

UNIVERSITY OF MICHIGAN  
OFFICIAL PUBLICATION

VOL. 50, NO. 9

JULY 29, 1948

---

Report of  
The Registrar of the University  
1946-1947

Reprinted from the President's Report  
for 1946-1947, University of Michigan

ANN ARBOR, MICHIGAN  
PUBLISHED BY THE UNIVERSITY

Entered as second-class matter at the Post  
Office at Ann Arbor, Michigan. Issued semi-  
weekly, by the University of Michigan.

# THE REGISTRAR OF THE UNIVERSITY

*To the President of the University:*

SIR—The year 1946-47 brought a considerable number of difficult admission problems that were different from those of the previous year. These problems were "different and difficult" because of urgent demands for the educational adjustments of the enormous number of service men and women returning to school after discharge from the armed forces, many of whom were not properly trained for college work. The enrollment of service men and women was increased from 7,280 in 1945-46 to 14,486 in 1946-47. Additional comments on enrollments for the year 1946-47 will be found later on in this report under the Statistical Service.

*Personnel.*—Although there has been a decided trend of improvements in the training and experience of our new personnel, nevertheless, we are still having considerable difficulty in securing members of the staff who desire permanency. We have had a great many changes during the year, but the situation is so much better than it was a year ago that we are well pleased at present.

*Entrance examinations.*—University entrance examinations and scholastic aptitude tests were administered during the three regular periods in August, January, and June. In September, February, and March, special examinations were conducted for several young men. Six applicants wrote subject matter examinations in August, and one took three examinations early in September. During the week of January 13, five candidates for admission with unsatisfactory grades in certain subjects took examinations in those courses. That same week, thirty-six applicants with weak preparatory records were given the scholastic aptitude tests. Four examinations were offered for one young man toward the beginning of February. On March 8 a special examination in two units of Polish was conducted for two students attending the College of Architecture and Design who wished to validate the credit in order to satisfy the foreign language entrance requirement. The third regularly scheduled period was used by five for subject matter tests and seven needing aptitude tests. This made a total of twenty to whom examinations in subjects listed under our specific group requirements were administered. Forty-three candidates for entrance whose preparedness for the University we had reason to question took the scholastic aptitude tests.

*Publications.*—Preparation of copy and responsibility for the contents of the *Register of Staff and Graduates*, *Register of Students*, and *University Directory* remain the work of this office. The assistant in charge of this maintains a card file for individual members of the academic staff and a departmental listing of the clerical staff. These files are used also to check

names, titles, and degrees in all of the official publications of the University and *Proceedings* of the Board of Regents.

The registers, covering the period from July 1, 1946, through June 30, 1947, were in print in the fall of 1947. With the co-operation of the department heads and secretaries, it was possible to have the *Directory*, so urgently needed at the opening of the first semester, ready for use the third week of October.

*Honors Convocation.*—Marjorie Hope Nicolson, Professor of English at Columbia University, spoke at the twenty-fourth annual Honors Convocation held in Hill Auditorium on April 25, 1947.

The basis of selection of the honor students was the same as in previous years with one exception. The senior requirement, formerly "at least a B average and rank in the highest 10 per cent of the class," was changed to an "average of at least half A and half B." The students honored were grouped as follows:

	MEN	WOMEN	TOTAL
Seniors			
At least half A and half B . . . . .	113	51	164
Juniors			
At least half A and half B . . . . .	94	41	135
Sophomores			
At least half A and half B . . . . .	82	44	126
Freshmen			
At least half A and half B . . . . .	129	55	184
Graduate students			
Outstanding achievement . . . . .	282	55	337
Special awards . . . . .	79	27	106
	<hr/>	<hr/>	<hr/>
Total citations . . . . .	779	273	1,052
Duplicates* . . . . .	38	12	50
	<hr/>	<hr/>	<hr/>
Total students honored . . . . .	741	261	1,002

\*One man with four entries in the program was counted three times, and one woman with three entries was counted twice.

Arrangements for the exercises, preparation of the program, and issuing of invitations to students and parents were handled in this office.

### ADMISSIONS DIVISION

Much of the time of the staff of the Admissions Division during the past year has been spent on counseling veterans. Most of the veterans from Mich-

igan wishing to enter the University presented themselves at the office, in many cases bringing their papers with them.

Because of the special regulations with regard to the admission of veterans, adopted by the Regents in April, 1945, on the recommendations of the various faculties, a new procedure was followed and a new measure of capacity and preparation was used in determining eligibility for admission. All Michigan veterans whose high-school records did not meet the usual entrance requirements were requested to write certain aptitude and achievement tests given by the Bureau of Psychological Services, unless similar tests had been written for which results were available. If the veteran could show by a satisfactory standing in this series of tests that he had an even chance of doing satisfactory work at the University, if he had completed at least three years of high school, and if he had included in his high-school program those subjects considered essential for his university program, he was granted admission as a special student, with the understanding that after two semesters of satisfactory work he would become a degree candidate. This was definitely an experiment in the admission procedure, and, unfortunately, the admission of veterans will be a thing of the past before a study can be made to determine the validity of the measures used.

On the basis of the test record and the high-school record, a number of veterans were advised to complete additional preparation in specific subjects, and many of them followed this advice. It was found necessary to discourage some veterans from planning to enter the University, and when the educational objective of the veteran did not seem to be sensible, it was suggested to him that he seek further vocational counseling either at the University Bureau of Psychological Services or at a Veterans Administration office. Frequently, several conferences with, or letters to, one veteran were necessary.

Of the 1,979 freshmen who entered the University in September, 1946, with no training beyond high school, 711 were veterans.

With the exception of a few scholarship students, sons and daughters of alumni were the only applicants granted admission through this office, for September, 1946, and for February, 1947, who were not residents of the state of Michigan. This action was necessary because of the return to the University from the armed forces of a large number of students who had been previously enrolled, and because of the large number of veterans from Michigan wishing to enter as new students.

With the summer of 1946, the University returned to its prewar program, discontinuing the summer term of sixteen weeks and scheduling the eight-week summer session. Only 98 new freshmen enrolled in the summer session, which seems to indicate that summer admissions will soon be back to the prewar pattern. In normal times only a very limited number of freshmen begin their university work in the summer session.

*Regents-Alumni scholarships.*—It would be a great help to this office if alumni clubs, high-school principals, and applicants could be persuaded to submit the necessary blanks some time ahead of the deadline date, especially the applications for admission to the University. It is very difficult to handle the work in a manner satisfactory to all concerned when practically all of the scholarship blanks and the applications for admission reach the Registrar's office within a one-week period, particularly as the number of applicants seems to be increasing each year.

*Prognostic rating.*—On the acceptance of each student for admission, based on the information contained in the application blank, and, in the case of the veteran admitted as a special student, on the tests written, a prediction is made of the probable degree of the student's success in the University. With the large number of veterans entering, the prediction of success was somewhat more difficult than with the normal freshman class. In determining the probable success of a veteran there were more than the usual number of unknown factors to be considered.

The various officers interested in personnel work with the freshmen use the prediction, as well as the results, of the scholastic aptitude test and the achievement tests given to all freshmen their first week on the campus. The results of these tests are not used in making the prediction as they are not available when the student is accepted for admission.

In predicting the success of the students at the University, seven ratings have been used, one being the highest group and three being the lowest group. The table which follows gives the results of the predictions for the freshman class which entered in September, 1946, including freshmen in all colleges and divisions who completed the work of the first semester, with the exception of the dental hygienists and nurses, whose programs are not degree programs.

