d st., Long Island City, N. Y.
Gurland, Irving	805 Ninth av., N. Y. C.
Halpern, Julius	1533 Minford pl., N. Y. C.
†Hanke, Erwin	215 W. Maple av., Bound Brook, N. J.
Harris, Irving	2007 Marmion av., N. Y. C.
Harris, Jack	914 Simpson st., N. Y. C.
Harrison, Jacob	2 W. 120th st., N. Y. C.
Hellman, Isaac	874 Manida st., N. Y. C.
†Helpgod, Rubeen	226 E. 13th st., N. Y. C.
Hertz, Abraham Jay	1480 Bryant av., N. Y. C.
†Hirschhorn, Seymour	161 E. 89th st., N. Y. C.
†Holtzman, Victor	167 2d st., Elizabeth, N. J.
Hordes, Irving	352 W. 117th st., N. Y. C.
Horowitz, Abraham Harold	125 Wayne st., Jersey City, N. J.
Hutchinson, Abraham Morton	214 Central av., Brooklyn, N. Y.
Hyde, William Howard	162 Christopher av., Brooklyn, N. Y.
Insel, Benjamin	196 Seventh av., N. Y. C.
Jackson, George Percival	1751 Amsterdam av., N. Y. C.
†Jaller, David	124 44th st., Corona, N. Y.
Jedel, Sidney Samuel	28 N. 5th st., Newark, N. J.
†Jeming, Morris Emine	203 Mulberry st., Newark, N. J.
Johnson, Oscar E.	91 Kenmore pl., Brooklyn, N. Y.
Jurek, Edward Andrew	236 57th st., Brooklyn, N. Y.
Kantrowitz, Nathan George	381 Fulton st., Brooklyn, N. Y.
Kaplan, Harry	Thompson's walk, Coney Island, N. Y.
Kaplan, Martin B.	73 Stockholm st., Brooklyn, N. Y.
Kaswiner, Sigmund	49 Patchen av., Brooklyn, N. Y.
Kaufman, Moses A.	74 Norfolk st., N. Y. C.
Keller, Isaiah	22 E. 105th st., N. Y. C.
Kirsch, John George	355 Himrod st., Brooklyn, N. Y.
Klaus, Sidney D.	236 E. 71st st., N. Y. C.
Klein, Isidore	152 Henry st., N. Y. C.
Klein, William	144 W. Sidney av., Mount Vernon, N. Y.
Knapp, Albert	425 W. 46th st., N. Y. C.
Kniasewker, Nathan	555 W. 186th st., N. Y. C.
Krantz, Morris	1038 Boston rd., N. Y. C.
Krauss, Samuel	1015 Trinity av., N. Y. C.
Krupp, Henry Carl	485 Stone av., Brooklyn, N. Y.
Kuhn, Jacob Lewis	94 Avenue A, N. Y. C.
Kunin, Bernard	210 Rodney st., Brooklyn, N. Y.
Kupersmith, Julius	77 Avenue C, N. Y. C.
Lange, Jacob	40 Morningside av., N. Y. C.
Latinsky, Benjamin	607 Hopkinson av., Brooklyn, N. Y.
Lauckner, Robert R. jr	272 Woodside av., Newark, N. J.
Lauer, Frederick F.	257 Park st., Hackensack, N. J.
†Lazarus, Louis	1410 Wilkins av., N. Y. C.
Lefkowitz, Isidor	255 Watkins st., Brooklyn, N. Y.
Leshin, Isaac	117 Avenue B, N. Y. C.
Levbarg, George Joseph	305 Tompkins av., Brooklyn, N. Y.
Levine, Max	1099 Jamaica av., Woodhaven, L. I.
Levy, Irwin R.	217 W. 110th st., N. Y. C.
Levy, Meyer Joseph	925 Union av., N. Y. C.
Lewis, Percie Paul	285 Quincy st., Brooklyn, N. Y.
Libowsky, Nathan M.	866 E. 178th st., N. Y. C.
Lieberman, Benjamin	325 E. 5th st., N. Y. C.
Liebman, Louis Henry	70 E. 109th st., N. Y. C.
Liebross, Joseph J.	171 Melrose st., Brooklyn, N. Y.
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Group 2

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Mintz, Herman	1057 Hoe av., N. Y. C.
Morris, James Harold	501 59th st., Brooklyn, N. Y.
Mulholland, Robert E.	89 Broadway, Long Branch, N. J.
Murdock, Theodore Rose	143 Branch av., Red Bank, N. J.
Murphy, Charles S.	Ogdensburg, N. Y.
†Nestler, Edwin Jacob	Tenafly, N. J.
Pabst, Howeth	351 Seymour st., Syracuse, N. Y.
Reading, John Philip jr	277 W. Chestnut st., Kingston, N. Y.
Rutstein, Myron Mortimer	21 E. 119th st., N. Y. C.
Salmon, Russell O.	15 E. Main st., Port Jervis, N. Y.
Schlafer, George P.	Delhi, N. Y.
Schleede, Walter C.	72 Charlotte st., Rochester, N. Y.
†Smith, Edwin Reynolds	1103 Union st., Schenectady, N. Y.
Stamm, Harold Augustus	120 Avondale st., Woodhaven, N. Y.
Stannard, Andrew Mackie	65 Hauxhurst av., Weehawken, N. J.
Strenkert, Arthur Cyriac	619 Union st., West Hoboken, N. J.
Sullivan, Joseph James	30 Endicott av., Johnson City, N. Y.
Sullivan, Samuel Francis	1841 Mott av., Far Rockaway, N. Y.
†Taft, Eugene Stratton jr	Freehold, N. J.
Taylor, Reginald Thorne	106 Kingsland av., Elmhurst, N. Y.
Teller, Adrian Reeve	204 Montgomery st., Newburgh, N. Y.
Tentchoff, Demetre	3413 Walnut st., Philadelphia, Pa.
Thomas, Jesse H.	97 De Mott av., Clifton, N. J.
Thomas, Mable F.	65 Central av., Newark, N. J.
Tomsuden, Henry L.	126 97th st., Brooklyn, N. Y.
Turrentine, Julian Archalus	Room 421, 49 Chambers st., N. Y. C.
Viverito, Joseph A.	195 Seventh av., Brooklyn, N. Y.
†Voorhees, George Van Wickie	Somerville, N. J.
Webster, Thomas B. Reed	Carvel Hall, Annapolis, Md.
White, John L.	32 E. Main st., Amsterdam, N. Y.
Wilson, Ervin H.	Piercefield, N. Y.
Wilson, J. Clements	14 Bunn st., Amsterdam, N. Y.
Winter, Gordon Richmond	Pennsylvania Hosp., Philadelphia, Pa.

University of Pittsburgh, dental department

Cavanagh, George Lawrence
Diss, Louis Irving
Hyman, Benjamin

1114 Academy st., Watertown, N. Y.
31 N. Third av., Ilion, N. Y.
Room 625, Gibbs st. & Grone rd.,
Rochester, N. Y.

Tennessee

University of Tennessee, College of Dentistry, Memphis

†Kregarman, Samuel L.

Gallatin, Tenn.

Admitted to examination under exemption chapter 661, Laws of 1893, as amended in 1902

Groh, Estelle H. M.

426 Main st. E., Rochester, N. Y.

Admitted to examination by vote of Board of Regents under chapter 357, Laws of 1917

†Raylor, Robert P.
Dean, Carl S.

Kingston, N. Y.
170 W. 121st st., N. Y. C.

License issued by The University of the State of New York after a practical examination, under the 25 year practice clause in the statute

Jackson, Frederick Curtis
Peck, Louis A.

715 Main st., Willimantic, Conn.
1032 Main st., Bridgeport, Conn.

TABLE 4

Record of licensing examination for dental hygienist, July 1, 1918-
June 30, 1919

NAME	ADDRESS
<i>New York School of Oral Hygiene, Columbia University, New York</i>	
Babb, M. Hildegarde	419 W. 118th st., N. Y. C.
Baker, Elizabeth N.	1528 Greenleaf av., Chicago, Ill.
Bernikow, Etta	3424 Fulton st., Brooklyn, N. Y.
Coll, Mary E.	62 Chestnut st., Yonkers, N. Y.
Harting, Marjorie Estelle	Oradell, N. Y.
Hutchins, Olive Boynton	31 Webster Ridge, New Rochelle, N. Y.
Marre', Rose Eleanora	118 W. 18th st., N. Y. C.
Pines, Dora	1370 Boston rd., N. Y. C.
Rosch, Rose	420 W. 55th st., N. Y. C.
Shuloff, Sophie	182 Manhattan av., Brooklyn, N. Y.
Stern, Hilda Bertha	588 Mott av., N. Y. C.
Suden, Marie Anna Ida	126 97th st., Brooklyn, N. Y.
Weimar, Marie Katharine	Byram Shore, East Port Chester, Conn.
Weissman, Frances V.	78 E. 96th st., N. Y. C.
Wieting, Frances Anna Louise	1128 Greenwood av., Richmond Hill, N. Y.
<i>Rochester School of Dental Hygiene</i>	
Alling, Prudence A.	699 Main st. E., Rochester, N. Y.
Babbitt, Nona S.	369 Main st., Winsted, Conn.
Berer, Torba	800 Main st. E., Rochester, N. Y.
Brand, Madoline J.	Fort Plain, N. Y.
Brown, Hildred Mary	123 Albemarle st., Rochester, N. Y.
Burroughs, Mabel F.	Ellicottville, N. Y.
Campbell, Bertha E.	219 Lincoln st., Winthrop, Mass.
Cherry, Marie Hanlon	1015 Faraon st., St. Joseph, Mo.
Dunkelberg, Florence M.	26 Barnes st., Gouverneur, N. Y.
Gallery, Elizabeth	251 Lake av., Rochester, N. Y.
Gowe, Martha M.	290 Alexander st., Rochester, N. Y.
Guanarson, Evelyn M.	Washington Depot, Washington, Conn.
Guthrie, Rosemond Cary	c/o Drs F. B. & J. B. Howe, Ithaca, N. Y.
Hamilton, Maude A.	126 E. Seneca st., Ithaca, N. Y.
Hardy, Edith Cordeaux	85 East av., Rochester, N. Y.
Kennon, Frances E.	88 Elliott av., Yonkers, N. Y.
Kinney, Helen R.	64 Lorimer st., Rochester, N. Y.
Knight, Mary A.	21 Duxbury rd., Worcester, Mass.
Props, Helen Marie	310 University av., Rochester, N. Y.
Sawyer, Marie Ament	52 Erion Crescent, Rochester, N. Y.
Sensenbaugh, Edessa	1145 S. Silas st., Decatur, Ill.
Stone, Alice C.	309 Fifth av., Juniata, Pa.
<i>Forsyth Dental Infirmary, Boston, Mass.</i>	
Decker, Grace Eulah	500 W. 122d st., N. Y. C.

TABLE 5

Record of pharmacist licensing examination, July 1, 1918-June 30, 1919

Group 1, New York schools; group 2, schools in other states; group 3, schools in foreign countries

Group 1
NEW YORK SCHOOLS

NAME	ADDRESS
<i>Albany College of Pharmacy</i>	
Aker, Louis Jacob	102 Herkimer st., Albany, N. Y.
*Belding, Walter Hobson	Millbrook, N. Y.
Berkowitz, Benjamin	166 Eagle st., Albany, N. Y.
Colwell, James Claire	1 Park pl., Herkimer, N. Y.
Doran, Paul Leo	c/o L. K. Liggett, Troy, N. Y.
Golden, George Patrick	20 Grove st., Mechanicville, N. Y.
Grecley, Gabriel Emmett	1333 State st., Schenectady, N. Y.
*Hamlin, William S.	297 Chenango st., Binghamton, N. Y.
Hess, Herschel James	174 Stone st., Watertown, N. Y.
Knight, Alva Tremain	1209 Albany st., Schenectady, N. Y.
*Levy, Emmanuel	17 Morion av., Albany, N. Y.

* Holds junior pharmacy license only.

NAME	ADDRESS
Mack, Thomas John	194 10th st., Troy, N. Y.
Maclaury, Howard G.	Sidney, N. Y.
Maus, Herman Charles	1106 Addison st., Utica, N. Y.
*Miller, Edward W.	Boonville, N. Y.
Miller, Erich C.	52 Bayard st., Amsterdam, N. Y.
O'Neil, Edward Michael	5 Lansing av., Troy, N. Y.
Palmer, Charles Wesley	19 Milton av., Amsterdam, N. Y.
Preston, Mildred Catherine	316 Elizabeth st., Utica, N. Y.
Sanford, Albert Llewellyn	212 S. 3d st., Fulton, N. Y.
Slater, John	54 Foster av., Schenectady, N. Y.
Smith, Charles Wallace	112 King st., Troy, N. Y.
Spurr, John William	110 Lark st., Albany, N. Y.
*Strippel, Chester Arthur	11 E. Franklin st., Tarrytown, N. Y.
*Vittaly, Max Edwin	64 Jay st., Albany, N. Y.
<i>Brooklyn College of Pharmacy</i>	
*Aclander, Joseph	1737 St John's pl., Brooklyn, N. Y.
*Bailin, Eva	205 Henry st., N. Y. C.
Banason, Abraham	76 Marcy av., Brooklyn, N. Y.
Beaver, Morris	127 Avenue C, N. Y. C.
Begin, Tillie I.	279 E. Broadway, N. Y. C.
Berman, Morris William	8773 Seventeenth av., Brooklyn, N. Y.
*Betz, Abraham	937 Lafayette av., Brooklyn, N. Y.
*Bigman, Morris	936 Sutter av., Brooklyn, N. Y.
Bisen, David	433 Chester st., Brooklyn, N. Y.
Blackman, Charles	64 Schureman st., New Brunswick, N. J.
Brandstein, May	103 S. 2d st., Brooklyn, N. Y.
*Braunreuther, Albert	283 Onderdonk av., Brooklyn, N. Y.
Brill, Fred Julius	1431 Bedford av., Brooklyn, N. Y.
Budinoff, Adolph	396 8th st., Brooklyn, N. Y.
Campisi, Joseph Raymond	137 Jefferson st., Brooklyn, N. Y.
*Chaikin, David	854 Driggs av., Brooklyn, N. Y.
Charlamb, Leon	11 First av., N. Y. C.
Chassan, Bernhard S.	597 E. 138th st., N. Y. C.
*Chermak, Samuel	529 Christopher av., Brooklyn, N. Y.
Chess, Samuel S.	182 Second av., N. Y. C.
Chosak, Robert Joseph	1627 Eastern pkwy., Brooklyn, N. Y.
*Chudnoffsky, Aaron	61 Bristol st., Brooklyn, N. Y.
Cohen, Nathan	202 Bushwick av., Brooklyn, N. Y.
*Davidson, Ray	74 Bay 29th st., Brooklyn, N. Y.
*D'Elia, Joseph A.	705 Sackett st., Brooklyn, N. Y.
*Di Giovanni, Luigi D.	272 Stagg st., Brooklyn, N. Y.
Dreier, Eva	237 E. 11th st., N. Y. C.
*Dubin, Edward	483 Willoughby av., Brooklyn, N. Y.
Dunn, Ida H.	584 Essex st., Brooklyn, N. Y.
Ehrenhaus, Louis	214 Broome st., N. Y. C.

NAME	ADDRESS
Mack, Thomas John	194 10th st., Troy, N. Y.
Maclaury, Howard G.	Sidney, N. Y.
Maus, Herman Charles	1106 Addison st., Utica, N. Y.
*Miller, Edward W.	Boonville, N. Y.
Miller, Erich C.	52 Bayard st., Amsterdam, N. Y.
O'Neil, Edward Michael	5 Lansing av., Troy, N. Y.
Palmer, Charles Wesley	19 Milton av., Amsterdam, N. Y.
Preston, Mildred Catherine	316 Elizabeth st., Utica, N. Y.
Sanford, Albert Llewellyn	212 S. 3d st., Fulton, N. Y.
Slater, John	54 Foster av., Schenectady, N. Y.
Smith, Charles Wallace	112 King st., Troy, N. Y.
Spurr, John William	110 Lark st., Albany, N. Y.
*Strippel, Chester Arthur	11 E. Franklin st., Tarrytown, N. Y.
*Vittaly, Max Edwin	64 Jay st., Albany, N. Y.
<i>Brooklyn College of Pharmacy</i>	
*Aclander, Joseph	1737 St John's pl., Brooklyn, N. Y.
*Bailin, Eva	205 Henry st., N. Y. C.
Banason, Abraham	76 Marcy av., Brooklyn, N. Y.
Beaver, Morris	127 Avenue C, N. Y. C.
Begin, Tillie I.	279 E. Broadway, N. Y. C.
Berman, Morris William	8773 Seventeenth av., Brooklyn, N.
*Betz, Abraham	987 Lafayette av., Brooklyn, N. Y.
*Bigman, Morris	936 Sutter av., Brooklyn, N. Y.
Bisen, David	433 Chester st., Brooklyn, N. Y.
Blackman, Charles	64 Schureman st., New Brunswick, N
Brandstein, May	103 S. 2d st., Brooklyn, N. Y.
*Braunreuther, Albert	283 Onderdonk av., Brooklyn, N. Y.
Brill, Fred Julius	1431 Bedford av., Brooklyn, N. Y.
Budinoff, Adolph	396 8th st., Brooklyn, N. Y.
Campisi, Joseph Raymond	137 Jefferson st., Brooklyn, N. Y.
*Chaikin, David	854 Driggs av., Brooklyn, N. Y.
Charlamb, Leon	11 First av., N. Y. C.
Chassan, Bernhard S.	597 E. 138th st., N. Y. C.
*Chermak, Samuel	529 Christopher av., Brooklyn, N. Y.
Chess, Samuel S.	182 Second av., N. Y. C.
Chosak, Robert Joseph	1627 Eastern pkwy., Brooklyn, N. Y.
*Chudnofsky, Aaron	61 Bristol st., Brooklyn, N. Y.
Cohen, Nathan	202 Bushwick av., Brooklyn, N. Y.
*Davidson, Ray	74 Bay 29th st., Brooklyn, N. Y.
*D'Elia, Joseph A.	705 Sackett st., Brooklyn, N. Y.
*Di Giovanni, Luigi D.	272 Stagg st., Brooklyn, N. Y.
Dreier, Eva	237 E. 11th st., N. Y. C.
*Dubin, Edward	483 Willoughby av., Brooklyn, N. Y.
Dunn, Ida H.	584 Essex st., Brooklyn, N. Y.
Ehrenhaus, Louis	214 Broome st., N. Y. C.
Feider, Mary	424 Hopkinson av., Brooklyn, N. Y.
Feider, Sophie	424 Hopkinson av., Brooklyn, N. Y.
*Finkelstein, Meyer	5 Jackson st., N. Y. C.
Fluhr, Walter	61 Forest av., Brooklyn, N. Y.
*Flynn, Harold L.	183 Richmond st., Brooklyn, N. Y.
Foosun, Nathan	196 Roebling st., Brooklyn, N. Y.
Freidstadt, Albert	142 N. 3d st., Brooklyn, N. Y.
Frost, Herman	921 E. 180th st., N. Y. C.
Gagliano, Paul	36 Starr st., Brooklyn, N. Y.
Galovitch, Ralph	545 Ralph av., Brooklyn, N. Y.
*Garil, Louis	2148 Pitkin av., Brooklyn, N. Y.
Garmesey, Harry	127 Milford st., Brooklyn, N. Y.
*Gelb, Jacob	18 Pulaski st., Brooklyn, N. Y.
Gerdes, Arthur	480 Chauncey st., Brooklyn, N. Y.
*Ginzburg, Emmanuel	1800 Lexington av., N. Y. C.
*Giorlando, Joseph	180 Meserole st., Brooklyn, N. Y.
Glassgold, Louis R.	729 Lafayette av., Brooklyn, N. Y.
Gleichenhaus, Julius	258 Withers st., Brooklyn, N. Y.
*Goldberg, Jacob J.	2114 Douglass st., Brooklyn, N. Y.
Goldberg, Lauretta	1888 Marmion av., N. Y. C.
Goldberg, Morris	466 Alabama av., Brooklyn, N. Y.
Golden, Morris	20 E. 100th st., N. Y. C.
Goldenstein, Joseph	322 Rodney st., Brooklyn, N. Y.
*Goldman, Benjamin	2 E. 117th st., N. Y. C.
*Goldman, Louis	1567 St Mark's av., Brooklyn, N. Y.
*Goldman, Percy	81 Vernon av., Brooklyn, N. Y.
Goldstein, Gussie	112 McKibben st., Brooklyn, N. Y.
*Golocoff, Luba	905 Dumont av., Brooklyn, N. Y.
*Goodman, Isadore	16 Fayette st., Brooklyn, N. Y.
Gordon, George	362 15th st., Brooklyn, N. Y.
*Gordon, Robert J.	176 Varet st., Brooklyn, N. Y.