Registrar's Rating Group	Freshmen Completing First Semester*	Per Cent	Per Cent of Grades—First Semester					
			A	B	C	D	E	Incomplete
A1	118	6.3	17.1	8.0	3.2	1.6	...	....
A1 -	129	6.9	18.4	8.5	3.9	1.3	.4	....
A2 +	394	21.1	28.0	26.5	18.9	11.0	9.1	5.5
A2	569	30.5	20.0	31.3	34.5	28.2	26.3	31.5
A2 -	257	13.8	7.1	11.4	15.3	22.2	18.7	11.8
A3 +	202	10.8	4.5	8.2	12.3	17.5	19.5	14.2
A3	195	10.5	4.9	6.1	11.9	18.2	25.9	37.0
Total	1,864	99.9	100.0	100.0	100.0	100.0	99.9	100.0

\*Not including dental hygienists and nurses.

*Honor award.*—The ninth annual honor award was granted as follows:

This is to certify that, among the groups of students entering the University of Michigan in the year 1946, from the high schools of the state of Michigan, the group from Central High School of Detroit by its combined record has received first honors for excellence in scholarship during the first semester of resident study.

In making the above award the records of students entering throughout the calendar year, in February, June, and October, were considered. There were eighty-five students in the Central High School group.

High schools which have previously received the award are as follows:

1938 Lincoln High School, Ferndale- Pleasant Ridge School District	1941 Lansing Central High School
1939 Three Rivers High School	1942 Benton Harbor High School
1940 Grand Rapids Central High School	1943 Ishpeming High School
	1944 Traverse City High School
	1945 Iron River High School

*Number of students per Michigan secondary school.*—Of the 618 accredited high schools in Michigan, 325 were represented by the 1,747 freshmen who entered from Michigan in September, 1946. Schools represented by only 1 student numbered 133, and each of 63 schools was represented by only 2 students. The high schools represented by the largest number of students were as follows: Ann Arbor High School, 96 students; Central High School, Detroit, 67 students; Cass Technical High School, Detroit, 55 students; Redford High School, Detroit, 55 students; and Grösse Pointe High School, 54 students.

*Reports to high-school principals and congratulatory letters to parents.*—

The practice of mailing to principals reports of grades for the first semester of students entering in September has been continued. As the admission of freshmen is rapidly returning to its prewar pattern, with only a small number entering in February and an exceedingly small number entering in June, it is not anticipated that these reports will be extended to February and June entrants. Reports on such students, however, are furnished to high schools on request. The practice of writing congratulatory letters to principals whose high schools were represented by unusually good delegations was continued.

The practice adopted in 1931 of sending commendatory letters to parents of freshmen who had notably good records for the first semester, with a carbon copy of the letter to the high-school principal, was continued. Replies received from these parents show definitely that this is a good practice.

*Principal-freshman conference.*—Approximately 1,400 students who entered the University at the beginning of the first semester of this year called for conferences at the Rackham Building the morning of November 14. The occasion was the eighteenth annual principal-freshman conference; 250 superintendents, principals, and teachers from 133 high schools and deans from six junior colleges interviewed their former students at appointed times.

Five-week progress reports and results of freshman tests taken during Orientation Period, with questionnaires regarding their University preparation and adjustment filled out by the students, formed the basis for the conferences. At noon the out-of-town schoolmen and members of the University faculty whose duties bring them in contact with new students met for luncheon in the Michigan League. Dean Ralph A. Sawyer, recently returned from government service, spoke on "The Atomic Bomb Test at Bikini."

Comments and letters from the principals indicate the value of these conferences to both the high schools and the University. The bulletin prepared by the Lincoln High School of Ferndale following this year's conference sums up well the benefits derived. It showed: (1) distribution of the marks of Lincoln graduates to date; (2) student suggestions for improving efficiency of the high-school program; (3) students' evaluation of high-school training; and (4) adjustment to college program and college life. Letters received from other principals cited specific instances of difficulties of freshmen to be brought to the attention of University officials in charge.

In general, the faculty co-operated in the request to avoid scheduling of blue books the morning of the conference so that students might keep their appointments with their principals. One of the departments and individual instructors in several of the others, however, ignored the request, and there was resultant confusion in rearranging appointments. Some thought is being given to changing the time of the 1947 conference so that it will not coincide with midsemester week.

## RECORDS DIVISION

This division of the Registrar's Office kept the complete academic records for the Extension Service (including Correspondence Study) and for six intramural schools, namely, the College of Literature, Science, and the Arts, the College of Architecture and Design, the School of Music, the School of Forestry and Conservation, the School of Public Health, and the School of Education.

The keeping of the records for these schools did not consist merely of the accurate recording of elections and grades, but also included a complete examination of each student's entire record for repetition, sequence, and the completion of provisional courses. Requirements in the three basic groups of subjects were checked and the progress toward completions posted on all the records of the students in the College of Literature, Science, and the Arts and in the School of Education. This study was undertaken during the second semester for the previous semester and summer session. The records were so coded that at grade posting time, for the second semester, the records could be posted promptly and completely and brought up to date with regard to these groups for the guidance of the students in selecting their work for the next year.



Immediately after registration, permanent records were opened for new students, and their admission certificates and advanced standing, if any, posted. After records for all students enrolled were placed in the current files, a complete check was made to see that each student had properly registered and had filed an election card with this office. After this check, the elections for each student were posted to the permanent record. The elections posted for the first and second semesters exceeded 36,000 and 41,000 respectively (Extension and Correspondence Study elections not included).

Following the receipt of grades for the second semester, two blueprints were made of each student's permanent record. One copy was mailed to the student, together with the bulletin *Directions for Registration and Classification*. These blueprints will be used by the students and their counselors in planning the elections for the coming year. The other copy was sent to the office of the school or college in which the student was registered.

Whenever changes are made on the record a new blueprint is sent to the school concerned. In this manner, the units are promptly and fully informed of the progress of the students. Blueprints are also made for special projects, such as the records of all the women students for use in the Dean of Women's office, all "A" records for the deans of the schools concerned, and records of those students majoring in a particular field. Blueprints are made especially for the concentration advisers in the various fields in the College of Literature, Science, and the Arts. Thus the volume of work in printing these records is very large at times, but the Blueprint Room has complied with our requests with commendable speed.

The distance between this office and the Blueprint Room is especially inconvenient during inclement weather because of the care necessary to keep the original records from becoming damaged by water. The danger of ruining a large number of original records by accident on the circuit is always present.

The Bruning process of contact printing gives a record which can be written upon and easily read, being dark printing on a light background. The machine which both exposes and develops is compact and easily serviced, and the installation of a unit within the office would result in quicker service and greater safety for the records.

A small Dietzgen hand-operated printer has been installed in the office for the immediate servicing of other campus offices having need of the student's academic record. This service is designed to keep the original records in this office, thereby lessening the possibility of loss or damage. The operation of this device, however, is much too expensive and time-consuming for production prints.

After the posting of the degree earned, an official blueprint transcript was prepared and sent with the diploma to every graduate of the six schools whose records are centralized in this office. This was a free service to the student, which served him promptly and saved the transcript department a load of well over a thousand requests for the coming year.

The great increase in the number of students made it necessary to add another member to the staff of nonsenior recorders and to divide the records into six divisions. Each of these six recorders had charge of over eleven hundred records. This is far too heavy a load to ensure complete accuracy. The records of the year 1945-46 compared with the total number of records kept in 1946-47 indicate an increase of 37 per cent. This is an even greater increase than that of 1945-46 over 1944-45.