* Holds junior pharmacy license only.

NAME	ADDRESS
Greenberg, Jacob	131 Chester st., Brooklyn, N. Y.
*Grundfast, David	238 Glenmore av., Brooklyn, N. Y.
Guerra, Charles J.	112 Crown st., Corona, N. Y.
*Gumanow, Herman S.	584 Powell st., Brooklyn, N. Y.
Handelsman, Saul	757 Vermont st., Brooklyn, N. Y.
Handler, David	417 Chauncey st., Brooklyn, N. Y.
*Handler, Nathan	755 E. 168th st., N. Y. C.
*Happ, Carl George	1239 Hancock st., Brooklyn, N. Y.
*Harrison, David	17 W. 115th st., N. Y. C.
*Hertz, Solomon	6304 Twentieth av., Brooklyn, N. Y.
*Hubschman, Jacob	276 Grand st., N. Y. C.
Jannelli, Matthew A.	88 Walton st., Brooklyn, N. Y.
Kahn, Abraham G.	90 Moore st., Brooklyn, N. Y.
Kaller, Julius	96 Third av., Brooklyn, N. Y.
*Kaminsky, Harry	79 Graham av., Brooklyn, N. Y.
*Kaminsky, Zelik	24 Herzl st., Brooklyn, N. Y.
Kaplan, William	619 Saratoga av., Brooklyn, N. Y.
*Katz, Max	1665 Pitkin av., Brooklyn, N. Y.
*Kessler, David	1475 Park av., N. Y. C.
*Kessler, Fannie A.	102 E. 124th st., N. Y. C.
Klibaner, David	425 S. 5th st., Brooklyn, N. Y.
*Kollen, Daniel	600 E. 169th st., N. Y. C.
*Kopman, Abraham	272 Kosciusko st., Brooklyn, N. Y.
*Kotick, Israel	188 Sutter av., Brooklyn, N. Y.
Krasavetz, Marcus	418 E. 51st st., N. Y. C.
Krasnoff, Monroe	450 Hopkinson av., Brooklyn, N. Y.
*Krupnick, Louis	604 Quincy st., Brooklyn, N. Y.
Kujavski, Joseph	2083 Pacific st., Brooklyn, N. Y.
*Lachs, Joseph	188 Clinton st., N. Y. C.
Lang, Morris	870 Second av., N. Y. C.
Lapidus, Harry Gustave	309 E. 4th st., N. Y. C.
*Leezenbaum, Isidore	170 Taylor st., Brooklyn, N. Y.
Leiman, David	178 E. 2d st., N. Y. C.
*Lerner, Alfred	172 Bay 28th st., Brooklyn, N. Y.
*Levinstein, Max	272 Avenue B, N. Y. C.
Levitt, Isaac	284 Suydam st., Brooklyn, N. Y.
Lipschutz, Laura H.	1566 Vyse av., N. Y. C.
Littwin, Maurice	153 E. Broadway, N. Y. C.
Longo, Vincent	2074 Arthur av., N. Y. C.
Marmmerstein, Beckie	210 21st st., Brooklyn, N. Y.
*Masin, Moses	112 Forsyth st., N. Y. C.
*Meister, Edward Henry	174 Essex st., N. Y. C.
*Meister, Louis F.	1312 Hatch av., Ozone Park, N. Y.
Mollo, Dominick	27 Norwood av., Brooklyn, N. Y.
Mule, Saro	108 Roebbling st., Brooklyn, N. Y.
*Musso, Francis	157 St Nicholas av., Brooklyn, N. Y.
*Niceberg, Frank	179 Montrose av., Brooklyn, N. Y.
Olson, Isidore	643 E. 6th st., N. Y. C.
Ozick, William H.	96 Hester st., N. Y. C.
Pachter, Anna	939 Washington av., N. Y. C.
Peltzman, Harry	83 Avenue B, N. Y. C.
Poliponsky, Abraham	1835 Madison av., N. Y. C.
*Poll, Joseph	93 Avenue D, N. Y. C.
*Popelowsky, Sarah	11½ W. 119th st., N. Y. C.
*Praglin, Addy	613 Powell st., Brooklyn, N. Y.
Rashall, Aaron Herman	1 E. 101st st., N. Y. C.
*Raywid, Anna	1687 Bathgate av., N. Y. C.
*Reich, Pauline	339 Glenmore av., Brooklyn, N. Y.
Riley, Olga Hofert	107 Debevoise st., Brooklyn, N. Y.
*Rooschvarg, Solomon	34 Third pl., Brooklyn, N. Y.
Rosenstock, Morris	521 Blake av., Brooklyn, N. Y.
Rothenberg, Anna	196 Roebbling st., Brooklyn, N. Y.
Rotter, Nathan	297 Division av., Brooklyn, N. Y.
Rubin, Isidore	127 Debevoise st., Brooklyn, N. Y.
Rubin, Morton	856 Driggs av., Brooklyn, N. Y.
Rubin, Solly	152 Orchard st., N. Y. C.
Rubinofsky, Rose	53 Avenue C, N. Y. C.
Ruden, Joseph	473 Wortman av., Brooklyn, N. Y.
*Rudmann, Joseph G.	834 E. 161st st., N. Y. C.
Ruvinsky, Hyman	27 Pullis av., Middle Village, N. Y.
Sacks, Isidor	520 Williams av., Brooklyn, N. Y.
Schaffer, Reuben	154 Sumner av., Brooklyn, N. Y.
*Schepis, Joseph F.	761 De Kalb av., Brooklyn, N. Y.
Schoenfeld, Nathan N.	681 Fourth av., Brooklyn, N. Y.
Schulherr, Louis J.	579 Dumont av., Brooklyn, N. Y.
Schumann, Anna Wandelt	119 Gerry st., Brooklyn, N. Y.
	4824 Fourth av., Brooklyn, N. Y.

* Holds junior pharmacy license only.

NAME	ADDRESS
Karlick, Moses	285 Brook av., N. Y. C.
Kashdan, Abraham	3 W. 116th st., N. Y. C.
*Katz, Harry	234 E. 96th st., N. Y. C.
Kessler, Sidney	60 W. 115th st., N. Y. C.
Kramer, Jacob L.	2021 Eighth av., N. Y. C.
*Krepela, Rudolph	220 Prospect st., Long Island City, N. Y.
*Kushinsky, Max	425 S. 5th st., Brooklyn, N. Y.
Lawentman, Isidore	380 E. 8th st., N. Y. C.
Lederman, Isidore	543 Claremont pkwy., N. Y. C.
Leventhal, Reuben	101 W. 126th st., N. Y. C.
Levy, Abram Sidney	1 Arden st., N. Y. C.
*Liotta, Anthony L.	17 Troutman st., Brooklyn, N. Y.
*Lipsett, Nathaniel	830 Hewitt pl., N. Y. C.
Lurie, Benedict Leó	23 E. 107th st., N. Y. C.
*Madinek, Israel B.	524 Snediker av., Brooklyn, N. Y.
Margotta, Pasquale John	147 Union av., New Rochelle, N. Y.
Marinaro, Francesco	414 E. 6th st., N. Y. C.
*Mates, Abraham	208 Rochester av., Brooklyn, N. Y.
Melfi, Lois J.	1691 Lexington av., N. Y. C.
*Michaels, Moe Louis	1461 Bryant av., N. Y. C.
Miller, Edward S.	709 Tenth av., N. Y. C.
Miller, Nathan	A. E. D. A. M. C. 301, Camp Hill, Newport News, Va.
*Mittleman, Max	980 Avenue St John, N. Y. C.
Navid, Saul	50 W. 112th st., N. Y. C.
Neiman, Nathan	1294 First av., N. Y. C.
Nemetz, Max D.	227 W. 135th st., N. Y. C.
Nielsen, Victor Vaughn	209 W. 148th st., N. Y. C.
Niemetz, Morris Milton	2433 Seventh av., N. Y. C.
Nigo, Hardy Astor	501 Pawling av., Troy, N. Y.
Obrentz, Morris J.	1485 Southern blvd., N. Y. C.
Paglia, Amerigo Charles	133 Waverly pl., N. Y. C.
Pape, Edward August	501 E. 118th st., N. Y. C.
Peltzman, Henry	224 E. 11th st., N. Y. C.
Pensovecchio, Philip	319 E. 29th st., N. Y. C.
*Petrucchi, Manlius Y.	509 Grand av., New Haven, Conn.
Pollock, Isadore H.	658 Flatbush av., Brooklyn, N. Y.
Raimondi, Nicholas	523 E. 13th st., N. Y. C.
Reiter, Pauline A.	955 Whitlock av., N. Y. C.
Renner, J. Arthur	534 W. 152d st., N. Y. C.
Renzulli, Aurelio Valentino	337 4th st., Jersey City, N. J.
Richless, Charles	775 Columbus av., cor. 98th st., N. Y. C.
Rocco, Joseph	444 E. 116th st., N. Y. C.
Rosen, Max	1843 Crotona av., N. Y. C.
Rosenberger, Charles	1506 Hoe av., N. Y. C.
Samuels, Sophia	1670 Boston rd., N. Y. C.
*Sattile, John	345 E. 120th st., N. Y. C.
*Schar, Morris	375 Pleasant av., N. Y. C.
Schenkman, Jacob	249 E. 13th st., N. Y. C.
Schiller, Philip	602 E. 138th st., N. Y. C.
Schmerer, Max	407 Keap st., Brooklyn, N. Y.
Schmidt, Herbert H.	612 Hudson st., Hoboken, N. J.
Schwartz, Mandel	437 E. 12th st., N. Y. C.
*Schwartz, Milton M.	P. O. Box 45, Arverne, N. Y.
*Seinfeld, Samuel	60 E. 3d st., N. Y. C.
Seloff, Irving L.	86 E. 4th st., N. Y. C.
*Sica, Alfonso F.	264 W. 19th st., N. Y. C.
Sklow, Jacob	32 Johnson av., Brooklyn, N. Y.
*Smith, Julius	1746 Bathgate av., N. Y. C.
Smith, Meyer	171 Essex st., N. Y. C.
Sobel, Philip	Cadet Hosp., West Point, N. Y.
*Steinberg, Cecilia H.	661 E. 170th st., N. Y. C.
*Steinberg, Charles	1790 Sterling pl., Brooklyn, N. Y.
Sternberg, Osias	1308 Amsterdam av., N. Y. C.
Stevens, Alexander	468 12th st., Brooklyn, N. Y.
Streit, John F.	8739 110th st., Richmond Hill, N. Y.
Tanenzapf, Isidore	789 Madison av., N. Y. C.
Tassinari, Caesar A.	60 Stone st., N. Y. C.
*Tunick, Jacob B.	349 E. 17th st., N. Y. C.
Urban, Jeannette E.	173 Metropolitan av., Brooklyn, N. Y.
*Valutkevich, Anthony	257 Humboldt st., Brooklyn, N. Y.
*Vanacore, Joseph A.	2155 Fifth av., N. Y. C.
*Wildman, Joseph Hardsden	887 Forest av., N. Y. C.
Wohl, Max I.	164 Stanton st., N. Y. C.
Yanket, Edward	330 E. 71st st., N. Y. C.
Zito, Francesco	Pelhamwood, New Rochelle, N. Y.

* Holds junior pharmacy license only.

NAME	ADDRESS
<i>Fordham University College of Pharmacy</i>	
*Adoff, Morris	546 Claremont pkwy., N. Y. C.
*Bernstein, Julius	1361 Boston rd., N. Y. C.
Billig, Benjamin	4003 Third av., N. Y. C.
Blayman, Benjamin	2 W. 118th st., N. Y. C.
*Branca, Angelo S.	215 Bathgate av., N. Y. C.
*Cicatelli, James	301 E. 150th st., N. Y. C.
*Ciletti, Alfonso	23 N. Fourth av., Mount Vernon, N. Y.
Fainland, Albert	H. C. T. S. Co. 5, Newport, R. I.
Flomenbaum, Isiah	865 E. 172d st., N. Y. C.
Frank, Victor Bernard	117 Bay 26th st., Brooklyn, N. Y.
*Friedman, Louis	668 Tinton av., N. Y. C.
*Gudis, Harry	94 Rivington st., N. Y. C.
Heimovitch, Max	797 E. 170th st., N. Y. C.
*Honig, Abraham	115 E. 115th st., N. Y. C.
*Kaiden, Maurice	1200 Hoe av., N. Y. C.
*Kerr, Joseph Robert	500 W. 172d st., N. Y. C.
Kerr, Julius	500 W. 172d st., N. Y. C.
Kuhn, Otto H.	1071 Franklin av., N. Y. C.
La Monte, Frank V.	2289 First av., N. Y. C.
Lorc, John Dominick	333 Second av., N. Y. C.
Mantell, David R.	71 E. 121st st., N. Y. C.
Markoff, Allan	1771 Madison av., N. Y. C.
Matlin, Max	2257 Second av., N. Y. C.
Mendelsohn, Samuel H.	1530 Minford pl., N. Y. C.
Miraglia, Michale Joseph	Post Hosp., Toliaferro Field, Hicks, Texas
Nelson, William	4351 Jamaica av., Richmond Hill, N. Y.
*Pakchar, Julius M.	367 S. 2d st., Brooklyn, N. Y.
*Paolantonio, John	310 Gilbert st., Utica, N. Y.
Pariser, Joseph	2115 Mohegan av., N. Y. C.
*Petretti, Oreste	557 Fordham rd., Fordham, N. Y.
*Polsky, Samuel	4621 Cherry st., N. Y. C.
Rabinowitz, Harry	353 Vernon av., Brooklyn, N. Y.
*Ramras, Jacob	879 Elsmere pl., N. Y. C.
*Reigl, Flower H.	75 Van Duzen st., Tompkinsville, N. Y.
Shapiro, Joseph	160 W. 119th st., N. Y. C.
*Solomon, Frank	14 W. 115th st., N. Y. C.
Teitelbaum, Isidore	925 Jackson av., N. Y. C.
*Weinar, Joseph	452 S. Fourth av., Mount Vernon, N. Y.

Group 2

SCHOOLS IN OTHER STATES

Indiana

<i>Valparaiso University, College of Pharmacy</i>	
Noble, Barnet	481 Main st. E., Rochester, N. Y.

Maryland

<i>University of Maryland, Baltimore</i>	
Miller, Harold C.	78 Chatham st., Rochester, N. Y.

Michigan

<i>University of Michigan, Ann Arbor</i>	
Carey, James W.	1031 W. Onondaga st., Syracuse, N. Y.
Zuver, Arthur J.	7 Main st., Salamanca, N. Y.

Pennsylvania

<i>Philadelphia College of Pharmacy</i>	
Rappoport, Isadore	49 E. 7th st., N. Y. C.
Starr, Mabel Charlotte	40 Bellevue pl., New London, Conn.
<i>Pittsburgh College of Pharmacy</i>	
Oliver, Curtis Stanley	50 Glen av., Amsterdam, N. Y.

Group 3

SCHOOLS IN FOREIGN COUNTRIES

Russia

<i>Imperial University of Kharkoff</i>	
Troupin, Eli S.	124 Pacific st., Stamford, Conn.

*Holds junior pharmacy license only.