The following table presents a comparison of the number of records kept in this office during the two-year period, 1945-47:

COMPARISON OF RECORDS KEPT IN THE REGISTRAR'S OFFICE  
1945-46—1946-47

Date	Records	Date	Records	Increase	Percentage Increase
Summer, 1945	2,443	Summer, 1946	3,368	925	37
Fall, 1945	5,958	Fall, 1946	9,029	3,071	52
Spring, 1946	7,274	Spring, 1947	9,037	1,763	24
	<u>15,675</u>		<u>21,434</u>	<u>5,759</u>	37

Because of the increasing demands upon this office to supply information and records, an assistant was added to the staff to act as librarian, to have general charge of the records and the vaults, and to assist in keeping English Language Institute records, and Extension and Correspondence Study records.

*Registration.*—Registration for all the students in the University was held for each semester and the summer session in Barbour and Waterman gymnasiums. Students were admitted by an alphabetical schedule and were processed at the rate of 1,000 an hour. The registration period was extended from two and one-half to three and one-half days because of the great increase in enrollment. The average time spent by students in registering was less than ten minutes. The registration process consisted of a check of the registration blank and the election card, residence check for Michigan and non-Michigan fees, fee assessment, taking of the identification picture for the first semester and its verification the second semester, check of the resi-

dence address for every woman student, a Health Service approval verification, Veterans Administration certification check, and payment of fees.

*Classification.*—All the students in the six schools mentioned, and those in the Graduate School also, classified by electing their courses and turning in their class cards and election cards in Waterman Gymnasium immediately following their registration. Department representatives from these schools were on duty throughout the registration days to assist the students in arranging their programs of studies and in the selection of sections within the approved courses. More than 500 students were able to complete their classification each hour. The efficient handling of this number of students is largely due to the system whereby the departments handle the placement of students in the proper sections and the opening and closing of sections within the department. In this way the sections (and teacher loads) are kept evenly balanced, and new sections are quickly arranged for by the department.

*Degree programs.*—Students in the College of Literature, Science, and the Arts are admitted to the field of concentration of their choosing as soon as they have passed sixty semester hours or more with an average grade of at least C for all work elected. Also, they must satisfy the requirement of proficiency in English composition. This division of the records was made immediately following the receipt of grades for each period of residence. The review of the records necessary at this time required a very careful inspection of the elections in order to certify that the students had completed all requirements and therefore were ready to enter a field of concentration. Such a division of the record actually signifies graduation from the first program and admission to the last half of the degree work. When a student has passed twenty-four hours or more on this second program, he is classed as a senior.

The following table gives the number of students in the College of Literature, Science, and the Arts concentrating in the various fields in the second semester of the year 1946-47 and the number of graduates by the fields of concentration from July 1, 1946, to June 30, 1947:

STUDENTS CONCENTRATING IN THE VARIOUS FIELDS IN THE COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS, SECOND SEMESTER 1946-47. GRADUATES BY FIELDS FROM JULY 1, 1946, THROUGH JUNE 30, 1947

Field of Concentration	Number of Concentrates				Number of Graduates	
	Juniors	Seniors	Total	Change from previous year	Men	Women
American Culture.....	..	..	..	..	..	..
Anthropology.....	8	8	16	4	..	4
Astronomy.....	2	..	2	2	..	..
Botany.....	4	6	10	1	2	4
Chemistry.....	56	116	172	79	41	34
Economics.....	72	104	176	82	72	33
English.....	96	168	264	88	36	110
Fine Arts.....	6	7	13	6	..	4
French.....	11	18	29	- 4	2	20
Geography.....	20	32	52	12	11	16
Geology.....	12	36	48	25	23	11
German.....	7	4	11	- 3	5	6
Greek.....	1	..	1	1	..	..
History.....	62	101	163	67	69	44
Journalism.....	34	43	77	46	15	18
Latin.....	3	..	3	- 3	2	1
Latin-American Studies.....	..	2	2	- 1	..	..
Letters and Bus. Admin.....	5	4	9	5	3	..
Letters and Dentistry.....	..	1	1	1	1	..
Letters and Forestry.....	..	..	..	..	..	..
Letters and Law.....	37	29	66	51	24	3
Letters and Medicine.....	3	14	17	8	21	3
Letters and Nursing.....	..	..	..	- 2	..	1
Library Science.....	..	42	42	1	19	28
Mathematics.....	19	45	64	36	30	15
Medical Technology.....	2	2	4	- 6	..	4
Mineralogy.....	1	1	2	1	..	1
Music.....	3	7	10	5	1	4
Old Plan.....	..	4	4	2	2	3
Oriental Civilizations.....	1	3	4	..	3	2
Oriental Lang. and Lit.....	1	10	11	6	30	..
Philosophy.....	4	11	15	7	4	2
Physics.....	11	20	31	17	18	4
Political Science.....	60	119	179	66	71	35
Psychology.....	65	85	150	57	26	53
Religion and Ethics.....	1	1	2	2	..	..
Russian Lang. and Lit.....	3	6	9	4	2	4
Science and Mathematics.....	10	37	47	27	26	8
Social Studies.....	8	12	20	4	..	13

Field of Concentration	Number of Concentrates				Number of Graduates	
	Juniors	Seniors	Total	Change from previous year	Men	Women
Social Work .....	22	31	53	5	2	28
Sociology .....	22	59	81	- 11	10	53
Spanish .....	38	57	95	30	8	46
Speech .....	57	87	144	43	24	51
Urban and Rural Com'ty ..	..	1	1	1	2	..
Zoology .....	94	121	215	92	58	42
Honors in Liberal Arts....	5	3	8	8	..	..
Not formally admitted to a field .....	375	82	457	217	..	..
Field waived .....	..	60	60	60	105	2
Totals .....	1,241	1,599	2,840	1,139	768	707

The transcript department processed the blueprints for the six schools whose records are centralized in this office and also for both the class and correspondence students in the Extension Service. The Department was able to give excellent service because of the fine co-operation of the blueprint, Bruning, and photostat services of the University. Transcripts are processed within twenty-four hours after the application has been received. Difficulties were encountered, however, in thousands of cases where requests were received in this office from students who were not enrolled in the centralized units, from students who had been enrolled in both a centralized unit and in a school or college of the University whose records were not kept by this office, and in cases where the requests were received by other transcript offices for students who had been enrolled in one of the co-operating schools. Requests were promptly forwarded to the school or college concerned if the required record was not found in the files and vaults in this office. Inasmuch as this office does not have a master file of all students in the University, however, it has been necessary to telephone to the Alumni Catalog Office daily to determine which of the noncentralized schools or colleges were attended by former students. This service has been of invaluable assistance to this department. The best of assistance was given by other transcript offices, but such difficulties are inherent in a noncentralized transcript arrangement. Under the existing system, a former student, if he is not careful to state all the schools attended, may not receive a complete record or he may receive a number of transcripts of various sizes and descriptions through the mail under separate

cover and at different times in response to one request. In fact, some offices still find it necessary to make out each transcript by hand.

In order to serve the University, its students, and graduates efficiently and satisfactorily with regard to official transcripts of academic records, a central bureau of records is imperative.

*Scholarship survey.*—Early in the second semester the staff of this division scrutinized the records of all the students in the six schools and colleges in order to discover those students qualified to be included on the Registrar's honors list. To be included, the student's record had to show a scholarship average halfway between A and B for all credit earned on this campus, a prescribed minimum of hours taken on campus, and a certain number of hours completed in the last unit attended. This list was used as the Honors Convocation roster and by the various honor societies to aid them in the selection of the students to be invited to membership.

*Manual of procedure.*—Because of the large number of regulations regarding the record keeping for the various schools and colleges, graduation requirements, and discipline, a manual of procedure was prepared. This manual has resulted in the standardization of procedures and has greatly aided in the training of new assistants. Representatives of other institutions have requested copies of this manual to compare the system used in this office with their own.

*Surveys of enrollment intentions.*—A survey to determine the trend of enrollment for the summer session was undertaken in May, 1947. The results obtained were used by the deans in making forecasts which later proved to be very accurate. A second survey was made possible by including a questionnaire requesting an indication of intentions with regard to registration for the first semester of 1947-48 with the grades which were mailed shortly after the close of the second semester. Reports have been furnished to all schools concerned.

*Senior checking.*—All records of students of senior standing in four units serviced by this office, namely, the College of Literature, Science, and the Arts and the Schools of Education, Music, and Public Health were carefully checked by three members of the staff, according to the graduation requirements of these units. Deficiencies noted were brought to the attention of the students in personal interviews, making it possible for them to rearrange their programs in time to complete all requirements for graduation. A tentative list of possible candidates was prepared for all centralized units and distributed during the sixth week of each semester for announcement to the student body. After the recording of grades at the close of the semester, all records were checked for completion of requirements, those eligible for

graduation with distinction were so noted, departmental honors were posted, and the final list prepared for the several deans, to be forwarded to the Board of Regents for the granting of degrees.

The large number of students having no field of concentration is due to the fact that many students who become eligible to apply for admission to candidacy for a degree at the end of each semester do not elect a field of concentration until late in the following period of residence.

*Transcripts.*—Requests for transcripts continued to increase because of postwar changes in occupation and transfer of students within the University and to other colleges and universities. The number of transcripts issued and the amount of fees received each month for the year beginning July 1, 1946, and ending June 30, 1947, follow:

Month	Transcripts	Amount Received	Month	Transcripts	Amount Received
July . . . . .	2,107	\$172.50	January . . .	1,821*	\$211.00
August . . . .	4,104	177.50	February . .	7,816*	269.00
September . .	1,434	158.50	March . . . .	1,593	223.00
October . . . .	1,327	182.00	April . . . .	1,291	202.00
November . .	1,059	168.50	May . . . . .	1,098	186.00
December . .	983	193.50	June . . . . .	12,937†	187.00

\*Includes blueprints for small schools and two departments.

†Includes blueprints for students and small schools.

Total number of transcripts . . . . . 37,570  
 Total amount received . . . . . \$2,330.50

## STATISTICAL SERVICE

### ENROLLMENT

1946-47.—A record was established at the University of Michigan in 1946-47, when 30,278 students enrolled in credit or professional programs. Of these, 25,366 students were registered for resident credit or professional programs, representing a gain of 18 per cent over the corresponding 1945-46 registration. In extramural credit or professional programs, 5,300 students were enrolled, representing an increase of 25 per cent over the registrations in the same group the preceding year. In noncredit extramural courses, 10,359 individuals were enrolled, indicating a decrease of 35 per cent from the 1945-46 figure for registrations of the same type. After deducting for duplicate registrations (388) in both resident and extramural programs, the total number of students served by the University during 1946-47 is 40,637.

For the most part, analysts seem to be agreed that the unusual increases in enrollment were brought about largely because (1) men between seventeen and twenty-five years of age who would have been in college during war years had been forced to delay their education, thus creating a backlog of college youth, (2) the G.I. Bill furnished the opportunity for all qualified veterans to attend, adding to the backlog many students who, under normal conditions, would have terminated their educational experience upon completion of high school, (3) the emphasis placed upon education by the armed forces sharpened the desire for increased training at advanced educational levels, and (4) the expanded national income made it possible for larger numbers to attend college.

*1946 fall enrollment.*—A record enrollment of 19,176 resident students in degree and postgraduate professional programs was reached in the fall of 1946. Comparison with the highest prewar registration shows a gain of 58 per cent over the 1939 fall enrollment. All college enrollment in the United States gained approximately 53 per cent during this same period. Of the University of Michigan resident students in degree and postgraduate professional programs, 59 per cent were veterans, compared with a figure of 57 per cent reported by Raymond Walters for full-time enrollments in 668 selected institutions.

Of the fall registrants; 13,838 (72 per cent) were men and 10,994 (79 per cent) of the men were veterans; 5,338 (28 per cent) of the fall enrollees were women and 311 (6 per cent) of the women were veterans. Ten units of the University each enrolled more students for the fall of 1946 than they had in any previous semester in their history.

*1947 spring enrollment.*—A new University of Michigan record for a single semester was established, with 19,232 students enrolled for degree and postgraduate professional programs in the spring. For the second time in the history of the University, the spring registration exceeded that for the fall. The only other spring semester in which this increase in number has been evident is the spring of 1946, when the enrollment increased more than 22 per cent over the fall figure. In normal years, a spring enrollment smaller than the fall registration by several hundred students is expected.

Of the students registered for spring 1947, 11,482 (60 per cent) were veterans. For this same period, 14,100 (73 per cent) of the registrants were men and 11,159 (79 per cent) of the men were veterans. Women made up the remaining 5,132 (27 per cent) and 323 (6 per cent) were veterans.

Seven units of the University had higher enrollments for the spring than they had for the fall of 1946, and six of the units enrolled more students than during any previous semester.



*Geographical distribution.*—Michigan residents constituted 20,777 (68.6 per cent) of the 30,278 students enrolled in credit and professional programs during the year 1946-47. There were 11.9 per cent registered from states other than Michigan in the North Central region of the United States, 9.8 per cent were from the North Atlantic area, 2.9 per cent from outside continental United States, 2.7 per cent from the South Atlantic area, 2.2 per cent from the South Central states, and 1.9 per cent from the western area.

During the year 1946-47, 877 students registered from outside continental United States. Of that number, 155 students registered from Canada, 104 from China, 94 from India, 86 from United States territories and island possessions, 48 from Colombia, 40 from Brazil, 38 from Turkey, and 30 from Mexico. Forty-seven other countries were represented by smaller numbers of students.

*Admission of freshmen without previous college training.*—Michigan residents made up 87 per cent of the 2,407 freshmen without previous college training admitted during 1946-47. This contrasts with 67 per cent Michigan residents in 1945-46. Because of the limitation of university facilities, admissions were restricted to Michigan veterans, Michigan nonveterans, sons and daughters of Michigan alumni, and a very few freshmen from outside Michigan who were scholarship recipients.

With the discontinuance of the sixteen-week summer term, the number of freshmen admitted for summer study showed a sharp decline, although the number of veteran freshmen increased to more than seven times the number enrolled in the summer of 1945.

Almost four times as many freshman veterans were admitted in the fall of 1946 as had been enrolled in the fall of 1945. Over two times as many non-veteran freshman men were granted admission in the fall of 1946 as there were in the fall of 1945, whereas the number of nonveteran freshman women decreased 33 per cent from the number for the preceding fall. The total new freshman enrollment in the fall of 1946 showed a 33 per cent increase over the fall before. Of the new freshmen admitted in the fall, 65 per cent were men, compared with 31 per cent in the fall of 1945.

By spring, 1947, the limitation of university facilities made it necessary to refuse many qualified applicants, with the result that the number of freshmen admitted for the 1947 spring semester equaled only 54 per cent of the admissions for the spring of 1946. Of the spring 1947 admissions, 55 per cent were veterans and 83 per cent were men.

The following tables show the enrollment of freshmen according to college, veteran status, Michigan or non-Michigan residence, and sex, with a comparison of total freshman admissions for the past two years.