NAME	ADDRESS
Karlick, Moses	285 Brook av., N. Y. C.
Kashdan, Abraham	3 W. 116th st., N. Y. C.
*Katz, Harry	234 E. 96th st., N. Y. C.
Kessler, Sidney	60 W. 115th st., N. Y. C.
Kramer, Jacob L.	2021 Eighth av., N. Y. C.
*Krepela, Rudolph	220 Prospect st., Long Island City, N. Y.
*Kushinsky, Max	425 S. 5th st., Brooklyn, N. Y.
Lawentman, Isidor	380 E. 8th st., N. Y. C.
Lederman, Isidore	543 Claremont pkwy., N. Y. C.
Leventhal, Reuben	101 W. 126th st., N. Y. C.
Levy, Abram Sidney	1 Arden st., N. Y. C.
*Liotta, Anthony L.	17 Troutman st., Brooklyn, N. Y.
*Lipsett, Nathaniel	830 Hewitt pl., N. Y. C.
Lurie, Benedict Leo	23 E. 107th st., N. Y. C.
*Madinek, Israel B.	524 Snediker av., Brooklyn, N. Y.
Margotta, Pasquale John	147 Union av., New Rochelle, N. Y.
Marinaro, Francesco	414 E. 6th st., N. Y. C.
*Mates, Abraham	208 Rochester av., Brooklyn, N. Y.
Melfi, Lois J.	1691 Lexington av., N. Y. C.
*Michaels, Moe Louis	1461 Bryant av., N. Y. C.
Miller, Edward S.	709 Tenth av., N. Y. C.
Miller, Nathan	A. E. D. A. M. C. 301, Camp Hill, Newport News, Va.
*Mittleman, Max	980 Avenue St John, N. Y. C.
Navid, Saul	50 W. 112th st., N. Y. C.
Neiman, Nathan	1294 First av., N. Y. C.
Nemetz, Max D.	227 W. 135th st., N. Y. C.
Nielsen, Victor Vaughn	209 W. 148th st., N. Y. C.
Niemetz, Morris Milton	2433 Seventh av., N. Y. C.
Nigo, Hardy Astor	501 Pawling av., Troy, N. Y.
Obrentz, Morris J.	1485 Southern blvd., N. Y. C.
Paglia, Amerigo Charles	133 Waverly pl., N. Y. C.
Pape, Edward August	501 E. 118th st., N. Y. C.
Peltzman, Henry	224 E. 11th st., N. Y. C.
Pensovecchio, Philip	319 E. 29th st., N. Y. C.
*Petrucchi, Manlius Y.	569 Grand av., New Haven, Conn.
Pollock, Isadore H.	658 Flatbush av., Brooklyn, N. Y.
Raimondi, Nicholas	523 E. 13th st., N. Y. C.
Reiter, Pauline A.	955 Whitlock av., N. Y. C.
Renner, J. Arthur	534 W. 152d st., N. Y. C.
Renzulli, Aurelio Valentino	337 4th st., Jersey City, N. J.
Richless, Charles	775 Columbus av., cor. 98th st., N. Y. C.
Rocco, Joseph	444 E. 116th st., N. Y. C.
Rosen, Max	1843 Crotona av., N. Y. C.
Rosenberger, Charles	1506 Hoe av., N. Y. C.
Samuels, Sophia	1670 Boston rd., N. Y. C.
*Sattile, John	345 E. 120th st., N. Y. C.
*Schar, Morris	375 Pleasant av., N. Y. C.
Schenkman, Jacob	249 E. 13th st., N. Y. C.
Schiller, Philip	602 E. 138th st., N. Y. C.
Schmerer, Max	407 Kean st., Brooklyn, N. Y.
Schmidt, Herbert H.	612 Hudson st., Hoboken, N. J.
Schwartz, Mandel	417 E. 12th st., N. Y. C.
*Schwartz, Milton M.	P. O. Box 45, Arverne, N. Y.
*Seinfeld, Samuel	60 E. 3d st., N. Y. C.
Seloff, Irving L.	86 E. 4th st., N. Y. C.
*Sica, Alfonso F.	264 W. 19th st., N. Y. C.
Sklow, Jacob	32 Johnson av., Brooklyn, N. Y.
*Smith, Julius	1746 Bathgate av., N. Y. C.
Smith, Meyer	171 Essex st., N. Y. C.
Sobel, Philip	Cadet Hosp., West Point, N. Y.
*Steinberg, Cecilia H.	661 E. 170th st., N. Y. C.
*Steinberg, Charles	1790 Sterling pl., Brooklyn, N. Y.
Sternberg, Osias	1308 Amsterdam av., N. Y. C.
Stevens, Alexander	468 12th st., Brooklyn, N. Y.
Streit, John F.	8739 110th st., Richmond Hill, N. Y.
Tanenzanf, Isidore	789 Madison av., N. Y. C.
Tassinari, Caesar A.	60 Stone st., N. Y. C.
*Tunick, Jacob B.	349 E. 17th st., N. Y. C.
Urban, Jeannette E.	173 Metropolitan av., Brooklyn, N. Y.
*Valutkevich, Anthony	257 Humboldt st., Brooklyn, N. Y.
*Vanacore, Joseph A.	2155 Fifth av., N. Y. C.
*Wildman, Joseph Hardsden	887 Forest av., N. Y. C.
Wohl, Max I.	164 Stanton st., N. Y. C.
Yanket, Edward	330 E. 71st st., N. Y. C.
Zito, Francesco	Pelhamwood, New Rochelle, N. Y.

* Holds junior pharmacy license only.

NAME	ADDRESS
<i>Fordham University College of Pharmacy</i>	
*Adoff, Morris	546 Claremont pkwy., N. Y. C.
*Bernstein, Julius	1361 Boston rd., N. Y. C.
Billig, Benjamin	4003 Third av., N. Y. C.
Blayman, Benjamin	2 W. 118th st., N. Y. C.
*Branca, Angelo S.	215 Bathgate av., N. Y. C.
*Cicatelli, James	301 E. 150th st., N. Y. C.
*Ciletti, Alfonso	23 N. Fourth av., Mount Vernon, N. Y.
Fainland, Albert	H. C. T. S. Co. 5, Newport, R. I.
Flomenbaum, Isiah	865 E. 172d st., N. Y. C.
Frank, Victor Bernard	117 Bay 26th st., Brooklyn, N. Y.
*Friedman, Louis	668 Tinton av., N. Y. C.
*Gudis, Harry	94 Rivington st., N. Y. C.
Heimovitch, Max	797 E. 170th st., N. Y. C.
*Honig, Abraham	115 E. 115th st., N. Y. C.
*Kaiden, Maurice	1200 Hoe av., N. Y. C.
*Kerr, Joseph Robert	500 W. 172d st., N. Y. C.
Kerr, Julius	500 W. 172d st., N. Y. C.
Kuhn, Otto H.	1071 Franklin av., N. Y. C.
La' Monte, Frank V.	2289 First av., N. Y. C.
Lore, John Dominick	333 Second av., N. Y. C.
Mantell, David R.	71 E. 121st st., N. Y. C.
Markoff, Allan	1771 Madison av., N. Y. C.
Matlin, Max	2257 Second av., N. Y. C.
Mendelsohn, Samuel H.	1530 Minford pl., N. Y. C.
Miraglia, Michale Joseph	Post Hosp., Taliaferro Field, Hicks, Texas
Nelson, William	4351 Jamaica av., Richmond Hill, N. Y.
Pakchar, Julius M.	367 S. 2d st., Brooklyn, N. Y.
*Paolantonio, John	310 Gilbert st., Utica, N. Y.
Pariser, Joseph	2115 Mohegan av., N. Y. C.
*Petretti, Oreste	557 Fordham rd., Fordham, N. Y.
*Polsky, Samuel	4621 Cherry st., N. Y. C.
Rabinowitz, Harry	3531 Vernon av., Brooklyn, N. Y.
*Ramras, Jacob	879 Elsmere pl., N. Y. C.
*Reigi, Flower H.	75 Van Duzen st., Tompkinsville, N. Y.
Shapiro, Joseph	160 W. 119th st., N. Y. C.
Solomon, Frank	14 W. 115th st., N. Y. C.
Teitelbaum, Isidore	925 Jackson av., N. Y. C.
*Weinar, Joseph	452 S. Fourth av., Mount Vernon, N. Y.

Group 2

SCHOOLS IN OTHER STATES

Indiana

Valparaiso University, College of Pharmacy

Noble, Barnet

481 Main st. E., Rochester, N. Y.

Maryland

University of Maryland, Baltimore

Miller, Harold C.

78 Chatham st., Rochester, N. Y.

Michigan

University of Michigan, Ann Arbor

Carey, James W.

1031 W. Onondaga st., Syracuse, N. Y.

Zuver, Arthur J.

7 Main st., Salamanca, N. Y.

Pennsylvania

Philadelphia College of Pharmacy

Rappoport, Isadore

49 E. 7th st., N. Y. C.

Starr, Mattie Charlotte

40 Bellevue pl., New London, Conn.

Pittsburgh College of Pharmacy

Oliver, Curtis Stanley

50 Glen av., Amsterdam, N. Y.

Group 3

SCHOOLS IN FOREIGN COUNTRIES

Russia

Imperial University of Kharkoff

Troupin, Eli S.

124 Pacific st., Stamford, Conn.

*Holds junior pharmacy license only.

TABLE 6

Record of druggist licensing examinations, July 1, 1918-June 30, 1919

NAME	ADDRESS
Applegate, Lester Ross	107 Bristol pl., Syracuse, N. Y.
Austin, Benedick Hickok	201 Slocum av., Syracuse, N. Y.
Ayer, Merritt Roland	Belfast, N. Y.
Belding, Walter Hobson	Albany Coll. of Pharmacy, Albany, N. Y.
Bennion, Kenneth J.	Attica, N. Y.
Buss, Frederick John	38 Holmdel pl., Rochester, N. Y.
Carney, Gertrude B.	12 W. North st., Ilion, N. Y.
Connolly, William J.	110 Kiel st., North Tonawanda, N. Y.
Dullin, Laura	304 Washington st., Elmira, N. Y.
Eifert, Arthur	94 Holmes st., Scotia, N. Y.
Emma, Frank A. jr	47 Jay st., Albany, N. Y.
Fin, Claude W.	238 Main st., Oneida, N. Y.
Fischer, Edward Jacob	72 First av., North Tonawanda, N. Y.
Foster, Margaret E.	10 Niagara sq., Buffalo, N. Y.
Frost, Alfred H.	950 Clinton st., Buffalo, N. Y.
Gedney, James Sherwood	60 Orchard av., Rye, N. Y.
Hawkins, Marshall V.	Brook Haven, N. Y.
Henning, Henry M.	Innis av., Poughkeepsie, N. Y.
Hilts, Wray H.	La Salle, N. Y.
Hohman, Karl F.	52 Franklin st., Salamanca, N. Y.
Hyde, Capp W.	211 Fitch st., Syracuse, N. Y.
Ianne, James Anthony	258 Front av., Buffalo, N. Y.
Jaffe, Robert	174 Moore st., Brooklyn, N. Y.
Jones, Fred M.	Red Creek, N. Y.
Kelly, Arthur Leslie	Fleischmanns, N. Y.
Kerwick, Thomas P.	c/o Leadley Drug Co., Batavia, N. Y.
Kruger, Walter A.	139 Irving av., Brooklyn, N. Y.
Lathrop, Fred C.	5 Grove pl., Schenectady, N. Y.
Levy, Emmanuel	17 Morton av., Albany, N. Y.
Lowenstein, Leopold	4146 Terrace st., Oakland, Cal.
McKenna, Edward James	22 William st., Auburn, N. Y.
Mathew, William R.	795 Genesee st., Buffalo, N. Y.
Meister, Edward H.	1312 Hatch av., Ozone Park, N. Y.
O'Keefe, Leo J.	North Creek, N. Y.
Ornstein, Bernard	97 E. Broadway, N. Y. C.
Pearson, William	71 Green st., Albany, N. Y.
Peck, Hazel R.	22 Day's Park, Buffalo, N. Y.
Pettit, Viola Newbury	Sackett Harbor, N. Y.
Pfeiffer, Frederick Victor	1 Franklin sq., Middletown, N. Y.
Pigovat, Nathan	638 Jefferson st., Buffalo, N. Y.
Pleskow, Jacob M.	398 Hickory st., Buffalo, N. Y.
Potter, Ira Herbert	Lake Placid, N. Y.
Quest, Francis Thomas	328 Congress st., Troy, N. Y.
Rescigno, Frederick	1309 Third av., N. Y. C.
Russo, Frank M.	441 Front av., Buffalo, N. Y.
Schaffer, Martin J.	203 Mc Clellan st., Schenectady, N. Y.
Schick, Raymond Henry	84 Prospect av., Buffalo, N. Y.
Schunke, Casimer	1080 Broadway, Buffalo, N. Y.
Sciarrino, Anthony S.	232 Broadway, Buffalo, N. Y.
Selzer, Edward	77 State st., Brooklyn, N. Y.
Simpson, Charles Harland	359 Broadway, Newburgh, N. Y.
Sims, Samuel C.	291 Riverdale av., Yonkers, N. Y.
Skinner, James	202 Elm st., Yonkers, N. Y.
Sodolski, Edward	227 E. Smith st., Herkimer, N. Y.
Steele, Leon E.	77 Court st., Binghamton, N. Y.
Vogel, Clifford N.	92 Milton av., Ballston Spa, N. Y.
Youngman, George John	289 Dearborn st., Buffalo, N. Y.
Zarcone, Catherine	373 Front av., Buffalo, N. Y.

TABLE 7

Record of examinations for optometrists, July 1, 1918-June 30, 1919

NAME	NEW YORK SCHOOLS	ADDRESS
<i>Columbia University, New York City</i>		
Brown, Ethel Reges		44 W. 65th st., N. Y. C.
Groun, Edward Frank		114 Peters st., Syracuse, N. Y.
Kirschenbaum, Abraham		55 Second av., N. Y. C.
Nelson, Nathaniel Frank		5616 Twelfth av., Brooklyn, N. Y.
Silverstein, Samuel Wolf		1010 Broadway, Brooklyn, N. Y.
Vanderwater, Elman B.		Salt Point rd., Poughkeepsie, N. Y.
Weeks, William Arthur		1106 Orchard st., Peekskill, N. Y.

NAME	ADDRESS
<i>Rochester School of Optometry</i>	
Barasch, Joseph B.	89 Buffalo av., Brooklyn, N. Y.
Chodikov, Harry E.	284 S. 5th st., Brooklyn, N. Y.
Crossett, William E.	22 Lake View Park, Rochester, N. Y.
Godwin, Horace H.	99 Water st., Binghamton, N. Y.
Jennings, John Gould	304 Merriman av., Syracuse, N. Y.
Zurett, Irving	140 Renwick pl., Syracuse, N. Y.

SCHOOLS IN OTHER STATES

<i>Admitted to examination on three years' study in the office of a registered optometrist</i>	
Austin, Joseph	1135 Intervale av., N. Y. C.
Balizer, Louis	355 Stockton st., Brooklyn, N. Y.
Becker, Henry August jr	946 Trinity av., N. Y. C.
Bettinger, Victor	1505 Greene av., Brooklyn, N. Y.
Boll, Gerard R.	305 Main st., New Rochelle, N. Y.
Cox, Francis E.	56 Elberon pl., Albany, N. Y.
Feldstein, Philip Louis	1551 Pitkin av., Brooklyn, N. Y.
Flynn, John T.	535 W. 59th st., N. Y. C.
Gendell, Louis	533 W. 156th st., N. Y. C.
Goldin, Isador Isaac	69 Jackson st., N. Y. C.
Gottlieb, Bernard	1840 Madison av., N. Y. C.
Herman, Simon A.	33 Montgomery st., N. Y. C.
Lichtenstein, Bernard	1102 Washington av., N. Y. C.
Meyer, Louis	344 E. 52d st., N. Y. C.
Rosenkranz, Benjamin G.	54 W. 125th st., N. Y. C.
Rosenthal, Abraham	1406 Vyse av., N. Y. C.
Strauss, Irving	962 Southern blvd., N. Y. C.
Sullivan, Patrick F.	3222 Mermaid av., Coney Island, N. Y.
Turk, Harry M.	1610 Eastern pkwy., Brooklyn, N. Y.
Van Zandt, Henry Austin	96 Ontario st., Cohoes, N. Y.
Weinberg, Louis	1076 Bryant av., N. Y. C.
Wilder, Herbert E.	1013 Chamber of Commerce, Rochester, N. Y.
Wolff, Edwin M.	305 W. 125th st., N. Y. C.
<i>Certificates to practise optometry were issued to the following under Laws of 1908, chapter 460 (public health law, 1909, chapter 49)</i>	
Bartle, Charles Alanson	Plattsburg, N. Y.
Berman, Alice Ella	Plattsburg, N. Y.

TABLE 8

Record of veterinary licensing examinations and indorsement of credentials, July 1, 1918-June 30, 1919

Group 1, New York schools; group 2, schools in other states; group 3, schools ... foreign countries

NAME	NEW YORK SCHOOLS	ADDRESS
<i>Group 1</i>		
<i>New York American Veterinary College, New York</i>		
*Hayes, William H.		192 E. 75th st., N. Y. C.
*Laughlin, George		274 Jackson av., Long Island City, N. Y.
<i>New York State Veterinary College, Cornell University, Ithaca</i>		
Blau, Nathan F.		327 Eddy st., Ithaca, N. Y.
Chynoweth, Walter John		411 Broadway, Utica, N. Y.
Corwin, Louis Alfred		7 Briggs av., Richmond Hill, N. Y.
Fuller, Robert Wesley		Cuba, N. Y.
Gibson, Raymond V.		9 Hayden st., Binghamton, N. Y.
Houghton, Paul Roswell		Fine View, N. Y.
La Grange, De Witt		R. F. D. 7, Schenectady, N. Y.
Loveland, Benjamin Bristol		Franklin, N. Y.
Muskovin, Albin		17 Argyle pl., Cortland, N. Y.
Noonan, Henry Patrick		Honeoye Falls, N. Y.
Parks, Wellington Edward		Leeds, N. Y.
Powell, Glenn John		Nunda, N. Y.
Scherago, Morris		509 Thatford av., Brooklyn, N. Y.
Townsend, Jay Griffith		Vet. Coll., Ithaca, N. Y.
Zepp, Clarence P.		128 W. 53d st., N. Y. C.
<i>New York State Veterinary College, New York University, New York City</i>		
Benson, Clarence O.		128 W. 53d st., N. Y. C.
Carabba, Victor		178 Mulberry st., N. Y. C.
Felder, Morris		142 Manhattan av., Brooklyn, N. Y.
Kreindler, David Arnold		2750 W. 17th st., Brooklyn, N. Y.
Lebish, Jacob		293 Henry st., N. Y. C.
Schubert, Joachim Felix		329 E. 152d st., N. Y. C.
Spevack, Victor		43 Nostrand av., Brooklyn, N. Y.

* Admitted to examination under chapter 648 of the Laws of 1917.

Group 2
SCHOOLS IN OTHER STATES
District of Columbia

NAME	ADDRESS
<i>George Washington University, College of Veterinary Medicine, Washington</i>	
*Fake, Charles Thompson	Granville, N. Y.