**TABLE I**  
**FRESHMEN WITHOUT PREVIOUS COLLEGE TRAINING GROUPED BY COLLEGE,**  
**VETERAN STATUS, RESIDENCE, AND SEX**  
 1946 Summer Admissions

College	Veteran Status	Michigan			Non-Michigan			Total		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
		Arch. and Design...	Vet.....	3	..	3	..	..	..	3
	Nonvet..	..	..	..	1	..	1	1	..	1
	Total .	3	..	3	1	..	1	4	..	4
Education.....	Vet.....	..	..	..	1	..	1	1	..	1
	Nonvet..	..	..	..	..	..	..	..	..	..
	Total .	..	..	..	1	..	1	1	..	1
Engineering.....	Vet.....	22	..	22	4	..	4	26	..	26
	Nonvet..	6	..	6	..	..	..	6	..	6
	Total .	28	..	28	4	..	4	32	..	32
Forestry and Cons...	Vet.....	1	..	1	..	..	..	1	..	1
	Nonvet..	1	..	1	..	..	..	1	..	1
	Total .	2	..	2	..	..	..	2	..	2
Lit., Sci., and Arts..	Vet.....	30	2	32	2	..	2	32	2	34
	Nonvet..	17	5	22	2	..	2	19	5	24
	Total .	47	7	54	4	..	4	51	7	58
Pharmacy.....	Vet.....	1	..	1	..	..	..	1	..	1
	Nonvet..	..	..	..	..	..	..	..	..	..
	Total .	1	..	1	..	..	..	1	..	1
Total Summer Fresh.	Vet.....	57	2	59	7	..	7	64	2	66
	Nonvet..	24	5	29	3	..	3	27	5	32
	Total .	81	7	88	10	..	10	91	7	98

**TABLE II**  
**1946 FALL FRESHMEN**

College	Veteran Status	Michigan			Non-Michigan			Total		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Arch. & Design	Vet. . . .	35	3	38	2	..	2	37	3	40
	Nonvet..	17	25	42	2	2	4	19	27	46
	Total .	52	28	80	4	2	6	56	30	86
Dental Hygiene	Vet. . . .	...	...	...	..	..	..	...	...	...
	Nonvet..	...	12	12	..	2	2	...	14	14
	Total .	...	12	12	..	2	2	...	14	14
Education . . . .	Vet. . . .	3	..	3	1	..	1	4	..	4
	Nonvet..	3	6	9	2	3	5	5	9	14
	Total .	6	6	12	3	3	6	9	9	18
Engineering . . . .	Vet. . . .	255	..	255	38	..	38	293	..	293
	Nonvet..	182	5	187	31	..	31	213	5	218
	Total .	437	5	442	69	..	69	506	5	511
For. and Conser.	Vet. . . .	10	..	10	1	..	1	11	..	11
	Nonvet..	4	..	4	2	..	2	6	..	6
	Total .	14	..	14	3	..	3	17	..	17
Lit., Sci., & Arts	Vet. . . .	294	10	304	35	1	36	329	11	340
	Nonvet..	289	473	762	39	59	98	328	532	860
	Total .	583	483	1,066	74	60	134	657	543	1,200
Music . . . . .	Vet. . . .	9	1	10	1	..	1	10	1	11
	Nonvet..	7	37	44	..	4	4	7	41	48
	Total .	16	38	54	1	4	5	17	42	59
Nursing . . . . .	Vet. . . .	...	1	1	..	..	..	...	1	1
	Nonvet..	...	35	35	..	6	6	...	41	41
	Total .	...	36	36	..	6	6	...	42	42
Pharmacy . . . . .	Vet. . . .	10	..	10	1	..	1	11	..	11
	Nonvet..	9	12	21	..	..	..	9	12	21
	Total .	19	12	31	1	..	1	20	12	32
Total . . . . .	Vet. . . .	616	15	631	79	1	80	695	16	711
	Nonvet..	511	605	1,116	76	76	152	587	681	1,268
	Total .	1,127	620	1,747	155	77	232	1,282	697	1,979

TABLE III  
1947 SPRING FRESHMEN

College	Veteran Status	Michigan			Non-Michigan			Total		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
		Arch. and Design...	Vet.....	12	..	12	5	..	5	17
	Nonvet..	3	2	5	1	..	1	4	2	6
	Total..	15	2	17	6	..	6	21	2	23
Education.....	Vet.....	3	..	3	1	..	1	4	..	4
	Nonvet..	..	..	..	1	..	1	1	..	1
	Total..	3	..	3	2	..	2	5	..	5
Engineering.....	Vet.....	59	..	59	15	..	15	74	..	74
	Nonvet..	22	..	22	4	..	4	26	..	26
	Total..	81	..	81	19	..	19	100	..	100
Forestry and Cons...	Vet.....	2	..	2	..	..	..	2	..	2
	Nonvet..	..	..	..	..	..	..	..	..	..
	Total..	2	..	2	..	..	..	2	..	2
Lit., Sci., and Arts...	Vet.....	62	1	63	13	1	14	75	2	77
	Nonvet..	45	38	83	17	14	31	62	52	114
	Total..	107	39	146	30	15	45	137	54	191
Music.....	Vet.....	3	..	3	..	..	..	3	..	3
	Nonvet..	..	..	..	..	..	..	..	..	..
	Total..	3	..	3	..	..	..	3	..	3
Pharmacy.....	Vet.....	4	..	4	..	..	..	4	..	4
	Nonvet..	1	1	2	..	..	..	1	1	2
	Total..	5	1	6	..	..	..	5	1	6
Total.....	Vet.....	145	1	146	34	1	35	179	2	181
	Nonvet..	71	41	112	23	14	37	94	55	149
	Total..	216	42	258	57	15	72	273	57	330

NOTE.—In Tables I, II, and III, total refunds have been excluded.

TABLE IV

FRESHMEN WITHOUT PREVIOUS COLLEGE EXPERIENCE GROUPED BY  
VETERAN STATUS AND SEX

Veteran Status	Sex	Summer 1945	Fall 1945	Spring 1946	Summer 1946	Fall 1946	Spring 1947
Veteran	Men . . .	8	182	458	64	695	179
	Women . .	1	5	13	2	16	2
	Total . . .	9	187	471	66	711	181
Non-veteran	Men . . .	281	281	83	27	587	94
	Women . .	38	1,024	53	5	681	55
	Total . . .	319	1,305	136	32	1,268	149
Total	Men . . .	289	463	541	91	1,282	273
	Women . .	39	1,029	66	7	697	57
	Total . . .	328	1,492	607	98	1,979	330

#### ACADEMIC SUCCESS IN THE UNDERGRADUATE SCHOOLS

Grade point averages were higher for men and women students in the undergraduate schools during 1946-47 than they were at any time during the past nine years. Women earned a grade-point average of 2.62. Although this was high for the nine-year period, it was only .05 grade point above the lowest average for that time. Men earned an average of 2.54, which was .06 grade point above their lowest for the period.

Nonveteran women earned an average of 2.62, compared with 2.51 achieved by the relatively few veteran women. Nonveteran men, approximately one-fifth the size of the veteran group, earned a grade-point average of 2.58, compared with the veteran average of 2.53. It will be observed that, although the differences between the scholastic achievement of these groups is small, women did just a little better than men and, among the men, the nonveterans earned a slightly higher average than the veterans.

*Student groups.*—The residents of Martha Cook Building with a grade-point average of 2.91 or almost B grade achieved the greatest academic success of any of the groups in the upperclass residence halls. Men living in Adams House, with 2.61, had the highest average for the freshman residence hall groups.