Illinois

<i>Chicago Veterinary College</i>	
*Stein, Frank Louis	427 Wohlers av., Buffalo, N. Y.
*Tegg, Frank Gilbert	167 Webster av., Rochester, N. Y.
<i>Mc Killop Veterinary College, Chicago</i>	
*Tillou, Lyle J.	East Aurora, N. Y.

Pennsylvania

<i>School of Veterinary Medicine, University of Pennsylvania, Philadelphia</i>	
Courtright, William W.	East Randolph, N. Y.
Hannahs, Morgan Lattin	127 Park av., Watertown, N. Y.

Group 3
SCHOOLS IN FOREIGN COUNTRIES
Canada

<i>Ontario Veterinary College, Toronto</i>	
*Dunn, Francis M.	Fulton, N. Y.
*Mosher, Joseph	Genoa, N. Y.
†Stevens, Orrie G.	Stamford, N. Y.
<i>Mc Gill University</i>	
Connelly, Thomas A.	2329 Seventh av., Troy, N. Y.
<i>Indorsed on transcript of registration</i>	
Smith, J. Arthur	2 Water st., La Salle, N. Y.

TABLE 9

Record of candidates passing examinations for registered nurse and
† credentials issued without examination July 1, 1918-June 30, 1919

Group 1, New York schools; group 2, schools in other states; group 3, schools in
foreign countries

Group 1
NEW YORK SCHOOLS

NAME	ADDRESS
<i>Albany Hospital</i>	
Bassett, Elizabeth Griffith	Coopers Plains, N. Y.
Cosgrove, Katharine	302 Hamilton st., Albany, N. Y.
Fitzgerald, Julia Elizabeth	R. F. D. 2, Hudson Falls, N. Y.
Freedman, Ruth A.	58 Bay st., Glens Falls, N. Y.
Hayes, Agnes Alexander	116 Malta av., Ballston Spa, N. Y.
Howe, Florence Maxon	Memorial Hosp., Bennington, Vt.
Mc Govern, Elizabeth I.	2640 Fifth av., Troy, N. Y.
Maxwell, Margaret M.	Salem, N. Y.
Maynard, Emily A.	Albany Hosp., Albany, N. Y.
Miller, Ethel Bennett	Albany Hosp., Albany, N. Y.
Moore, Julia	40 Spring av., Troy, N. Y.
Northup, Harriett R.	16 Cuyler av., Albany, N. Y.
Perry, Elizabeth Agnes	135 Morris st., Albany, N. Y.
Ryder, Mary M.	R. F. D. 1, Long Eddy, N. Y.
Tighe, Margaret M.	Buskirks, N. Y.
Van Wert, Martha Frances	Silver Bay, Lake George, N. Y.
West, Emma H.	Schenevus, N. Y.
Whalen, Theresa A.	Palatine Bridge, N. Y.
Wortham, Effie W.	96 Saratoga av., Cohoes, N. Y.
<i>Amsterdam City Hospital</i>	
Beck, Emma	188 Market st., Amsterdam, N. Y.
Behlen, Elsie Gertrude	40 Francis lane, Amsterdam, N. Y.
Borst, Ethel Winters	Amsterdam Hosp., Amsterdam, N. Y.
Brookman, May Holliday	190 Division st., Amsterdam, N. Y.
Cullings, M. Pearl	22 Wabash av., Schenectady, N. Y.
Putman, Madeline D.	23 Greene st., Amsterdam, N. Y.

* Admitted to examination under chapter 648 of the laws of 1917.

† Admitted to examination under provision of the Knight law.

NAME	ADDRESS
<i>Arnot-Ogden Hospital, Elmira</i>	
Blanchard, Doris S.	Arnot-Ogden Hosp., Elmira, N. Y.
Cole, Bessie M.	Washington av. & Union st., Canton, Pa.
Evans, Genevieve	Box 143, Blossburg, Pa.
Fey, Hazel Ruth	358 Euclid av., Elmira, N. Y.
Fisk, Helen Lois	Arnot-Ogden Hosp., Elmira, N. Y.
Forsburg, Yerda P.	City Hosp., Binghamton, N. Y.
Freedman, Mabel G.	478 Horner st., Elmira, N. Y.
Holcombe, Dorothy Ethel	Arnot-Ogden Hosp., Elmira, N. Y.
Hummel, Gertrude Marie	461 E. Market st., Elmira, N. Y.
Jayne, Doris	33 Orange st., Waverly, N. Y.
Kelly, Agnes Eloise	814 Maple av., Elmira, N. Y.
Lewis, Gladys G.	Arnot-Ogden Hosp., Elmira, N. Y.
Magee, Madge	Arnot-Ogden Hosp., Elmira, N. Y.
†O'Connor, Helen Augusta De Loff	360 Columbia st., Elmira, N. Y.
Olivey, Katharine E.	357 W. 1st st., Elmira, N. Y.
Paul, Margaret Jane	1005 Walnut st., Elmira, N. Y.
Pritchard, Rhea May	1005 Walnut st., Elmira, N. Y.
Putnam, Mazie F.	321 Roe av., Elmira, N. Y.
Sindlinger, Grace E.	Chemung Sanatorium, Elmira, N. Y.
Skooglund, Charlotte C.	Arnot-Ogden Hosp., Elmira, N. Y.
Smith, Nellie Marie	Painted Post, N. Y.
Stevens, Mary M.	109 W. Gray st., Elmira, N. Y.
Stormes, Sarah Louise	1050 E. Water st., Elmira, N. Y.
Thompson, Anna M.	522 W. 1st st., Elmira, N. Y.
Wheeler, Marjorie Bartlett	69 Atlantic st., Hackensack, N. J.
<i>Auburn City Hospital</i>	
Elliott, Anna Agnes	217 Janet st., Auburn, N. Y.
†Van Liere, Marie	460 W. 147th st., N. Y. C.
<i>Bellevue Hospital, New York City</i>	
Anderson, Cora J.	440 E. 26th st., N. Y. C.
Anthony, Netta	440 E. 26th st., N. Y. C.
Barnard, Anna Jean	205 Pelhamdale av., Pelham, N. Y.
Barnwell, Nellie Catharine	426 E. 26th st., N. Y. C.
Beach, Esther	81 W. Main st., Plain City, Ohio
Benson, Helen M.	440 E. 26th st., N. Y. C.
Christie, Agnes	440 E. 26th st., N. Y. C.
Cohen, Lena	Jewish Hosp., Brooklyn, N. Y.
Collins, Elizabeth Marie	426 E. 26th st., N. Y. C.
Corns, Margaret Lee	426 E. 26th st., N. Y. C.
Coyle, J. Lou Mary	440 E. 26th st., N. Y. C.
Davidson, Nellie E.	426 E. 26th st., N. Y. C.
Divine, Grace	426 E. 26th st., N. Y. C.
Estabrook, Margaret Willa	440 E. 26th st., N. Y. C.
Fix, Ruth A.	426 E. 26th st., N. Y. C.
Flagg, Claribel M.	261 W. 21st st., N. Y. C.
Garvey, Katherine	440 E. 26th st., N. Y. C.
Goldsmith, Josephine F.	440 E. 26th st., N. Y. C.
Grover, Ava I.	426 E. 26th st., N. Y. C.
Hendrickson, Hazel Keth	440 E. 26th st., N. Y. C.
Higgins, Julia C.	410 E. Van Buren st., Danville, Ill.
Holt, Louise A.	440 E. 26th st., N. Y. C.
Howard, Clara Elizabeth	440 E. 26th st., N. Y. C.
Hudson, Mary Olivia	440 E. 26th st., N. Y. C.
Johnson, Anna Louise	440 E. 26th st., N. Y. C.
†Jones, Kathryn Tingle	37 E. 38th st., N. Y. C.
King, Mildred V.	440 E. 26th st., N. Y. C.
Le Clair, Marion	426 E. 26th st., N. Y. C.
†Littler, Kathryn Lee	426 E. 26th st., N. Y. C.
Mc Clure, Alma	440 E. 26th st., N. Y. C.
Mc Gechin, Claire T.	440 E. 26th st., N. Y. C.
Mc Grath, Anna Imelda	201 E. 30th st., N. Y. C.
Mc Kelvey, Lorette C.	440 E. 26th st., N. Y. C.
Maples, Edna Josephine	499 W. Main st., Norwich, Conn.
Meighen, Isabel Osborne	426 E. 26th st., N. Y. C.
Mills, Marie Frances	440 E. 26th st., N. Y. C.
Morris, Anna Christina	440 E. 26th st., N. Y. C.
Newark, Eva	440 E. 26th st., N. Y. C.
Nicholls, Bertha L.	440 E. 26th st., N. Y. C.
Oliver, Lillis Dixon	426 E. 26th st., N. Y. C.
O'Sullivan, Bridie Thesla	426 E. 26th st., N. Y. C.
Parkinson, Ethel R.	440 E. 26th st., N. Y. C.
Phelps, Ora Shoffner	Bowbells, N. D.
†Reeves, Ella H.	130 S. Oxford st., Brooklyn
Robinson, Jennie B.	364 W. 35th st., N. Y. C.
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Von Arx, Caroline	416 E. 26th st., N. Y. C.
Westerkamp, Metta Goldsby	426 E. 26th st., N. Y. C.
Whitford, Maude Eleanor	416 Osborn Hall, N. Y. C.
<i>Beth Israel Hospital</i>	
Fine, Pauline	37 W. 97th st., N. Y. C.
Goldberg, Emma	Beth Israel Hosp., N. Y. C.
Halpern, Bessie P.	874 Longwood av., N. Y. C.
Harkavy, Anna	1440 Crotona Park E., N. Y. C.
Katz, Bertha	Beth Israel Hosp., N. Y. C.
Paisner, Anna	1961 Mapes av., N. Y. C.
Polakoff, Sarah	447 New Port av., Brooklyn, N. Y.
Weinstein, Rose	596 Schenck av., Brooklyn, N. Y.
Wolk, Rose	4523 Sixteenth av., Brooklyn, N. Y.
<i>Binghamton City Hospital</i>	
Blenco, Hazel E.	City Hosp., Binghamton, N. Y.
Doud, Frances M.	61 St John av., Binghamton, N. Y.
Griffin, Marguerite F.	447 W. 59th st., N. Y. C.
Hamlin, Theressia O.	17 Wheeler st., Deposit, N. Y.
Herson, Margaret C.	18 Jefferson av., Endicott, N. Y.
Keeler, Mildred A.	222 Linn st., Ithaca, N. Y.
La Bar, Gertrude A.	45 Laurel av., Binghamton, N. Y.
Mc Granagan, Anna M.	17 Maiden Lane, Binghamton, N. Y.
Scofield, Martha W.	Angelica, N. Y.
Townsend, Carrie Jayne	9 Pleasant av., Binghamton, N. Y.
<i>Binghamton State Hospital</i>	
Hughes, Virginia Beam	State Hosp., Binghamton, N. Y.
<i>Bloomingdale Hospital, White Plains</i>	
Barton, Jane Agnes	Bloomingdale Hosp., White Plains, N.
†Sullivan, John	Bloomingdale Hosp., White Plains, N.
Toohig, Eleanor Mary	Bloomingdale Hosp., White Plains, N.
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<i>Broad Street Hospital, Oneida</i>	
Allen, Anna Mae	4 Washington av., Oneida, N. Y.
Beach, Viola May	8 West st., Oneida, N. Y.
Reed, Olive	Broad Street Hosp., Oneida, N. Y.
Thompson, Margaret Theresa	Broad Street Hosp., Oneida, N. Y.
<i>Brooklyn Hospital</i>	
Albers, Ruth	75 Rutland rd., Brooklyn, N. Y.
Bennett, Anna Phoebe	612 St John's pl., Brooklyn, N. Y.
Bonfils, Muriel Leigh	3 3d st., Warren, Pa.
Covert, Dorothy	484 Clinton av., Brooklyn, N. Y.
Cunningham, Dorothy	Brooklyn Hosp., Brooklyn, N. Y.
Fisher, Norma R.	625 E. 12th st., Brooklyn, N. Y.
Gracie, Margaret A.	900 Union st., Brooklyn, N. Y.
Hedden, L. Mae	Brooklyn Hosp., Brooklyn, N. Y.
†Lemmon, Josephine	438 E. 57th st., N. Y. C.
North, Edna Wamsley	Boonton, N. J.
Robinson, Jennie H.	Brooklyn Hosp., Brooklyn, N. Y.
Steiner, Bertha	170 Lafayette av., Brooklyn, N. Y.
Stringfield, Lois Wood	Brooklyn Hosp., Brooklyn, N. Y.
Symmons, Edith Maud	480 Clinton av., Brooklyn, N. Y.
Tompkins, Edith	Suftern, N. Y.
Walker, Eileen	311 Tontine av., Lyndhurst, N. J.
Whileyman, Clara	1069 E. 12th st., Brooklyn, N. Y.
<i>Brooks Memorial Hospital, Dunkirk</i>	
Paul, L. Anita	16½ Willow st., Johnson City, N. Y.
<i>Buffalo General Hospital</i>	
Baukus, Ruth A.	Town Line, N. Y.
Callaghan, Frances E.	221 State st., Ogdensburg, N. Y.
Clark, Ada Belden	100 High st., Buffalo, N. Y.
Collins, Dorothy E.	551 Jackson av., Bradford, Pa.
Dreaver, Ethel Julia	100 High st., Buffalo, N. Y.
Hanna, Clara Grace	100 High st., Buffalo, N. Y.
Hartman, Ruth I.	1554 Delaware av., Buffalo, N. Y.
Heslop, Frances Belle	Gilbertsville, N. Y.
Juenker, Bertha Cecilia	East Aurora, N. Y.
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†Nye, Evangeline Jarvis	122 Hodge av., Buffalo, N. Y.
Perry, May C.	100 High st., Buffalo, N. Y.
Prange, Dorothy A.	77 Gallatin av., Buffalo, N. Y.
Rathgeber, Rose H.	234 Niagara st., North Tonawanda, N. Y.
Reist, Ethel Mae	100 High st., Buffalo, N. Y.
Scanlan, Kathryn Louise	30 Clay st., Le Roy, N. Y.
Scherer, Henrietta G.	100 High st., Buffalo, N. Y.
White, Eleanor J.	100 High st., Buffalo, N. Y.
Williams, Cleo S.	100 High st., Buffalo, N. Y.
<i>Buffalo German Deaconess Hospital</i>	
Amann, Mary Hilda	563 Riley st., Buffalo, N. Y.
Davis, Inez A.	563 Riley st., Buffalo, N. Y.
Deming, Annette Luella	1194 Bailey av., Buffalo, N. Y.
Derner, Clara Ella	45 Danforth st., Buffalo, N. Y.
Duty, Millicent	563 Riley st., Buffalo, N. Y.
Flemming, Elizabeth Frances	167 Goulding av., Buffalo, N. Y.
Graham, Dettie Iona	192 Goulding av., Buffalo, N. Y.
Gretchman, Henrietta S.	57 E. Parade av., Buffalo, N. Y.
Harloff, Lillian Frieda	69 Genesee st., Attica, N. Y.
Juhre, Gertrude R.	563 Riley st., Buffalo, N. Y.
Kirsch, Josarine Kathryn	21 St Paul st., Buffalo, N. Y.
Koch, Florence Clara	563 Riley st., Buffalo, N. Y.
Lazer, Edith Sarah	22 Fanny st., Buffalo, N. Y.
Lazer, Lydia Annetta	22 Fanny st., Buffalo, N. Y.
Mtnet, Elsie E.	563 Riley st., Buffalo, N. Y.
Moran, Adeline Elisabeth	21 Beverly rd., Buffalo, N. Y.
Oleskie, Frances E.	55 Weyand av., Buffalo, N. Y.
Parker, Mable Eliza	Cuba, N. Y.
Ronan, Laura M.	124 Barbour st., Bradford, Pa.
Shamo, Mary Ellen	38 Essex st., Buffalo, N. Y.
Suttelle, Rachel Marie	103 Landon st., Buffalo, N. Y.
<i>Buffalo Homeopathic Hospital</i>	
Blatchley, Ferne M.	944 Lafayette av., Buffalo, N. Y.
Caley, Alice J.	88 Burgard pl., Buffalo, N. Y.
Calladine, Martha A.	51 Horton pl., Buffalo, N. Y.
Clothier, Flora F.	Silver Creek, N. Y.
Cowdrick, Mary	94 Oxford av., Buffalo, N. Y.
Daley, Helen M.	94 Oxford av., Buffalo, N. Y.
Dane, Esther	Mount Jewett, Pa.
Daniels, Dorothy I.	26 Seneca pkside, Buffalo, N. Y.
Hoffman, Evelyn Jane	274 Darling st., Brantford, Ont.
Loveland, Lucy West	West Falls, N. Y.
Robison, Helen Mildred	28 Barker av., Buffalo, N. Y.
Rykert, Hazel Amy	94 Oxford av., Buffalo, N. Y.
Sanderson, Catherine Janet	Attica, N. Y.
Zimmer, Mildred Holden	83 Prospect av., Buffalo, N. Y.
<i>Buffalo Hospital Sisters of Charity</i>	
Connor, Margaret G.	804 Elk st., Buffalo, N. Y.
†Coughlin, Margaret M.	Lewiston, N. Y.
Dunphy, Eleanor O.	623 N. Oak st., Buffalo, N. Y.
Evans, Mary F.	North Collins, N. Y.
Gerretty, Elizabeth	Eldred, Pa.
Kelly, Mary Elizabeth	456 Broadway, Buffalo, N. Y.
†Leeder, Edith E.	31 Essex st., Buffalo, N. Y.
Love, Mabel Mary	5 Goulding av., Buffalo, N. Y.
Mulvey, Elizabeth	1833 Main st., Buffalo, N. Y.
Parkinson, Genevieve (Sr M. Lillian)	St Francis Hosp., Charleston, W. Va.
Phillips, Mary Frances	867 Washington st., Buffalo, N. Y.
Powers, Genevieve May	29 Monroe st., Silver Creek, N. Y.
Schuesler, Helen Mary	676 N. Oak st., Buffalo, N. Y.
Stabel, Ethel	145 Winspear av., Buffalo, N. Y.
Swanz, Florence Margaret	38 College st., Buffalo, N. Y.
Trombley, Veronica Estella	Altona, N. Y.
<i>Buffalo State Hospital</i>	
Egan, B. Theresa	335 Forest av., Buffalo, N. Y.
Mc Carty, Mary	141 W. 109th st., N. Y. C.
Mc Gary, Elizabeth M.	Woman's Hosp., N. Y. C.
†Mc Laughlin, Emma Kuhn	45 Camp st., Buffalo, N. Y.
<i>Buffalo Woman's Hospital</i>	
Handyside, Bertha L.	230 Caroline st., Buffalo, N. Y.
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Blauvelt, Edith Jay	20 Hampton ter., East Orange, N. J.
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<i>Champlain Valley Hospital, Plattsburg</i>	
Ackert, Ruth Margaret	Champlain Valley Hosp., Plattsburg, N. Y.
Mundy, Mary Helen	Champlain Valley Hosp., Plattsburg, N. Y.
<i>Children's Hospital, Buffalo</i>	
†Clark, Ina Louise	141 W. 109th st., N. Y. C.
Crosby, Minnie E.	318 Ashland av., Buffalo, N. Y.
Jeffrey, Margetta	219 Bryant st., Buffalo, N. Y.
Kirkland, Kathleen	219 Bryant st., Buffalo, N. Y.
Mc Namara, Ruth M	425 Porter av., Buffalo, N. Y.
Marr, Edna Helen	200 Norwood av., Buffalo, N. Y.
Millring, Marie H.	239 Voorhees av., Buffalo, N. Y.
Mills, Erma S.	116 Eaton st., Buffalo, N. Y.
White, Alice Minetta	371 W. Delavan av., Buffalo, N. Y.
<i>City Hospital, Blackwells Island, New York City</i>	
Amslie, Katharine	City Hosp., N. Y. C.
Amerman, Louise L.	R. F. D. 5, New Brunswick, N. J.
†Arthur, Eleanor	Marshall Sanitarium, Troy, N. Y.
Clendaniel, Anne E.	1437 Ferry st., Easton, Pa.
Dawson, Marjorie M.	94 Park av., Portland, Me.
Dubrow, Fanny	341 Boulevard, Passaic, N. J.
Graham, Rosalie L.	2800 Bainbridge av., N. Y. C.
Hellstrom, Zietelle	620 W. 122d st., N. Y. C.
Horton, Edna Rosamond	2800 Bainbridge av., N. Y. C.
Kennedy, Lea M.	614 Twenty-second av., W. Calgary, Alberta, Canada
Leger, Marie Elizabeth	434 42d st., Brooklyn, N. Y.
Liston, Maurine J.	Willard Parker Hosp., N. Y. C.
Mc Donald, Sallie	City Hosp., N. Y. C.
Mc Ninch, Lena Edna	31 W. 47th st., N. Y. C.
Maver, Helen	2333 Loring pl., N. Y. C.
Müller, Hazel Cecilia	Nineveh, N. Y.
Mordhorst, Wilhelmina	473 54th st., Brooklyn, N. Y.
Pendill, Marion Lane	Huntington, N. Y.
Pennington, Effie Gladys	City Hosp., N. Y. C.
Richards, Emily	City Hosp., N. Y. C.
†Sandall, Irene A.	114 W. 126th st., N. Y. C.
Sherwood, Elizabeth	620 W. 122d st., N. Y. C.
Stamenova, Parasika Katherine	620 W. 122d st., N. Y. C.
†Stonchouse, Emma S.	630 Boyd av., Woodhaven, N. Y.
Tolton, Nellie M.	1209 Vyse av., Bronx, N. Y. C.
Tuttle, Sylvia	Greenpoint Hosp., Brooklyn, N. Y.
Walsh, Margaret G.	72 S. 15th st., Terre Haute, Ind.
<i>City of Kingston Hospital</i>	
Majeska, Estella	City Hosp., Kingston, N. Y.
Ostrander, Margaret	116 Downs st., Kingston, N. Y.
Quest, Esther M.	77 Downs st., Kingston, N. Y.
<i>Clifton Springs Sanitarium</i>	
Andrews, Edna Gertrude	Clifton Springs, N. Y.
Bates, Gertrude Strong	232 S. Geneva st., Ithaca, N. Y.
Beck, Anna Hazel	South Cayuga, Ont.
Brebner, Agnes Elizabeth	Clifton Springs, N. Y.
Clark, Hattie May	Clifton Springs, N. Y.
Clark, Mabel	Clifton Springs, N. Y.
Curtis, Georgina May	Clifton Springs, N. Y.
Galbraith, Eileen Haney	Clifton Springs, N. Y.
Griffith, Charlotte Malette	Clifton Springs, N. Y.
Henry, Clara Belle	Clifton Springs, N. Y.
Laughlin, Nellie	Clifton Springs, N. Y.
Mainwaring, Helen E.	1208 Brinkerhoff av., Utica, N. Y.
Moore, Winifred Hazel	Ovid, N. Y.
Prine, Della Evangeline	Clifton Springs, N. Y.
Read, Nellie Crawford	Clifton Springs, N. Y.
Rush, Gertrude E.	Peterborough, Can.
Rutishauser, Gretchen E.	Clifton Springs, N. Y.
St Hill, May	Clifton Springs, N. Y.
Schnick, Anna F.	Clifton Springs, N. Y.
Sornberger, Mara Louise	Clifton Springs, N. Y.
Sutherland, Laura Belle	Clifton Springs, N. Y.

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Lajeunesse, Cecilia I.	Cohoes Hosp., Cohoes, N. Y.
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<i>Corning Hospital</i>	
Rowley, Marion M.	Painted Post, N. Y.
Rowley, Myrtle Letty	Medina Hosp., Medina, N. Y.
<i>Cortland County Hospital</i>	
Ashe, Bertha L.	41 Railway av., Cortland, N. Y.
Cowan, Eleanor Cora	41 Owego st., Cortland, N. Y.
Kerrick, Sallie L.	7 Union st., Cortland, N. Y.
Lewis, Clara Louise	McLean, N. Y.
Murphy, Mary Elizabeth	Cortland County Hosp., Cortland, N. Y.
Stack, Josephine Laurette	Chenango Forks, N. Y.
<i>Craig Colony for Epileptics, Sonyea</i>	
Teitsworth, Mary Victoria	Sonyea, N. Y.
<i>Crouse Irving Hospital, Syracuse</i>	
Ahern, Ethel Agnes	320 Rich st., Syracuse, N. Y.
Alexander, Flora Agnes	Great Bend, N. Y.
Andrews, Edith Annette	Tabius, N. Y.
Clements, Marian Corinne	Demascus, Va.
Cook, Katharine Mary	202 Center st., East Syracuse, N. Y.
Fairchild, Charlotte	834 Lancaster av., Syracuse, N. Y.
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Harrison, Ethel May	Marcellus, N. Y.
Lauder, Clara Sherman	Cazenovia, N. Y.
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Mara, Marie Genevieve	108 Lamont av., Solvay, N. Y.
Marsh, Marion Olive	303 Gordon av., Syracuse, N. Y.
Munro, Helen Louise	Elbridge, N. Y.
Pasco, Madge	South Butler, N. Y.
Purcell, Anna Marie	313 Milton av., Solvay, N. Y.
Scott, Jessie A.	301 Avery av., Syracuse, N. Y.
Seekell, Irma E.	R. F. D. 2, Seneca Falls, N. Y.
Smith, Edith Gertrude	Crouse Irving Hosp., Syracuse, N. Y.
Sollan, Jessie Irene	118 East av., East Syracuse, N. Y.
Van Cleef, Mary Elizabeth	Auburn rd., Seneca Falls, N. Y.
Vosburgh, Ruth Mary	Seneca Falls, N. Y.
Wood, Norma Eliza	10 Orchard st., Auburn, N. Y.
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<i>Cumberland Street Hospital, Brooklyn</i>	
Brown, Linda	192 Adelphi st., Brooklyn, N. Y.
Fraser, Mabel	109 Cumberland st., Brooklyn, N. Y.
Howey, Jessie Victoria	200 Adelphi st., Brooklyn, N. Y.
McCabe, Mary Veronica	1516 Woodhaven av., Woodhaven, N. Y.
Meehan, Josephine Gannon	442 Sackett st., Brooklyn, N. Y.
O'Driscoll, Hanna M.	192 Adelphi st., Brooklyn, N. Y.
Price, Daisy	200 Adelphi st., Brooklyn, N. Y.
Ward, Alice	192 Adelphi st., Brooklyn, N. Y.
<i>Emergency Hospital, Sisters of Charity, Buffalo</i>	
Mc Hale, Nellie	Emergency Hosp., Buffalo, N. Y.
Roche, Bessie Cecil	Emergency Hosp., Buffalo, N. Y.
<i>Erie County Hospital, Buffalo</i>	
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Evers, Anna A. L.	462 Grider st., Buffalo, N. Y.
Fuzy, Julia C.	3399 Main st., Buffalo, N. Y.
McGloin, Bessie	17 N. Pearl st., Buffalo, N. Y.
Schwartz, Mildred J.	3399 Main st., Buffalo, N. Y.
<i>Faxton Hospital, Utica</i>	
Condon, Elizabeth Anna	Faxton Hosp., Utica, N. Y.
Davidson, Margaret E.	Greene, N. Y.
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Senecal, Bernice E.	Oriskany Falls, N. Y.
<i>Flushing Hospital and Dispensary</i>	
Beam, Henrietta May	Flushing Hosp., Flushing, N. Y.
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Severance, Helen Clair	Phelps, N. Y.
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Wilson, Jessie Irene	Rose, N. Y.
<i>French Benevolent Society's Hospital, New York City</i>	
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Alberque, Cecilia G.	450 W. 34th st., N. Y. C.
Batters, Josephine	127 W. 83d st., N. Y. C.
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Mc Dermott, Eileen C.	450 W. 34th st., N. Y. C.
Meloy, Marie Edna	Rosebank, N. Y.
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Patrick, Ethel L.	R. F. D. 6, Susquehanna, Pa.
Powers, Genevieve A.	450 W. 34th st., N. Y. C.
Robitaille, Jeanne Esther	French Hosp., N. Y. C.
Stoll, Marie Madeleine	415 Water st., Elmira, N. Y.
<i>Geneva City Hospital</i>	
Morrison, Mildred V.	115 High st., Geneva, N. Y.
Peters, Blodwen Leary	7 Rose st., Geneva, N. Y.
Storms, Ella	37 Genesee st., Geneva, N. Y.
Traxel, Margaret J.	City Hosp., Geneva, N. Y.
<i>Glens Falls Hospital</i>	
Davidson, Beatrice E.	22 Knight st., Glens Falls, N. Y.
Flynn, Helen Mary	16 Mc Crea st., Fort Edward, N. Y.
Mc Guffin, May E.	53 Crandall st., Glens Falls, N. Y.
Mayhew, Frances H.	53 Crandall st., Glens Falls, N. Y.
<i>Hahnemann Hospital, New York City</i>	
Bell, Besse B.	310 W. 95th st., N. Y. C.
Britnell, Emma B.	657 Park av., N. Y. C.
Fowlie, Bethia E.	657 Park av., N. Y. C.
Greene, Ethel S.	657 Park av., N. Y. C.
Helman, Violet	657 Park av., N. Y. C.
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Lahey, Annabelle R.	657 Park av., N. Y. C.
Mitchell, Gladys E.	657 Park av., N. Y. C.
Mumford, Eleanor W.	657 Park av., N. Y. C.
Sweeley, Alys L.	657 Park av., N. Y. C.
Sweeley, Madge	302 W. 112th st., N. Y. C.
<i>Hahnemann Hospital, Rochester</i>	
Aldrich, Marion Elizabeth	7 Washington st., Palmyra, N. Y.
Bassett, Anna Helen	1056 South av., Rochester, N. Y.
Baulig, Iona Aly	1056 South av., Rochester, N. Y.
Bockoven, Wilhelmina	212 Lincoln rd., East Rochester, N. Y.
Coe, Edith Helen	148 Earl st., Rochester, N. Y.
Grabb, Lorma R.	West Webster, N. Y.
Levy, Elizabeth	592 North st., Rochester, N. Y.
Mc Kinney, Esther E.	56 Hickory st., Rochester, N. Y.
Siddall, Esther Anna	Glen Springs, Watkins, N. Y.
Spittel, Amy Florence	25 Broadway, Rochester, N. Y.
<i>Homeopathic Hospital, Albany</i>	
Allen, Edith L.	411 Bellinger st., Herkimer, N. Y.
Arpin, Mina	Homeopathic Hosp., Albany, N. Y.
Busier, Eleanor Catharine	15 Moore st., Albany, N. Y.
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Culver, Marguerite Estelle	Millerton, N. Y.
Danehy, Margaret H.	84 Ward st., Little Falls, N. Y.
Goodman, Olive M.	East Greenbush, N. Y.
Mc Lean, Flora	R. F. D. 6, Schenectady, N. Y.
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Nellis, Florence Irene	Northville, N. Y.

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Smith, Harriet B.	Homeopathic Hosp., Albany, N. Y.
Wells, Julia Orissa	Homeopathic Hosp., Albany, N. Y.
White, Edith May	197 Kent st., Albany, N. Y.
Williams, Alida May	Delmar, N. Y.
<i>Homeopathic Hospital and Maternity, Yonkers</i>	
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Dunstadter, Mabelle Alice	408 Walnut av., Syracuse, N. Y.
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Gibbs, Edna Helen	Washington st., Watertown, N. Y.
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Sterling, Beulah M.	Watertown, N. Y.
<i>Hudson City Hospital</i>	
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Cleiman, Frances Eva	Essex County Hosp. for Contagious Diseases, Belleville, N. J.
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	101st st. & Madison av., N. Y. C.
ra	1 E. 100th st., N. Y. C.
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tal	
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	N. Y.
uise	7 W. 57th st., N. Y. C.
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	8 W. 16th st., N. Y. C.

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Schultz, Emilie M.	Hale av., White Plains, N. Y.
Sheres, Frances I.	Mt Sinai Hosp., N. Y. C.
Smith, Inez Clarice	1 E. 100th st., N. Y. C.
Stack, Edelweiss	1 E. 100th st., N. Y. C.
Starrett, Mary Kathryn	1 E. 100th st., N. Y. C.
Stewart, Mary Inez	101st st. & Madison av., N. Y. C.
Weber, Anna Barbara	1 E. 100th st., N. Y. C.
Wiemann, Ida	119 E. 29th st., N. Y. C.
<i>Mount Vernon Hospital</i>	
Barker, Caroline A.	119 4th st., Pelham, N. Y.
Fairchild, Helen Louise	4th st. & Third av., Mount Vernon, N. Y.
Grabofski, Elizabeth C.	43 Elm st., Mount Vernon, N. Y.
Kidd, Elizabeth Manson	Mount Vernon Hosp., Mount Vernon, N. Y.
Lingle, Dorothea Louise	7 W. 57th st., N. Y. C.
Keid, Agnes E.	Granite Springs, N. Y.
Seaman, Mabel H.	207 N. Seventh av., Mount Vernon, N. Y.
Sleight, Harriet Nelson	123 First av., Mount Vernon, N. Y.
Stecker, Julie Florence	5 Rose st., New Rochelle, N. Y.
Taylor, Marjorie Perry	87 Fletcher av., Mount Vernon, N. Y.
<i>Nassau Hospital, Mineola</i>	
Allen, Hazel Hurst	Plandome rd., N. Y.
Coughlan, Agnes K.	Roslyn Heights, N. Y.
Haffa, Lillian Valeria	155 Sherman st., Lynbrook, N. Y.
Hansen, Louise M.	Glen Cove, N. Y.
Harris, Floretta Jones	Nassau Hosp., Mineola, N. Y.
Lowe, Maybell	60 Nassau av., Freeport, N. Y.
Skewes, Viola	Roslyn, N. Y.
<i>Nathan Littauer Hospital, Gloversville</i>	
Hildreth, Dora Irene	55 Sixth av., Gloversville, N. Y.
Manchester, Lilas J.	17 Prospect st., Gloversville, N. Y.
Manzer, Mable	35 Fifth av., Gloversville, N. Y.
Vossler, Edna E.	Fonda, N. Y.
<i>New Rochelle Hospital</i>	
Kjellander, Mildred Eufrosyne	Huntington Station, N. Y.
O'Driscoll, Mary W.	51 Grand st., New Rochelle, N. Y.
Stanley, Marion E.	New Rochelle Hosp., New Rochelle, N. Y.
<i>New York Homeopathic Medical College and Flower Hospital</i>	
Clancy, Susan	5 May st., New Rochelle, N. Y.
Gray, Gertrude E.	13 Sutton pl., N. Y. C.
Kuh, Mildred	520 W. 175th st., N. Y. C.
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Stark, Mary Christina	995 Woodycrest av., N. Y. C.
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<i>New York Hospital</i>	
Babcock, Elizabeth H.	8 W. 16th st., N. Y. C.
Boucher, Helen M.	317 W. 45th st., N. Y. C.
Burns, Margaret Helen	8 W. 16th st., N. Y. C.
Clarry, Helen Gertrude	8 W. 16th st., N. Y. C.
Gouinlock, Edith M.	8 W. 16th st., N. Y. C.
Grayson, Bettina M.	317 W. 45th st., N. Y. C.
Hawkins, Myrtle W.	8 W. 16th st., N. Y. C.
Houle, Mae E.	8 W. 16th st., N. Y. C.
Jacobus, Katherine C.	8 W. 16th st., N. Y. C.
Kinney, Marguerite White	8 W. 16th st., N. Y. C.
Lawrence, Dorothy	8 W. 16th st., N. Y. C.
Loomis, Huldah Mary	8 W. 16th st., N. Y. C.
Love, Esther J.	Boonville, N. Y.
Murphy, Florence Irene	8 W. 16th st., N. Y. C.
Ouwerkerk, Cornelia	8 W. 16th st., N. Y. C.
Seymour, Helen Aurelia	8 W. 16th st., N. Y. C.
Smith, Ruth E.	8 W. 16th st., N. Y. C.
†Sturtevant, Madeleine Voorhis	665 Lexington av., N. Y. C.
Tallcot, Helen	8 W. 16th st., N. Y. C.
Wright, Amy Louise	8 W. 16th st., N. Y. C.
<i>New York Medical College and Hospital for Women</i>	
Dost, Mary Bertha	19 W. 101st st., N. Y. C.
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Bye, Helen Mary	304 E. 20th st., N. Y. C.
Charlesworth, Margaret Fox	304 E. 20th st., N. Y. C.
Costello, Gertrude Mary	304 E. 20th st., N. Y. C.
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Dorman, Jane Callender	133 E. 57th st., N. Y. C.
Fox, Dorothy Elizabeth	304 E. 20th st., N. Y. C.
Jones, Ellen Wilhelmina	304 E. 20th st., N. Y. C.
Jones, Grace	1455 Undercliff av., N. Y. C.
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Lange, Olga J.	144 E. 22d st., N. Y. C.
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† Loree, May C. Lynch	112 Gerry av., Elmhurst, N. Y.
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Neill, Naomi	Skinner Mfg. Co., Holyoke, Mass.
Nystrom, Martha L.	143 E. 83d st., N. Y. C.
Raup, M. Elizabeth	304 E. 20th st., N. Y. C.
Rauscher, Emma	304 E. 20th st., N. Y. C.
Ritner, Florence Ethel	304 E. 20th st., N. Y. C.
Roberts, Helen M.	304 E. 20th st., N. Y. C.
Ryer, Margaret M.	304 E. 20th st., N. Y. C.
Stein, Ellen Peden	304 E. 20th st., N. Y. C.
Stupp, Dorothy Louise	Post Graduate Hosp., N. Y. C.
Thayer, Catherine Louise	212 W. 102d st., N. Y. C.
Whitlock, Charlotte O.	304 E. 20th st., N. Y. C.
Winchester, Margaret Kerr	304 E. 20th st., N. Y. C.
<i>New York Skin and Cancer Hospital</i>	
Bildner, Rebecca	165 Wyckoff av., Brooklyn, N. Y.
Harvey, Agnes C.	652 E. 16th st., N. Y. C.
O'Connell, Elizabeth Mary	301 E. 19th st., N. Y. C.
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Teepie, Minnie F.	Painesville Hosp., Painesville, Ohio
<i>Niagara Falls Memorial Hospital</i>	
Ansell, Gladys M.	Memorial Hosp., Niagara Falls, N. Y.
Barrett, Anna Helen	917 Niagara st., Niagara Falls, N. Y.
Gray, Ida Evelyn	721 Spruce av., Niagara Falls, N. Y.
Henry, Claire Augusta	190 Bridge st., Niagara Falls, Ont.
Mc Mullen, Alma Mary	578 6th st., Niagara Falls, N. Y.
Stoffer, Ethel Florence	Debarcation Hosp., Ellis Island, N. Y. C.
Zenker, Harriet	1518 Willow av., Niagara Falls, N. Y.
<i>Norwegian Hospital, Brooklyn</i>	
Lindell, Hulda	881 Union st., Brooklyn, N. Y.
<i>O. E. Jones General Hospital, Jamestown</i>	
Knight, Maude	Jones General Hosp., Jamestown, N. Y.
Pearson, Anna Karolina	307 Newland av., Jamestown, N. Y.
Rogers, Bernice Ethel	316 Colfax av., Scranton, Pa.
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<i>Ogdensburg City Hospital</i>	
Baker, Stella	64 James st., Ottawa, Ont.
Bradley, Ada Alice	City Hosp., Ogdensburg, N. Y.
Brennan, Mary E. (Sr Mary Monica)	Hepburn Hosp., Ogdensburg, N. Y.
Clark, Ella A.	King st., Ogdensburg, N. Y.
FitzGibbon, Margaret	123 Elizabeth st., Ogdensburg, N. Y.
Gollinger, Helena A.	46 Strathmore av., Buffalo, N. Y.
Macdonell, Margaret	Hepburn Hosp., Ogdensburg, N. Y.
Miller, Bessie M.	City Hosp., Ogdensburg, N. Y.
Nagle, Morna M.	Hepburn Hosp., Ogdensburg, N. Y.
Sullivan, Vivian	Hepburn Hosp., Ogdensburg, N. Y.
<i>Olean General Hospital</i>	
Albro, Gladys M.	109 W. Henley st., Olean, N. Y.
Gibbons, Margaret Irene	710 Wayne st., Olean, N. Y.
Kuf, Dorothy	Alfred, N. Y.
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<i>Ossining Hospital</i>	
Stewart, Martha Henrietta	2 Agate av., Ossining, N. Y.