Students in general fraternities, as a group, earned an average of 2.47, which was slightly lower than the figure of 2.54 for all men. Independent men, with 2.56 were .02 grade point higher than the all-men average. The leading fraternity in scholastic achievement was Sigma Alpha Mu, with an average of 2.75.

Members of general sororities earned an average of 2.63 or .01 grade point higher than the average of 2.62 earned by all women. Independent women earned 2.61. The sorority showing the greatest academic success was Gamma Phi Beta, with an average of 2.75.

Independent women honored for outstanding scholarship during 1946-47 were: freshmen, Jean Potter Faint, 3.90 and Marjorie Ryan, 3.88; sophomores, Norma Sondra Levy, 3.91 and Wilma Ruth Kaemlein, 3.91; juniors, Doris Phyllis Silep, 4.00, and Nancy Lavinia MacKaye, 3.86.

The following table shows the academic success of the various undergraduate student groups during the past two years:

**TABLE V**  
**ACADEMIC SUCCESS OF UNDERGRADUATE STUDENTS**

Student Group	Grade-Point Average		Change
	1945-46	1946-47	
Upperclass women's residence halls.	2.67	2.68	.01
General sororities . . . . .	2.65	2.63	-.02
Women's co-operative housing . . . .	2.58	2.63	.05
All women . . . . .	2.60	2.62	.02
Independent women . . . . .	2.59	2.61	.02
Freshman men's residence halls . . . .	2.50	2.57	.07
Independent men . . . . .	2.51	2.56	.05
All men and women . . . . .	2.54	2.56	.02
All men . . . . .	2.49	2.54	.05
Upperclass men's residence halls . . . .	2.49	2.54	.05
Women's supplementary housing . . . .	2.48	2.51	.03
Freshman men . . . . .	2.38	2.49	.11
General fraternities . . . . .	2.43	2.47	.04
All freshmen . . . . .	2.45	2.46	.01
Freshman women's residence halls . . .	2.52	2.42	-.10
Freshman women . . . . .	2.50	2.42	-.08

All of the above averages are well over the 2.0 required for graduation. It should be observed that the range from the top to the bottom of the group represents only .26 grade point, for the year 1946-47 and only .29 grade point for 1945-46. Comparisons are presented to show that there has been little change, rather than as an indication that differences are highly significant.

*Academic success of freshmen.*—Grade-point averages earned by freshmen admitted without any previous college experience are shown in the following table. Where the freshmen were in residence for both the fall of 1946 and the spring of 1947, averages are based upon grades earned during both semesters. All averages are computed upon the scale A-4 points, B-3, C-2, D-1, E-0, and incompletes are disregarded:

TABLE VI  
ACADEMIC SUCCESS OF FRESHMEN

	Men				Women				Total			
	Veteran		Nonveteran		Veteran		Nonveteran		Veteran		Nonveteran	
	No.	Grade Ave.	No.	Grade Ave.	No.	Grade Ave.	No.	Grade Ave.	No.	Grade Ave.	No.	Grade Ave.
1946 Fall Freshman Admissions												
<i>Fall completed; spring completed</i> . . . . .	623	2.47	531	2.57	14	2.59	596	2.46	637	2.47	1,127	2.51
<i>a) No change of unit between fall and spring</i> . . . . .	603	2.46	515	2.56	14	2.59	577	2.46	617	2.47	1,092	2.51
<i>b) Change of unit between fall and spring</i> . . . . .	20	2.69	16	2.77	..	..	19	2.44	20	2.69	35	2.59
<i>Fall completed; spring not completed</i> . . . . .	42	1.76	40	1.37	1	2.00	73	1.33	43	1.76	113	1.34
<i>a) Withdrew during spring without change of unit</i> . . . . .	13	2.25	6	1.64	..	..	17	1.19	13	2.25	23	1.31
<i>b) Withdrew after entering another unit in spring</i> . . . . .	1	2.44	..	..	..	..	..	..	1	2.44	..	..
<i>c) Withdrew after first semester</i> . . . . .	28	1.50	34	1.32	1	2.00	56	1.36	29	1.52	90	1.35
<i>Fall not completed; spring completed</i> . . . . .	5	2.15	..	..	..	..	..	..	5	2.15	..	..
<i>a) Withdrew during fall; re-entered same unit in spring</i> . . . . .	3	2.32	..	..	..	..	..	..	3	2.32	..	..
<i>b) Withdrew during fall; re-entered another unit in spring</i> . . . . .	2	1.89	..	..	..	..	..	..	2	1.89	..	..
<i>Fall not completed; not enrolled in spring</i> . . . . .	25	..	16	..	1	..	12	..	26	..	28	..
Total . . . . .	695		587		16		681		711		1,268	
1947 Spring Freshman Admissions												
<i>Not enrolled in fall; completed in spring</i> . . . . .	169	2.45	94	2.59	2	2.03	51	2.57	171	2.45	145	2.58
<i>Not enrolled in fall; withdrew during spring</i> . . . . .	10	..	..	..	..	..	4	..	10	..	4	..
Total . . . . .	179		94		2		55		181		149	



The proportions of freshmen registered in the fall of 1946 who completed both the first and second semesters are shown below:

FRESHMEN	VETERANS	NONVETERANS
Men .....	89.6 per cent	90.5 per cent
Women .....	87.5	87.5
Total .....	89.6	88.9
All freshmen .....		
	89.1	

On the whole, new freshmen who completed both the 1946 fall and the 1947 spring semester maintained an average halfway between B and C. Veteran men, who completed the entire year, earned a slightly lower average than nonveteran men. The relatively few veteran women earned, on the whole, an average slightly higher than that for the nonveteran women. In general, the group of freshmen who completed only one semester out of the two were not satisfactory students, although veterans who withdrew during the fall semester but entered and completed the spring semester did work above the standard required for graduation.

#### DEGREES CONFERRED

*1946-47.*—With 4,557 degrees in course granted during 1946-47, a new record was established, well above the previous high of 3,386 degrees granted during 1940-41. Men students received 3,170 degrees and surpassed their previous record of 2,425, made in 1939-40, by 31 per cent. Women students were awarded 1,387 degrees and showed a gain of 16 per cent over their previous record of 1,193 made in 1945-46. Eight of the fourteen units of the University each granted two or more times as many degrees during 1946-47 as they did the preceding year.

This large increase in the number of degrees granted to men is a reflection of the return of the many veterans who, prior to the war, had completed the greater portion of their degree programs.

A table showing the degrees granted during 1946-47 is given on pages 269-71.

*Enrollment report basis.*—The usual procedures were followed in preparing the enrollment tables appearing on pages 232-68 of this report. Only those students who remained past the total refund period of one week in the summer session or two weeks in either semester have been included. Post-graduate registrants who remained less than four weeks in the summer or eight weeks during either semester have been included in the statistics for "short course" enrollment. Extension figures in Tables X and XI represent individuals enrolled in credit courses. Although extension students do not enroll in the schools and colleges, they have been grouped according to the University teaching units from which instructors offering the courses have been drawn. Students registered in correspondence extension, prior to July 1, 1946, actively enrolled during 1946-47, have been included. Veterans are those enrollees who indicated upon their registration cards that they served in any branch of the armed forces during the second world war. Geographical distributions are made according to the home address given by the student on his registration card. The year includes the 1946 summer session, the 1946 fall semester, and the 1947 spring semester.