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Hubbard, Dorothy A.	New Haven, N. Y.
Johnson, Cecelia E.	178 W. 7th st., Oswego, N. Y.
Sponenberg, Edna L.	City Hosp., Oswego, N. Y.
<i>Park Hospital (formerly New York Red Cross Hospital)</i>	
Driscoll, Annie V.	395 Central Park W., N. Y. C.
Hunt, Patience	40 Morningside av., N. Y. C.
<i>Park Avenue Hospital, Rochester</i>	
Moore, Rena David	51 Seneca pkwy., Rochester, N. Y.
<i>Pekskill Hospital</i>	
Bovier, Martha	512 University av., Ithaca, N. Y.
<i>People's Hospital, Brooklyn</i>	
Gehring, Minnie	203 Second av., N. Y. C.
Watnick, Miriam	203 Second av., N. Y. C.
<i>Physicians Hospital, Plattsburg</i>	
Cornell, Charlotte Geraldine	17. Prospect st., Norwood, N. Y.
Littlejohn, Florence Mary	106 Court st., Plattsburg, N. Y.
Pinkman, Vera Barbara	Saranac, N. Y.
Sheridan, Adele Gertrude	Keeseville, N. Y.
Stafford, Carolyn Mae	116 Court st., Plattsburg, N. Y.
<i>Polyclinic Hospital, New York City</i>	
Nixon, Ethel	651 St Mark's av., Brooklyn, N. Y.
<i>Presbyterian Hospital, New York City</i>	
Berry, Adelaide B.	37 E. 71st st., N. Y. C.
Bliss, Alice W.	37 E. 71st st., N. Y. C.
Branham, Juliet C.	37 E. 71st st., N. Y. C.
Bridges, Margaret D.	37 E. 71st st., N. Y. C.
Campbell, Agnes R.	37 E. 71st st., N. Y. C.
Campbell, Cathrine M.	37 E. 71st st., N. Y. C.
Campbell, Margaret S.	37 E. 71st st., N. Y. C.
Carlson, Ruby F.	37 E. 71st st., N. Y. C.
Daniel, Mary King	37 E. 71st st., N. Y. C.
Day, Charlotte Seymour	37 E. 71st st., N. Y. C.
Duhl, Gertrude S.	37 E. 71st st., N. Y. C.
Edwards, Frances A.	37 E. 71st st., N. Y. C.
†Field, Edith M. Joy	24 E. 48th st., N. Y. C.
Goodearle, Greta	37 E. 71st st., N. Y. C.
Gordon, Elizabeth Townsend	37 E. 71st st., N. Y. C.
Green, Gwendolyn I.	37 E. 71st st., N. Y. C.
Hall, Marion	37 E. 71st st., N. Y. C.
Harding, Helen B.	Presbyterian Hosp., N. Y. C.
Harrell, Virginia	37 E. 71st st., N. Y. C.
Hopkins, Elsie B.	37 E. 71st st., N. Y. C.
Jenkins, Anna X.	37 E. 71st st., N. Y. C.
Jones, Inez Jennie	37 E. 71st st., N. Y. C.
Kennedy, Anne M.	37 E. 71st st., N. Y. C.
Latting, Helen Leslie	37 E. 71st st., N. Y. C.
Leitch, Norma F.	37 E. 71st st., N. Y. C.
Mc Andrew, Laureda	37 E. 71st st., N. Y. C.
†Mc Guinness, Amy Chamberlain	Chester, N. Y.
Miller, Olive Emina	37 E. 71st st., N. Y. C.
Montgomery, Frances C.	37 E. 71st st., N. Y. C.
Osborne, Margaret Rennington	37 E. 71st st., N. Y. C.
Peabody, Mary Bishop	Torresdale, Philadelphia, Pa.
Perkins, Emelie Munson	37 E. 71st st., N. Y. C.
Pillsbury, Mary Elizabeth	37 E. 71st st., N. Y. C.
Seeholzer, Clara Magdalene	Bethel, Conn.
Simon, Charlotte M.	37 E. 71st st., N. Y. C.
Simpson, Anne Lenore	37 E. 71st st., N. Y. C.
Smith, Anne	37 E. 71st st., N. Y. C.
Smith, Gladys B.	37 E. 71st st., N. Y. C.
Smith, Margery K.	37 E. 71st st., N. Y. C.
Snedecor, Florence Tyson	37 E. 71st st., N. Y. C.
Sterne, Bessie W.	37 E. 71st st., N. Y. C.
Stuckman, Marie H.	37 E. 71st st., N. Y. C.
Taylor, George Margaretta	37 E. 71st st., N. Y. C.
Towers, Lee	37 E. 71st st., N. Y. C.
Weir, Grace C.	37 E. 71st st., N. Y. C.
West, Nannette	37 E. 71st st., N. Y. C.
Whitesides, Lula L.	37 E. 71st st., N. Y. C.

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Masemann, Marian Elcanor	775 Washington av., Brooklyn, N. Y.
Rodriguez, Irene E.	27 Fort Greene pl., Brooklyn, N. Y.
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<i>Rochester General Hospital</i>	
Blake, Edith E.	Curwensville, Pa.
Brittain, Zoe E.	Cambria, Pa.
Chudzinski, Martha Agnes	N. Y. State Hosp., Raybrook, N. Y.
Davis, Mildred C.	General Hosp., Rochester, N. Y.
De Nirod, Olive G.	262 Sumner st., Buffalo, N. Y.
Densmore, Mildred Elizabeth	Rochester, N. Y.
Derrick, Gladys L.	Abercorn, Que.
Donaldson, Carolyn Mae	271 Chili av., Rochester, N. Y.
Fedder, Naomi Ruth	26 Seward st., Dansville, N. Y.
Finity, Margaret Anastatia	64 Locust st., Rochester, N. Y.
Herbison, Vera Bessie	222 Church st., West Brockville, Ont.
Hodges, Nellie Beatrice	General Hosp., Rochester, N. Y.
Hoff, Alberta	Newark, N. Y.
Hoffman, Mabel Electa	187 Conhocton st., Corning, N. Y.
Jansson, Ellen Alexandra P.	109 E. 4th st., Corning, N. Y.
Jennings, Hazel Lora	Hahnemann Hosp., Rochester, N. Y.
Jennings, Lois V.	1535 Culver rd., Rochester, N. Y.
Kitchen, Mildred May	Samaritan Hosp., Ashland, Ohio
Mc Aviney, Catherine Adolene	General Hosp., Rochester, N. Y.
Mc Carthy, Jean C.	42 Harvard av., Toronto, Ont.
Mumford, Julia H.	115 Westminster rd., Rochester, N. Y.
Noone, Naomi M.	543 Main st. W., Rochester, N. Y.
North, Diadama L.	22 Park av., Perry, N. Y.
Robinson, Mildred	General Hosp., Rochester, N. Y.
Sargent, Ruth M.	Seneca Castle, N. Y.
†Scanlan, Mary B.	176 Cleveland av., Buffalo, N. Y.
Stevenson, Beulah M.	290 Mc Dermott av., Winnipeg, Man.
Wentworth, Olive A.	General Hosp., Rochester, N. Y.
<i>Rochester Homeopathic Hospital</i>	
Carey, Mary L.	224 Alexander st., Rochester, N. Y.
De Bow, Maude M.	224 Alexander st., Rochester, N. Y.
Emens, Clara Mattie	Clifton, N. Y.
Joyce, Hazel Margaret	230 S. Goodman st., Rochester, N. Y.
Kratzenburg, Rose Lee	224 Alexander st., Rochester, N. Y.
Miller, Maud	94 Glendale Park, Rochester, N. Y.
Rowe, Mary Caroline	Pittsford, N. Y.
Rutz, Jessie Rose	93 Richard st., Rochester, N. Y.
Stell, Mary Barbara	Newark, N. Y.
Taylor, Edith Louise	254 Wellington av., Rochester, N. Y.
Tobin, Katherine Theresa	15 Elmhurst st., Rochester, N. Y.
Westlake, Kathleen E.	224 Alexander st., Rochester, N. Y.
Wheat, Helen Eloise	224 Alexander st., Rochester, N. Y.
<i>Rochester State Hospital</i>	
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†Belleu, Mary Belle Nicholls	Mumford, N. Y.
†Davis, Nellie Bray	80 Cook st., Rochester, N. Y.
Heagney, Elizabeth	State Hosp., Rochester, N. Y.
Reed, Dorothy A.	1500 South av., Rochester, N. Y.
Reede, Mabelle E.	440 E. 26th st., N. Y. C.
†Strong, Julia	Victor, N. Y.
†Sullivan, Mary E. Tooley	1525 South av., Rochester, N. Y.
†Van Valkenburg, Margaret A.	251 Cypress st., Rochester, N. Y.
<i>Rome Hospital</i>	
De Garmo, Beatrice C.	115 E. Bloomfield st., Rome, N. Y.
Mills, Anna Cynthia	315 W. Embargo st., Rome, N. Y.
Wilson, Dorothy Olcott	42 Turin st., Rome, N. Y.
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Austin, Elizabeth	50 W. 105th st., N. Y. C.
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Rowse, Vivian Tregellas	1437 E. 116th st., Cleveland, Ohio
Rowse, Wilma Pendarves	1437 E. 116th st., Cleveland, Ohio
Schultze, Catherine	Boonton, N. J.
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Turner, Isabelle Jeannette	Elora, Ont.
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Watson, Marion	Scaforth, Ont.
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Wolhaupter, Marion P.	Port Dalhousie, Ont.
<i>St Andrew's Infirmary for Women, New York City</i>	
†Youngs, Clara D.	Box 482, Sag Harbor, N. Y.
<i>St Catharine's Hospital, Brooklyn</i>	
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Du Puy, Dorothy M.	Fourth av., Whitestone, N. Y.
Morrissey, Mary R.	Newcastle, New Brunswick, Can.
Ryan, Catherine A.	66 4th st., Whitestone, N. Y.
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Brennan, Ida Evelauna	707 Oswego st., Utica, N. Y.
Dowd, Elinor Gladys	707 Oswego st., Utica, N. Y.
Eagan, Edna E.	Frankfort, N. Y.
Paul, Margaret Elizabeth	107 Erie st., Frankfort, N. Y.
<i>St James Mercy Hospital, Hornell</i>	
Ahearn, Mary Catherine	57 John st., Hornell, N. Y.
Lynch, Alice Gertrude	411 Canisteo st., Hornell, N. Y.
Ramsey, Frances Cecilia	48 E. Main st., Hornell, N. Y.
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Dillon, Margaret C.	619 Grand st., Troy, N. Y.
Flood, Mary Agnes	512 Cooper st., Watertown, N. Y.
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<i>St John's Hospital, Brooklyn</i>	
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Ostrom, Carla Helen	213 Cypress av., Flushing, N. Y.
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Wasmer, Elmina Wood	East Islip, N. Y.
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<i>St John's Long Island City Hospital</i>	
Lawless, Mary Theresa	768 Crescent st., Astoria, N. Y.
Leane, Nellie	128 Pearl st., N. Y. C.
Mc Garry, Sadie E.	324 Freeman av., Astoria, N. Y.
Mc Manus, Jeannette S.	432 Hopkins av., Astoria, N. Y.
Murphy, Maud C.	3100 Broadway, N. Y. C.
O'Dea, Madeleine O'Connor	138 E. 43d st., N. Y. C.

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Bentley, Louise Marion	686 Second av., Troy, N. Y.
Birn, Ann Gertrude	St John's Hosp., Yonkers, N. Y.
Birge, Mae L.	562 S. Broadway, Yonkers, N. Y.
Porter, Vida B. M.	249 Riverdale av., Yonkers, N. Y.
Williamson, Henrietta Hermia	185 Wegman pkwy., Yonkers, N. Y.
<i>St Joseph's Hospital, Elmira</i>	
Gorges, Matilda C.	356 E. 3d st., Corning, N. Y.
Harrington, Mary A.	Painted Post, N. Y.
Lyden, Sara Jane	St Joseph's Hosp., Elmira, N. Y.
<i>St Joseph's Hospital, Far Rockaway</i>	
Bardenstein, Pearl M.	St Joseph's Hosp., Far Rockaway, N. Y.
Burns, Margaret M.	St Joseph's Hosp., Far Rockaway, N. Y.
Chieffo, Margaretta Cecelia	1116 Baker av., Jamaica, N. Y.
Gueth, Frederica Marie	1036 Hollywood av., Far Rockaway, N. Y.
Gunther, L. Beatrice	St Joseph's Hosp., Far Rockaway, N. Y.
Lambert, Helen Agnes	St Joseph's Hosp., Far Rockaway, N. Y.
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<i>St Joseph's Hospital, Syracuse</i>	
Hennessy, Catharine M.	142 W. Corning av., Syracuse, N. Y.
Hoffman, Mary Ellen	206 Grace st., Syracuse, N. Y.
Kenny, Helen T.	41 Sherman st., Little Falls, N. Y.
<i>St Joseph's Hospital, Yonkers</i>	
†Farrell, Margaret	Elka Park, N. Y.
Gannon, Josephine M.	"Oakhurst" Cedar rd., New Rochelle, N. Y.
Gleason, Mary E.	City Hosp., Yonkers, N. Y.
Hayes, Jetta	St Joseph's Hosp., Yonkers, N. Y.
Kaufman, Amelia	27 E. Orange st., Lancaster, Pa.
<i>St Lawrence State Hospital, Ogdensburg</i>	
• Crossman, Mildred Lucille	State Hosp., Ogdensburg, N. Y.
Huntington, Bessie Ina	State Hosp., Ogdensburg, N. Y.
Mc Roberts, Hellen C.	State Hosp., Ogdensburg, N. Y.
O'Neill, Anna	Ogdensburg, N. Y.
Potter, Goldie M.	Station A, Ogdensburg, N. Y.
Ratliffe, Grace Elizabeth	148 New York av., Ogdensburg, N. Y.
Short, Florence H.	State Hosp., Ogdensburg, N. Y.
Smith, Cornelia G.	Public Health Nurse, Macon, Ga.
Sullivan, Mary Christina	121 Grace st., Syracuse, N. Y.
<i>St Luke's Hospital, Newburgh</i>	
Adams, Sophie E.	151 Grand st., Newburgh, N. Y.
Davis, Grace Lucille	Cornwall, N. Y.
Knoblock, Katharine M.	151 E. 83d st., N. Y. C.
Mc Kay, Ethel Robinson	168 W. Parmenter st., Newburgh, N. Y.
<i>St Luke's Hospital, New York City</i>	
Barnett, Helen Gesner	27 Hewlett st., Waterbury, Conn.
Beasley, Emily Haven	434 W. 120th st., N. Y. C.
Burwell, Marjorie	St Luke's Hosp., N. Y. C.
Clark, Bertha Craig	St Luke's Hosp., N. Y. C.
Coast, Mary Gladys	120 S. Clinton st., Olean, N. Y.
Cooper, Julia	St Luke's Hosp., N. Y. C.
Denison, Myrtle C.	St Luke's Hosp., N. Y. C.
Ecclestone, Irene	St Luke's Hosp., N. Y. C.
• Espy, Mabel L.	St Luke's Hosp., N. Y. C.
Fitzgibbon, Estelle Elizabeth	St Luke's Hosp., N. Y. C.
Floyd, Hester Howe	St Luke's Hosp., N. Y. C.
French, Lucy Consuelo	St Luke's Hosp., N. Y. C.
• Fulton, Etta R.	St Luke's Hosp., N. Y. C.
Gilbart, Katrina Mae	St Luke's Hosp., N. Y. C.
Henry, Zella M.	St Luke's Hosp., N. Y. C.
Horrocks, Margaret	St Luke's Hosp., N. Y. C.
Jardine, Helen R.	St Luke's Hosp., N. Y. C.
Knowles, Phyllis A.	St Luke's Hosp., N. Y. C.
Lindeburgh, Marion	St Luke's Hosp., N. Y. C.
Mac Quarrie, Ethel Burke	St Luke's Hosp., N. Y. C.
Marshall, Sylvia H.	St Luke's Hosp., N. Y. C.
Moore, Grace Lawrence	258 Bay st. S., Hampton, Ont.
Nagel, Pauline M.	St Luke's Hosp., N. Y. C.
Nevins, Nora K.	St Luke's Hosp., N. Y. C.
Peterson, Marjorie M.	St Luke's Hosp., N. Y. C.
Pilling, Elizabeth	St Luke's Hosp., N. Y. C.
Reber, Angeline R.	St Luke's Hosp., N. Y. C.

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Roll, Emilie E.	St Luke's Hosp., N. Y. C.
Rowlison, Gretta Leah	St Luke's Hosp., N. Y. C.
Salisbury, Bertha W.	258 Main st., Norwalk, Conn.
Sherman, Helen Marie	St Luke's Hosp., N. Y. C.
Smallwood, Olive G.	St Luke's Hosp., N. Y. C.
Stevens, Helen F.	St Luke's Hosp., N. Y. C.
Swackhamer, Alice L.	St Luke's Hosp., N. Y. C.
Van Deusen, Agnes	St Luke's Hosp., N. Y. C.
Weston, Ada Walsh	St Luke's Hosp., N. Y. C.
Wicker, Janet	28 Walnut st., Lockport, N. Y.
Williams, Beatrice Holley	St Luke's Hosp., N. Y. C.
<i>St Luke's Hospital, Utica</i>	
Barton, Esther Louise	Whitesboro, N. Y.
Creed, Kathleen Mary	37 Greig ter., Canandaigua, N. Y.
Entwistle, Margaret C.	752 Blandina st., Utica, N. Y.
Harvey, Gertrude M.	Frankfort, N. Y.
Owens, Elizabeth E.	31 Faxon st., Utica, N. Y.
Snow, Lina M.	1003 Park av., Utica, N. Y.
Stebbins, Ethlyn Ives	St Luke's Hosp., Utica, N. Y.
<i>(The) St Mary Hospital, Brooklyn</i>	
Califano, Florence Genevieve	1768 W. 8th st., Brooklyn, N. Y.
Kilcourse, Gertrude M.	1467 Dean st., Brooklyn, N. Y.
Kilcourse, Mary J.	1467 Dean st., Brooklyn, N. Y.
Kinnane, Mary Imelda	376 Ferry st., Woodhaven, N. Y.
Malone, Anna C.	357 Midwood st., Brooklyn, N. Y.
Merklin, Eda M.	376 Ferry st., Woodhaven, N. Y.
Neil, Gladys M. Townsend	149 N. Broadway, Yonkers, N. Y.
Simmons, Catherine Elizabeth	238 Wilkinson av., Jersey City, N. J.
Stafford, Eugenie Elizabeth	27 Brevoort pl., Brooklyn, N. Y.
Stettner, Elizabeth A.	25 Greene av., Brooklyn, N. Y.
<i>St Mary's Free Hospital for Children, New York City</i>	
Bailey, Calista Mildred	2444 Valentine av., N. Y. C.
Sadoques, Elizabeth M.	407 W. 34th st., N. Y. C.
Taylor, Edna Mertilla	407 W. 34th st., N. Y. C.
<i>St Mary's Hospital, Rochester</i>	
Baker, Elizabeth Rhea	1232 St Paul st., Rochester, N. Y.
Brennan, Kathryn Cecelia	10 Hayward st., Buffalo, N. Y.
Coyle, Loretta Teresa	157 Westfield av., Bridgeport, Conn.
Dwyer, Margaret Mary	113 N. Main st., Canandaigua, N. Y.
Egan, Helen	26 Baldwin st., Rochester, N. Y.
Grantham, Edith L.	77 Wilder ter., Charlotte, N. Y.
Heisler, Florence K.	275 W. 7th st., Oswego, N. Y.
†Keeler, Elizabeth Ann	106 Seymour st., Auburn, N. Y.
Kelly, Marie V.	73 Lozier st., Rochester, N. Y.
Smith, Celia Agnes	66 Henrietta st., Rochester, N. Y.
<i>St Peter's Hospital, Albany</i>	
Barry, Lena V.	88 Railroad st., Mechanicville, N. Y.
Butler, Anna Loretta	5 S. University pl., Schenectady, N. Y.
Connick, Genevieve M.	55 Park av., Albany, N. Y.
Decher, Katherine I.	Coeymans, N. Y.
Dempsey, Mary M.	Shushan, N. Y.
Dwyer, Loretta M.	65 Garner st., Cohoes, N. Y.
Eckl, Elizabeth F.	5 North st., Catskill, N. Y.
Ferguson, Mary G.	18 English st., Ilion, N. Y.
†Gethins, Mary Monica	809 Broadway, Watervliet, N. Y.
Golden, Florence Magdaiena	97 Jay st., Albany, N. Y.
Hayden, Anna M.	550 Myrtle av., Albany, N. Y.
Hickey, Mary G.	103 Second av., Rensselaer, N. Y.
Kennedy, Lauretta J.	208 Grand av., Saratoga Springs, N. Y.
Mullen, Ellen T.	Pawling Sanitarium, Wynantskill, N. Y.
Murphy, Helen M.	775 Hattie pl., Schenectady, N. Y.
O'Loughlin, Mary Agnes	2222 Fifth av., Troy, N. Y.
Stone, Sarah J.	5 Orville st., Glens Falls, N. Y.
<i>St Vincent's Hospital, New York City</i>	
Beaudry, Madeleine	275 Outremont av., Montreal, Que.
Belanger, Margaret H.	1818 Cedar av., Morris Heights, N. Y. C.
Burns, Gertrude Isabel	214 E. 69th st., N. Y. C.
Cardew, Mary Denton	156 W. 12th st., N. Y. C.
Clarke, Grace F.	2076 Fifth av., N. Y. C.
Coan, Katharine Agnes	St Vincent's Hosp., N. Y. C.
Cullen, Rose M.	158 W. 12th st., N. Y. C.
Doyle, Helena C.	158 W. 12th st., N. Y. C.
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Gaddis, Leona Marie	156 W. 12th st., N. Y. C.
Gallavan, Agnes Cecilia	156 W. 12th st., N. Y. C.
†Kiely, Katherine Veronica	461 Edgecomb rd., N. Y. C.
Killfoile, Alice Elizabeth	Stockbridge, Mass.
Le Febvre, Mary Louise	Alexandria Bay, N. Y.
Levy, Muriel Friend	47 W. 34th st., N. Y. C.
McConnell, Margaret	156 W. 12th st., N. Y. C.
Meehan, Teresa M.	215 W. 34th st., N. Y. C.
Molony, Anna D.	67 E. 130th st., N. Y. C.
Monakey, Lorette Aldegonde	Tupper Lake, N. Y.
O'Connell, Marion	990 Decatur st., N. Y. C.
O'Connell, Mary E.	158 W. 12th st., N. Y. C.
Power, Theresa M.	Bell Island, New Foundland
Quinn, Gertrude C.	156 W. 12th st., N. Y. C.
Schultz, Gertrude Anna	32 Plattsville av., Norwalk, Conn.
Spillane, Mary F.	156 E. 122d st., N. Y. C.
Todt, Amy J.	156 W. 12th st., N. Y. C.
Walsh, Agnes	156 W. 12th st., N. Y. C.
Walsh, Mary	1629 Lexington av., N. Y. C.
<i>St Vincent's Hospital of the Borough of Richmond, West New Brighton</i>	
Carlleton, M. Geraldine	96 Whitestone av., Flushing, N. Y.
Downey, Frances Gertrude	568 Davis av., West New Brighton, N. Y.
<i>Samarian Hospital, Troy</i>	
Allan, Dorothy E.	Johnsonville, N. Y.
Benneway, Edith L.	146 Seventh av., Troy, N. Y.
Brown, Helen Mary	501 Pawling av., Troy, N. Y.
Cone, Helen	2348 16th st., Troy, N. Y.
Hawkins, Stella Mary	South Shaftsbury, Vt.
Howes, E. Elizabeth	47 College av., Troy, N. Y.
Hulett, Caroline S.	2240 13th st., Troy, N. Y.
Mc Mann, Margaret	Salem, N. Y.
Moore, F. Marion	13 Arthur st., Binghamton, N. Y.
Nichols, Gladys Lydia	171 Hoosick st., Troy, N. Y.
Ruether, Coletha A.	1704 Highland av., Troy, N. Y.
Russell, E. Florence	2155 14th st., Troy, N. Y.
Smith, Irene Wagner	2348 16th st., Troy, N. Y.
<i>Saratoga Hospital, Saratoga Springs</i>	
Angell, Ida N.	424 Pierce av., Astoria, N. Y.
Armstrong, Martha Grace	94 Lancaster st., Albany, N. Y.
Dwyer, Rosella F.	71 Church st., Saratoga Springs, N. Y.
Farnan, Helen A.	Saratoga Hosp., Saratoga Springs, N. Y.
Morrissey, Mary Agnes	75 Nelson av., Saratoga Springs, N. Y.
Paro, Elise H.	91 Division st., Saratoga Springs, N. Y.
<i>Schenectady Hospital Association (Ellis Hospital)</i>	
Brockett, Mabel Gaffers	223 Union st., Schenectady, N. Y.
Burtiss, Viola M.	41 Springfield av., Schenectady, N. Y.
Danaher, Mary A.	709 Becker st., Schenectady, N. Y.
Easterly, Carrie Stewart	96 Prospect st., Gloversville, N. Y.
Edwards, Della J.	527 Brandywine av., Schenectady, N. Y.
Farrington, Helen V.	Tribes Hill, N. Y.
Goodell, Mildred B.	212 Victory av., Schenectady, N. Y.
Folger, Constance Wilcox	Granville, N. Y.
Knack, Rose	Niskayuna, N. Y.
Lord, Estelle M.	1005 State st., Schenectady, N. Y.
Mac Intyre, Vera F.	4 Elmer av., Schenectady, N. Y.
Mercer, Agatha V. Burge	1039 Stanford st., Schenectady, N. Y.
Murphy, Mary C.	553 Rugby rd., Schenectady, N. Y.
Myers, Mabel G.	701 State st., Schenectady, N. Y.
Snyder, Charlotte Marie	Ellis Hosp., Schenectady, N. Y.
Tempany, Helen V.	304 Van Vranken av., Schenectady, N. Y.
Warner, Helen Elizabeth	129 Spring st., Gloversville, N. Y.
Wilkie, Katherine	704 Brandywine av., Schenectady, N. Y.
<i>Staten Island Hospital, Tompkinsville</i>	
Abrahams, Agnes Mae	S. I. Hosp., Tompkinsville, N. Y.
Ackerman, Sara	S. I. Hosp., Tompkinsville, N. Y.
Dunham, Marguerite	S. I. Hosp., Tompkinsville, N. Y.
Fisher, Elsie	S. I. Hosp., Tompkinsville, N. Y.
Goller, Rene J.	S. I. Hosp., Tompkinsville, N. Y.
Halama, Elizabeth D.	S. I. Hosp., Tompkinsville, N. Y.
Jordan, Margaret I.	R. F. D. 1, Kingston, N. Y.
Kelly, Augusta Jean	Central Club for Nurses, 45th st., N. Y. C.
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Tuthill, Beatrice Ward	S. I. Hosp., Tompkinsville, N. Y.
Westerfield, Dorothy Isabelle	S. I. Hosp., Tompkinsville, N. Y.
<i>Swedish Hospital, Brooklyn</i>	
Bryant, Sadie Louise	181a Rogers av., Brooklyn, N. Y.
<i>Sydenham Hospital, New York City</i>	
Epstein, Anna	725 E. 182d st., N. Y. C.
Venable, Lillian Mosely	337 E. 116th st., N. Y. C.
Weinberger, Mildred A.	42 W. 106th st., N. Y. C.
<i>Syracuse Homeopathic Hospital</i>	
Best, Lena T.	135 Beacon st., Syracuse, N. Y.
Claxton, Elvena E.	Rome Hospital, Rome, N. Y.
Letter, L. Geraldine	Homeopathic Hosp., Syracuse, N. Y.
<i>Syracuse Memorial Hospital (Syracuse Hospital for Women and Children)</i>	
Bates, Helen Marie	213 Fitch st., Syracuse, N. Y.
Davis, Flora Louise	Tompkins County Tuberculosis San., Ithaca, N. Y.
Guindon, Sarah Hetty	Homeopathic Hosp., Syracuse, N. Y.
Kallberg, Signe Margareta	831 Westcott st., Syracuse, N. Y.
Kelly, Helen Ancilla	1214 W. Genesee st., Syracuse, N. Y.
Laraway, Grace Rosila	606 Milton av., Syracuse, N. Y.
Mietz, Myra Olive	209 Matty av., Syracuse, N. Y.
Mitchell, Helen Ruth	212 W. Lafayette av., Syracuse, N. Y.
Morris, Eva Beatrice	1214 W. Genesee st., Syracuse, N. Y.
Richardson, Rowena	1214 W. Genesee st., Syracuse, N. Y.
Ripson, Nina L.	212 W. Lafayette av., Syracuse, N. Y.
Rymell, A. Brenetta	1214 W. Genesee st., Syracuse, N. Y.
Rymell, Carolyn Mae	1214 W. Genesee st., Syracuse, N. Y.
Waldorf, Frances Marshall	Clyde, N. Y.
Walter, Claire Allerton	606 Milton av., Syracuse, N. Y.
<i>Thanksgiving Hospital, Cooperstown</i>	
Farguharson, Eva H.	Cooperstown, N. Y.
Harvie, Margaret L.	Cooperstown, N. Y.
Jensen, Anna Christina	Cooperstown, N. Y.
<i>Troy Hospital</i>	
Boland, Mary Winifred	2524 Fifth av., Troy, N. Y.
Carrigan, Mary A.	17 Romeyn av., Amsterdam, N. Y.
Connell, Mary F.	224 1st st., Troy, N. Y.
Cronin, Monica H. B.	Mechanicville, N. Y.
Crounse, Lucy Mary	Troy Hosp., Troy, N. Y.
Foley, Marie A.	282 10th st., Troy, N. Y.
Fraser, Catherine B.	Troy Hosp., Troy, N. Y.
Garrity, Alice F.	939 Columbia st., Hudson, N. Y.
Kiernan, Mary Josephine	138 Sherman st., Albany, N. Y.
Luby, Genevieve Cecelia	327 9th st., Troy, N. Y.
McCabe, Alice Celestine	20 White st., Cohoes, N. Y.
McGrath, Marie Albina	213 25th st., Watervliet, N. Y.
McKenna, Marion Frances	257 Partridge st., Albany, N. Y.
Millington, Marion D.	182 Francis st., Troy, N. Y.
Plunkett, Anna E.	490 Fifth av., North Troy, N. Y.
Pulver, Isabelle Wilson	Valatie, N. Y.
Purcell, Clara Margaret	Valatie, N. Y.
Reeves, Anna Tiers (Sr Marie)	Troy Hosp., Troy, N. Y.
Shea, Margaret M.	Troy Hosp., Troy, N. Y.
Van Derwerken, Grace H.	289 Fourth av., Troy, N. Y.
<i>United Hospital, Port Chester</i>	
Bender, Caroline Elizabeth	152 Horton av., New Rochelle, N. Y.
Dearing, Adele Irene	1 Ridgeview pl., Port Chester, N. Y.
<i>Utica General Hospital</i>	
Gagan, Mabel	1173 Leeds st., Utica, N. Y.
McNaughton, Minnie	General Hosp., Utica, N. Y.
Vosburgh, Eva Vida	Saranac Lake, N. Y.
<i>Utica Homeopathic Hospital</i>	
Brondstatter, Louise E.	1023 Steuben st., Utica, N. Y.
Phillips, Berdella A.	1105 Oak st., Utica, N. Y.