**TABLE VII**  
**CLASS ENROLLMENT, FALL, 1946**  
**Undergraduate Schools and Colleges**

University Unit	Fresh.	Soph.	Junior	Senior	Spec.	Grad.	Total
Architecture and Design . . .	204	168	146	63	6	...	587
Business Administration . . .	...	...	341	237	30	280	888
Education . . . . .	42	72	63	118	9	...	304
Engineering . . . . .	1,101	996	718	787	65	...	3,667
Forestry and Conservation . .	45	49	38	102	9	9	252
Lit., Sci., and Arts . . . . .	2,201	2,611	940	1,266	234	...	7,252
Music . . . . .	115	104	46	90	28	51	434
Nursing . . . . .	68	69	26	120	...	...	283
Pharmacy . . . . .	47	52	28	17	1	...	145
<b>Total . . . . .</b>	<b>3,823</b>	<b>4,121</b>	<b>2,346</b>	<b>2,800</b>	<b>382</b>	<b>340</b>	<b>13,812</b>

Approximately three-fourths of the fall registrants were undergraduate students and 58 per cent of the undergraduate students were in the freshman and sophomore classes.

TABLE VIII  
ENROLLMENT SUMMARY

University Group	Veteran			Nonveteran			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
I. Resident students in credit programs									
A. Degree and postgraduate professional programs.....	13,252	417	13,669	4,097	7,092	11,189	17,349	7,509	24,858
B. Shorter postgraduate programs									
1. Dentistry.....	61	.....	61	77	9	86	138	9	147
2. Medicine.....	152	.....	152	204	11	215	356	11	367
3. Hospital Training.....	.....	.....	.....	.....	4	4	.....	4	4
Net total.....	13,456	417	13,873	4,377	7,116	11,493	17,833	7,533	25,366
II. Extramural students in credit and professional programs									
A. Extension									
1. Class.....	593	52	645	641	1,798	2,439	1,234	1,850	3,084
2. Correspondence.....	194	10	204	607	224	831	801	234	1,035
B. Postgraduate professional									
1. Medicine.....	335	.....	335	816	30	846	1,151	30	1,181
Net total.....	1,122	62	1,184	2,064	2,052	4,116	3,186	2,114	5,300
Net total credit and professional programs.....	14,374	472	14,846	6,396	9,036	15,432	20,770	9,508	30,278
III. Extramural students in noncredit programs									
A. Extension									
1. Class.....	948	50	998	4,136	4,389	8,525	5,084	4,439	9,523
2. Correspondence.....	49	3	52	465	319	784	514	322	836
Net total noncredit programs....	997	53	1,050	4,601	4,708	9,309	5,598	4,761	10,359
Grand total enrollment.....	15,371	525	15,896	10,997	13,744	24,741	26,368	14,269	40,637

TABLE IX  
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS\*

1 University Unit	2 Student Group	3 1946 Summer Session			4 First Semester			5 Second Semester		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Literature, Science, and the Arts.....	Vet. ....	1,320	54	1,374	3,359	134	3,493	3,406	136	3,542
	Nonvet..	241	617	858	872	2,887	3,759	927	2,725	3,652
	Army...	38	.....	38	.....	.....	.....	.....	.....	.....
	Total .	1,599	671	2,270	4,231	3,021	7,252	4,333	2,861	7,194
Engineering.....	Vet. ....	1,105	.....	1,105	3,061	.....	3,061	3,008	.....	3,008
	Nonvet..	162	3	165	579	27	606	551	26	577
	Total .	1,267	3	1,270	3,640	27	3,667	3,559	26	3,585
Medicine:										
M. D. candidates.....	Vet. ....	241	.....	241	334	1	335	221	1	222
	Nonvet..	63	33	96	102	64	166	72	56	128
Anesthetists.....	Vet. ....	.....	5	5	.....	4	4	.....	5	5
	Nonvet..	.....	4	4	.....	4	4	.....	5	5
Postgraduate:										
Graduate.....	Vet. ....	144	.....	144	157	.....	157	151	.....	151
	Nonvet..	15	2	17	19	2	21	20	1	21
Postgraduate.....	Vet. ....	24	1	25	81	.....	81	111	.....	111
	Nonvet..	13	.....	13	52	2	54	85	2	87
Total.....	Vet. ....	409	6	415	572	5	577	483	6	489
	Nonvet..	91	39	130	173	72	245	177	64	241
	Total .	500	45	545	745	77	822	660	70	730

Law.....	Vet.....	555	1	556	857	2	859	825	2	827
	Nonvet..	48	6	54	80	17	97	67	17	84
	Total .	603	7	610	937	19	956	892	19	911
Pharmacy.....	Vet.....	53	1	54	89	1	90	100	1	101
	Nonvet..	6	8	14	22	33	55	24	33	57
	Total .	59	9	68	111	34	145	124	34	158
Dentistry D. D. S. candidates.....	Vet.....	39	.....	39	139	.....	139	134	.....	134
	Nonvet..	13	1	14	49	8	57	47	6	53
Hygienists.....	Vet.....	.....	.....	.....	.....	4	4	.....	4	4
	Nonvet..	.....	.....	.....	.....	46	46	.....	45	45
Postgraduate.....	Vet.....	.....	.....	.....	43	.....	43	40	.....	40
	Nonvet..	.....	.....	.....	33	1	34	33	1	34
Total.....	Vet.....	39	.....	39	182	4	186	174	4	178
	Nonvet..	13	1	14	82	55	137	80	52	132
	Total .	52	1	53	264	59	323	254	56	310
Architecture and Design.....	Vet.....	113	5	118	344	17	361	376	16	392
	Nonvet..	13	27	40	62	164	226	66	159	225
	Total .	126	32	158	406	181	587	442	175	617
Education.....	Vet.....	52	.....	52	117	5	122	132	7	139
	Nonvet..	3	69	72	14	168	182	17	168	185
	Total .	55	69	124	131	173	304	149	175	324

TABLE IX (Cont.)  
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS\*

1 University Unit	2 Student Group	3 1946 Summer Session			4 First Semester			5 Second Semester		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Business Administration.....	Vet.....	348	3	351	765	8	773	841	10	851
	Nonvet..	12	11	23	53	62	115	75	61	136
	Total .	360	14	374	818	70	888	916	71	987
Forestry and Conservation...	Vet.....	110	.....	110	220	.....	220	238	.....	238
	Nonvet..	13	.....	13	31	1	32	33	1	34
	Total .	123	.....	123	251	1	252	271	1	272
Nursing.....	Vet.....	.....	.....	.....	.....	1	1	.....	1	1
	Nonvet..	.....	293	293	.....	282	282	.....	233	233
	Total .	.....	293	293	.....	283	283	.....	234	234
Music.....	Vet.....	179	4	183	151	5	156	163	5	168
	Nonvet..	81	277	358	35	243	278	36	221	257
	Total .	260	281	541	186	248	434	199	226	425
Public Health.....	Vet....	1	38	39	29	79	108	28	84	112
	Nonvet..	9	104	113	34	58	92	32	61	93
	Total .	10	142	152	63	137	200	60	145	205

Graduate.....	Vet.....	934	33	967	1,328	50	1,378	1,482	51	1,533
	Nonvet..	818	1,188	2,006	830	916	1,746	878	948	1,826
	Army....	2	.....	2	.....	.....	.....	.....	.....	.....
	Total .	1,754	1,221	2,975	2,158	966	3,124	2,360	999	3,359
Hospital Training.....	Vet.....	.....	1	1	.....	.....	.....	.....	.....	.....
	Nonvet..	.....	40	40	.....	60	60	.....	60	60
	Total .	.....	41	41	.....	60	60	.....	60	60
Gross total.....	Vet.....	5,218	146	5,364	11,074	311	11,385	11,256	323	11,579
	Nonvet..	1,510	2,683	4,193	2,867	5,045	7,912	2,963	4,829	7,792
	Army....	40	.....	40	.....	.....	.....	.....	.....	.....
	Total .	6,768	2,829	9,597	13,941	5,356	19,297	14,219	5,152	19,371
Duplicates between units....	Vet.....	20	.....	20	80	.....	80	97	.....	97
	Nonvet..	4	5	9	23	18	41	22	20	42
	Total .	24	5	29	103	18	121	119	20	139
Net Total.....	Vet.....	5,198	146	5,344	10,994	311	11,305	11,159	323	11,482
	Nonvet..	1,506	2,678	4,184	2,844	5,027	7,871	2,941	4,809	7,750
	Army....	40	.....	40	.....	.....	.....	.....	.....	.....
	Total .	6,744	2,824	9,568	13,838	5,338	19,176	14,100	5,132	19,232

\*Part I-A of the enrollment summary, Table VIII, indicates 24,858 students. This is the sum of columns 3, 4, 5, excluding duplicates.