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<i>Utica State Hospital</i>	
Jones, Lena M.	134 W. 82d st., N. Y. C.
Kelly, Catherine A.	Gouverneur Hosp., N. Y. C.
Stacy, Lillian	304 W. Main st., Johnstown, N. Y.
<i>Vassar Brothers Hospital, Poughkeepsie</i>	
Birdsall, Gertrude E.	Clinton Corners, N. Y.
Brown, Esther Harriet	68 Lincoln av., Poughkeepsie, N. Y.
Caire, Ruth H.	30 N. Hamilton st., Poughkeepsie, N. Y.
Gorton, Lillian M.	Norwich, N. Y.
Lang, Mildred B.	Vassar Bros. Hosp., Poughkeepsie, N. Y.
Mc Arthur, Ruth	Westboro, Mass.
Myers, Ermine	Wappingers Falls, N. Y.
Voorhees, Mildred Audrey	Blvd. Knolls, Poughkeepsie, N. Y.
<i>White Plains Hospital</i>	
Cullen, Gertrude E.	Picassantville Station, N. Y.
Freeman, Nettie Tibert	White Plains Hosp., White Plains, N. Y.
Gowers, Rosa V.	61 Mamaroneck av., White Plains, N. Y.
<i>Willard State Hospital</i>	
Byrnes, Doretha D.	Willard, N. Y.
Rourke, Mary A.	Willard, N. Y.
<i>Williamsburg Hospital, Brooklyn</i>	
Casey, Elizabeth M.	20 Sidney pl., Brooklyn, N. Y.
Drew, Hannora H.	280 Putnam av., Brooklyn, N. Y.
Gilmore, Julia Matilda	106 S. 3d st., Brooklyn, N. Y.
Mahoney, Mae J.	280 Putnam av., Brooklyn, N. Y.
Tuley, Ethel May	166a Schaeffer av., Brooklyn, N. Y.
<i>Woman's Christian Association Hospital, Jamestown</i>	
Beaty, Frances P.	W. C. A. Hosp., Jamestown, N. Y.
Bennett, Lucy Marcia	366 Foote av., Jamestown, N. Y.
Bill, Katherine	331 E. 3d st., Jamestown, N. Y.
Bloomquist, Myrtie A.	207 Foote av., Jamestown, N. Y.
Kittell, Ruth Valentine	301 Main st., Falconer, N. Y.
Neild, Sara Ellen	136 Thayer st., Jamestown, N. Y.
Nethercott, Ora Mae	W. C. A. Hosp., Jamestown, N. Y.
Shaw, Mabel R.	Jamestown, N. Y.
Shepard, Ruth H.	W. C. A. Hosp., Jamestown, N. Y.
Toothill, Gladys A.	207 Foote av., Jamestown, N. Y.
<i>Wyckoff Heights Hospital (formerly German Hospital), Brooklyn</i>	
Brinckmann, Elsie	440 Dill pl., Brooklyn, N. Y.
Derenthal, Anna Helen	Wyckoff Heights Hosp., Brooklyn, N. Y.
Hohenrath, Emilie L.	Wyckoff Heights Hosp., Brooklyn, N. Y.
Kallighan, Grace Helen	Wyckoff Heights Hosp., Brooklyn, N. Y.
Liljeros, Florence Valerie	Wyckoff Heights Hosp., Brooklyn, N. Y.
Rehder, Mary	Wyckoff Heights Hosp., Brooklyn, N. Y.
Scheurerlein, S. Marie	360 Stockholm st., Brooklyn, N. Y.

Group 2

SCHOOLS IN OTHER STATES

California

<i>Waldick Hospital, San Francisco</i>	
†Prendergast, Ida Dorsch	308 W. 150th st., N. Y. C.

District of Columbia

<i>Garfield Memorial Hospital, Washington</i>	
Graham, Jane S.	153 W. 121st st., N. Y. C.
<i>Providence Hospital, Washington</i>	
Dotterweich, Jane Hazel	314 W. Henley st., Olean, N. Y.

Illinois

<i>St Luke's Hospital, Chicago</i>	
†Martin, Priscilla Anna	158 E. 87th st., N. Y. C.

Louisiana

<i>Charity Hospital, New Orleans</i>	
†Sheehy, Ellen Mary	10 Oakwood ter., Troy, N. Y.

Maryland

<i>Church Home and Infirmary, Baltimore</i>	
Farrall, Harriet	437 E. Main st., Batavia, N. Y.

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Massachusetts	
<i>Boston City Hospital</i> Casey, Julia Etta	203 W. 6th st., Oswego, N. Y.
<i>House of Mercy Hospital, Pittsfield</i> †Comstock, Mary E. Stebbins	Clark Mills, N. Y.
<i>McLean Hospital, Waverly</i> †Buchanan, Emma M. Stone Gallop, Christina Laura Wynne, Lucie Mary	317 W. 95th st., N. Y. C. Box 8, Waverly, Mass. 4401 Market st., West Philadelphia, Pa.
<i>Massachusetts General Hospital, Boston</i> †Johnson, Lydia E. C. McLean, Ethel Scott	1732 Poplar av., Memphis, Tenn. 135 E. 37th st., N. Y. C.
<i>Memorial Hospital, Worcester</i> †Norris, Hannah Sophia	Riverside Hosp., North Brothers Is., N. Y. N. Y.
<i>New England Hospital for Women and Children, Boston</i> †Meyers, Mary A.	680 West End av., N. Y. C.
<i>Peter Bent Brigham Hospital, Boston</i> Mc Vicker, Mabel	Albany Hosp., Albany, N. Y.
<i>Worcester City Hospital</i> †Toothaker, Helena Mae	210 E. 64th st., N. Y. C.
Michigan	
<i>Butterworth Hospital, Grand Rapids</i> Calkins, Esther †Mingane, Mary Frances Nickerson, Susan E. Nieusma, Sadie Wade, Alta	Nursery & Childs Hosp., N. Y. C. 460 W. 147th st., N. Y. C. 161 W. 61st st., N. Y. C. 161 W. 61st st., N. Y. C. 161 W. 61st st., N. Y. C.
New Hampshire	
<i>New Hampshire State Hospital, Concord</i> †Brown, Ada Mae	152 W. 65th st., N. Y. C.
New Jersey	
<i>Bayonne Hospital and Dispensary</i> Scheehorn, Dorothy May	31 Hatfield pl., Port Richmond, N. Y.
<i>Christ Hospital, Jersey City</i> Wardell, Nathalie B.	871 New York av., Brooklyn, N. Y.
<i>Englewood Hospital</i> Richter, Louise E. Zabel, Elna	984 Madison st., Brooklyn, N. Y. New City, N. Y.
<i>General Hospital, Elizabeth</i> †Skidmore, Ida J. Zeinz, Josephine	228 W. 35th st., N. Y. C. 71 Ridgewood av., Brooklyn, N. Y.
<i>Hackensack Hospital</i> Peters, Dorothea H.	Hackensack Hosp., Hackensack, N. J.
<i>Memorial Hospital, Orange</i> †Arney, Florence Washington Kain, Louise Morstrom	441 N. Marengo av., Pasadena, Cal. 152 N. Miller st., Newburgh, N. Y.
<i>Monmouth Memorial Hospital, Long Branch</i> Lateer, Pearl Belva	346 Central av., Orange, N. J.
<i>Mountainside Hospital, Montclair</i> †Lippincott, May T. Anderson, Jean Carter Mc Gregor Bendig, Emma L. Craven, Julia McD. Curtin, Mary Louise Dean Dunlop, Jeannette Vreeland French, Mabel Louise Hanmore, Florence Rose Livingston, Jean Lux, Eva May Roberts, Chrissie E. Tabor, Jean Elizabeth	11 E. 57th st., N. Y. C. Mountainside Hosp., Montclair, N. J. 97 Grove st., Montclair, N. J. Mattituck, N. Y. Montclair, N. J. Mountainside Hosp., Montclair, N. J. 69 Walnut st., Montclair, N. J. 214 Targee st., Stapleton, N. Y. Minesing, Ont. 404 N. Sprague st., Ellensburg, Wash. Box 95, Haworth, N. J. Mountainside Hosp., Montclair, N. J.
<i>Newark City Hospital</i> Fream, Daisy Phyllis Harrison, Pearl Owens Meier, Lillian C.	Huntington Hosp., Huntington, N. Y. 73 N. Church st., Goshen, N. Y. Saugerties, N. Y.

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<i>St Joseph's Hospital, Paterson</i> Higgins, Marguerite V. Kearns, Lillian A.	380 E. 154th st., N. Y. C. 380 E. 154th st., N. Y. C.
<i>Lakeside Hospital, Cleveland</i> Gorton, Edna Winifred	Ohio General Hosp., Rochester, N. Y.
<i>Hospital of the Protestant Episcopal Church, Philadelphia</i> Peel, Elizabeth	Pennsylvania Brooklyn Hosp., Brooklyn, N. Y.
<i>Wilkes-Barre City Hospital</i> George, Margaret	426 E. 26th st., N. Y. C.
<i>Newport Hospital</i> Holden, Kathleen G.	Rhode Island 161 W. 61st st., N. Y. C.
<i>Rhode Island Hospital, Providence</i> Moffett, Katherine Hortense Smith, Grace Irene	112 Peace st., Providence, R. I. Fort Covington, N. Y.
Group 3	
SCHOOLS IN FOREIGN COUNTRIES	
Canada	
<i>Montreal General Hospital</i> Kennedy, Jennie Saunders	1928 Butterfield av., Utica, N. Y.
<i>Royal Victoria Hospital, Montreal</i> Anderson, Constance	Bank of Montreal, Brockville Ont.
<i>Nichols Hospital, Ontario</i> Burgess, Vera Thorne, Margaret Wilmot	203 Second av., N. Y. C. 3 Grove st., Rosebank, N. Y.
<i>Stratford Hospital, Ontario</i> Warren, Margaret J.	189 Palisade av., Yonkers, N. Y.
<i>Grace Hospital, Toronto</i> †Clark, Isabel Patience	Colonial Inn, Dansville, N. Y.
<i>Hospital for Sick Children, Toronto</i> Mc Neel, Mabel L.	106 Morningside dr., N. Y. C.
<i>Hospital for Incurables, Toronto</i> Davis, Lyda Gladys	Schomberg, Ont.
<i>Toronto General Hospital</i> Keegan, Mary	Hosp. Residence, St John's, N. F.
Denmark	
<i>Frederiksberg Hospital, Copenhagen</i> Petersen, Sigrid Worm	City Hosp., N. Y. C.
<i>Garrison Hospital, Copenhagen</i> Eyber, Hansine	c/o Mrs Squires, 203 W. 87th st., N. Y. C.
England	
<i>The North Riding Infirmary, Middlesbrough</i> Hanselman, Magdalene Louise	349 W. 51st st., N. Y. C.
<i>Kieghly District Hospital, Yorkshire</i> †Denton, Ellen	Leonard Hosp., Troy, N. Y.
Ireland	
<i>Nurses Home and Training School, Belfast</i> †McCulley, Frances M.	951 Bedford av., Brooklyn, N. Y.
Mexico	
<i>American Hospital, Mexico City</i> Angulo, Elena Perkins, Mary E.	3a Rio de la Loza 106, Mexico City, Mexico Lakeside Hosp., Cleveland, Ohio
Russia	
<i>Chersonsky Training School for Nurses</i> Floyd, Elizabeth Langry	3822 White Plains av., N. Y. C.
†Admitted to examination under provision of the Knight law.	

TABLE 10

Public accountants certified after successful examination July 1, 1918-
June 30, 1919

NAME	ADDRESS
*Blanchard, Maurice L.	233 Broadway, N. Y. C.
*Blattner, Benjamin	538 E. 139th st., N. Y. C.
*Blumenstock, Morris	116 Nassau st., N. Y. C.
*Bomer, Charles F.	63 Downing st., Brooklyn, N. Y.
*Brand, Benjamin	606 5th st., N. Y. C.
*Coultaus, Charles B.	153 Macon st., Brooklyn, N. Y.
*Cronin, Harold R.	200 Fifth av., N. Y. C.
Donohue, John A.	23 Wall st., N. Y. C.
*Feldman, Charles K.	485 Rockaway av., Brooklyn, N. Y.
*Ferris, Stephen Duncan	290 W. 12th st., N. Y. C.
*Frost, Raymond Minor	Westfield, N. J.
Galle, Charles Herman	114 Liberty st., N. Y. C.
*Halper, Aaron	501 E. 136th st., N. Y. C.
*Harman, Frank S.	20 Palmetto st., Brooklyn, N. Y.
*Harrington, Frank W.	121 S. Elliott pl., Brooklyn, N. Y.
*Heller, Martin G.	512 W. 47th st., N. Y. C.
*Hoch, Edward H.	50 Sage av., Buffalo, N. Y.
*Hogan, Thomas J.	732 Park av., Weehawken, N. J.
*Jacobs, Isaac William	1160 Jackson av., N. Y. C.
*Jacobson, Hyman I.	907 Whitlock av., N. Y. C.
*Kanin, Samuel J.	769 Willoughby av., Brooklyn, N. Y.
*Krebs, George R.	3983 Carpenter av., N. Y. C.
*Leeder, Ervin W.	229 E. Delevan av., Buffalo, N. Y.
*Leffler, Edwin E.	1758 Anthony av., N. Y. C.
*Levey, Harlan	171 St Nicholas av., N. Y. C.
*Levine, Theodore	2264 Amsterdam av., N. Y. C.
*Mc Intosh, Gould	371 Wadsworth av., N. Y. C.
Mc Mahon, Oliver Robert	41 Park Row, N. Y. C.
*Meinhardt, Harold S.	903 E. 156th st., N. Y. C.
*Miles, Alfred W.	1151 E. 39th st., Brooklyn, N. Y.
*Murray, Howard Ernest	809 Ashland av., Buffalo, N. Y.
*Pottinger, George	339 Massachusetts av., Buffalo, N. Y.
*Price, Charles Nathaniel	620 E. 170th st., N. Y. C.
*Rabbin, Manus M.	665 Georgia av., Brooklyn, N. Y.
*Remer, Clarence Fulton	370 50th st., Brooklyn, N. Y.
Rosenblum, Henry	958 Eastern pkwy., Brooklyn, N. Y.
*Sachs, George M.	1182 Broadway, N. Y. C.
*Sandler, Joseph	944 Union av., N. Y. C.
*Schneider, Solomon	2 Hinsdale st., Brooklyn, N. Y.
*Schulman, Max	572 Amsterdam av., N. Y. C.
*Segal, Louis H.	215 Fourth av., N. Y. C.
*Stabile, Oreste A.	1411 Fifth av., N. Y. C.
*Stover, Arthur W.	301 E. 23d st., Brooklyn, N. Y.
*Tabachnik, Jacob	725 Vermont st., Brooklyn, N. Y.
Tasch, Ulysses S.	965 Hoe av., N. Y. C.
*Taylor, Otto Frank	30 Broad st., N. Y. C.
*Tillison, Robert F.	55 Elmwood av., Bogota, N. J.
*Trostler, Cole	Room 215, 470 E. 161st st., N. Y. C.
*Warshawsky, Israel	33 S. Main st., Port Chester, N. Y.
*Zabelle, Maxwell	908 Kelly st., N. Y. C.

A certificate to practise as a certified public accountant was granted by vote of the Board of Regents May 29, 1919 under chapter 357 of the Laws of 1917 to the following:
Gallien, Brace M. 210 Lancaster st., Albany, N. Y.

TABLE 11

Under the Laws of 1911, chapter 587, four candidates were examined and the following two candidates passed the examination for certified shorthand reporter, July 1, 1918-June 30, 1919

Williams, Eugene James	658 Carroll st., Brooklyn, N. Y.
Blume, Herman	1672 Union st., Brooklyn, N. Y.

* Awaiting the decision of the board.

TABLE 12

Certificates to practise as registered architects have been issued to the following July 1, 1918—June 30, 1919†

NAME	ADDRESS
Ade, Carl C.	344 East av., Rochester, N. Y.
Alexander, George jr.	1681 Union st., Brooklyn, N. Y.
Barratt, Roswell Forman	8 W. 40th st., N. Y. C.
Billie, Edward Fournier	1543 Whitehall Bldg., N. Y. C.
Bogert, Cornelius V. R.	167 Main st., Hackensack, N. J.
Boyle, John P.	552 Dean st., Brooklyn, N. Y.
Brown, George M.	Walton av., White Plains, N. Y.
Burrell, Seymour	350 Broadway, N. Y. C.
Cassidy, Stanley Waring	232 N. Main st., Herkimer, N. Y.
Conable, George Willard	46 W. 24th st., N. Y. C.
Edwards, Robert Cleveland	Woolworth Bldg., N. Y. C.
Gayler, Julius F.	15 E. 40th st., N. Y. C.
Goldstone, Lafayette Anthony	38 W. 32d st., N. Y. C.
Green, Paul E.	110 Franklin st., Buffalo, N. Y.
*Guttenberg, Sigmund A.	Proctor Bldg., Mount Vernon, N. Y.
*Herckes, Charles L.	111 Dwight st., Jersey City, N. J.
Ittnier, William B.	911 Locust st., St Louis, Mo.
Klaber, Eugene Henry	101 Park av., N. Y. C.
Landsman, Samuel	1380 Prospect av., N. Y. C.
Lawrence, Hugh Taylor	1770 Grand Concourse, N. Y. C.
Lehmann, Edward Augustav	40 Cedar st., N. Y. C.
Mc Quade, Walter Patrick	47 W. 34th st., N. Y. C.
Meisinger, Emil J.	394 Graham av., Brooklyn, N. Y.
Meyer, Theodore A.	114 E. 28th st., N. Y. C.
Miller, Arthur B.	47 S. Fullerton av., Montclair, N. J.
Montgomery, Gordon S.	17 Main st. E., Rochester, N. Y.
Nurse, Howard B.	207 Cutler Bldg., Rochester, N. Y.
Peker, Charles G.	32 Waterside st., New Dorp, N. Y.
Pollitt, Alfred Odell	172 Garside st., Newark, N. J.
Ogden, Charles George	61 State st., Albany, N. Y.
Dasmussen, Robert T.	999 Bergen st., Brooklyn, N. Y.
Reh, Isadore	320 Fifth av., N. Y. C.
Richardson, Albert Edward	100 Amity st., Flushing, N. Y.
Ritcher, Abner A.	6th & Court sts., Reading, Pa.
Rouse, William Lawrence	38 W. 32d st., N. Y. C.
Shire, Edward I.	310 W. 80th st., N. Y. C.
Sibley, Ernest	Edgwood lane & Bluff rd., Palisade, N. J.
Signor, Ralph Leslie	28 Brinkerhoff st., Plattsburg, N. Y.
Smith, William Neil	101 Park av., N. Y. C.
Spangenberg, Frank A.	136 Maple av., Hamburg, N. Y.
Stillman, Michael	124 E. 25th st., N. Y. C.
Strobel, John F.	622 E. & B. Bldg., Rochester, N. Y.
Strutz, George F.	312 Cutler Bldg., Rochester, N. Y.
Tearle, Alfred A.	Valuation Dep't, N. Y. Central Railway Co., Cleveland, Ohio
Thompson, George Roger	100 Convent av., N. Y. C.
Thompson, William Stuart	381 Fourth av., N. Y. C.
Trainer, William Murray	57 Macombs pl., N. Y. C.
Vanderbeck, Nelson Kinley	22 Morse pl., Englewood, N. J.
Wells, George Edwin Thomas	242 Bergen av., Jersey City, N. J.
Weckers, Carl H.	2307 Morris av., N. Y. C.
White, Benjamin V.	110 E. 23d st., N. Y. C.
White, J. Russell	130 State st., Albany, N. Y.
Ziokes, Maximilian	3291 Broadway, N. Y. C.

†* Recommended by vote of Board of Regents under chapter 357, Laws of 1917.

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