**TABLE X**  
**EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS\***

1 University Unit	2 Student Group	3 Extension Class and Correspondence			4 Extension Correspondence Only		
		Men	Women	Total	Men	Women	Total
Credit Extension Literature, Science, and the Arts.....	Vet.....	470	45	515	183	10	193
	Nonvet..	930	1,286	2,216	566	221	787
	Total	1,400	1,331	2,731	749	231	980
Engineering.....	Vet.....	48	1	49	10	.....	10
	Nonvet..	44	3	47	15	2	17
	Total	92	4	96	25	2	27
Architecture and Design.....	Vet.....	1	.....	1	.....	.....	.....
	Nonvet..	1	12	13	.....	.....	.....
	Total	2	12	14	.....	.....	.....
Education.....	Vet.....	14	3	17	1	.....	1
	Nonvet..	64	323	387	.....	2	2
	Total	78	326	404	1	2	3
Business Administration.....	Vet.....	261	5	266	13	.....	13
	Nonvet..	116	82	198	25	4	29
	Total	377	87	464	38	4	42
Forestry and Conservation.....	Vet.....	11	.....	11	4	.....	4
	Nonvet..	10	2	12	7	.....	7
	Total	21	2	23	11	.....	11



	Nonvet..	28	97	125	.....	.....	.....
	Total .	34	102	136	.....	.....	.....
Public Health.....	Vet. ....	3	3	6	.....	.....	.....
	Nonvet..	13	122	135	1	.....	1
	Total .	16	125	141	1	.....	1
Graduate.....	Vet. ....	29	1	30	.....	.....	.....
	Nonvet..	66	158	224	2	.....	2
	Total .	95	159	254	2	.....	2
Gross total.....	Vet. ....	843	63	906	211	10	221
	Nonvet..	1,272	2,085	3,357	616	229	845
	Total .	2,115	2,148	4,263	827	239	1,066
33 Duplicates between units.....	Vet. ....	56	1	57	17	.....	17
	Nonvet..	24	63	87	9	5	14
	Total .	80	64	144	26	5	31
Net total credit extension.....	Vet. ....	787	62	849	194	10	204
	Nonvet..	1,248	2,022	3,270	607	224	831
	Total .	2,035	2,084	4,119	801	234	1,035
Net total extramural postgraduate medicine.....	Vet. ....	335	.....	335			
	Nonvet..	816	30	846			
	Total .	1,151	30	1,181			
Net total credit extension and extramural postgraduate medical students.....	Vet. ....	1,122	62	1,184			
	Nonvet..	2,064	2,052	4,116			
	Total .	3,186	2,114	5,300			

\*Part II of the enrollment summary, Table VIII, is the total of column 3.

**TABLE XI**  
**RESIDENT AND EXTRAMURAL ENROLLMENT\***

1 University Unit	2 Student Group	3 Resident Students in Degree or Postgraduate Professional Programs						4 Resident and Extension Students in Credit or Professional Programs		
		First and Second Semesters			1946-1947			1946-1947		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Literature, Science, and the Arts.....	Vet. ....	3,903	163	4,066	4,157	179	4,336	4,550	221	4,771
	Nonvet..	1,070	3,085	4,155	1,205	3,358	4,563	2,120	4,602	6,722
	Army ...	.....	.....	.....	38	.....	38	38	.....	38
	<b>Total .</b>	<b>4,973</b>	<b>3,248</b>	<b>8,221</b>	<b>5,400</b>	<b>3,537</b>	<b>8,937</b>	<b>6,708</b>	<b>4,823</b>	<b>11,531</b>
Engineering.....	Vet. ....	3,489	.....	3,489	3,613	.....	3,613	3,660	1	3,661
	Nonvet..	650	31	681	699	33	732	742	36	778
	<b>Total .</b>	<b>4,139</b>	<b>31</b>	<b>4,170</b>	<b>4,312</b>	<b>33</b>	<b>4,345</b>	<b>4,402</b>	<b>37</b>	<b>4,439</b>
Medicine:										
M. D. candidates.....	Vet. ....	335	1	336	378	1	379	378	1	379
	Nonvet..	103	65	168	118	70	188	118	70	188
Anesthetists.....	Vet. ....	.....	5	5	.....	6	6	.....	6	6
	Nonvet..	.....	6	6	.....	8	8	.....	8	8

34

Postgraduate										
Graduate.....	Vet.....	187	.....	187	203	.....	203	203	.....	203
	Nonvet..	22	3	25	22	3	25	22	3	25
Postgraduate.....	Vet.....	120	.....	120	136	1	137	136	1	137
	Nonvet..	92	2	94	97	2	99	97	2	99
Net total.....	Vet.....	623	6	629	698	8	706	698	8	706
	Nonvet..	216	76	292	236	83	319	236	83	319
	Total .	839	82	921	934	91	1,025	934	91	1,025
Law.....	Vet.....	865	2	867	961	2	963	961	2	963
	Nonvet..	80	17	97	97	20	117	97	20	117
	Total .	945	19	964	1,058	22	1,080	1,058	22	1,080
Pharmacy.....	Vet.....	109	1	110	116	2	118	116	2	118
	Nonvet..	26	41	67	28	43	71	28	43	71
	Total .	135	42	177	144	45	189	144	45	189
Dentistry:										
D. D. S. candidates.....	Vet.....	142	.....	142	145	.....	145	145	.....	145
	Nonvet..	51	8	59	55	8	63	55	8	63
Hygienists.....	Vet.....	.....	4	4	.....	4	4	.....	4	4
	Nonvet..	.....	47	47	.....	47	47	.....	47	47
Postgraduate.....	Vet.....	61	.....	61	61	.....	61	61	.....	61
	Nonvet..	44	1	45	44	1	45	44	1	45
Net total.....	Vet.....	203	4	207	206	4	210	206	4	210
	Nonvet..	94	56	150	98	56	154	98	56	154
	Total .	297	60	357	304	60	364	304	60	364
Architecture and Design....	Vet.....	415	20	435	427	21	448	428	21	449
	Nonvet..	74	180	254	78	189	267	79	201	280
	Total .	489	200	689	505	210	715	507	222	729

TABLE XI (Cont.)  
RESIDENT AND EXTRAMURAL ENROLLMENT\*

1 University Unit	2 Student Group	3 Resident Students in Degree or Postgraduate Professional Programs						4 Resident and Extension Students in Credit or Professional Programs		
		First and Second Semesters			1946-1947			1946-1947		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Education .....	Vet.....	151	8	159	159	8	167	173	11	184
	Nonvet..	20	201	221	23	241	264	87	563	650
	Total .	171	209	380	182	249	431	260	574	834
36 Business Administration.....	Vet.....	974	10	984	1,025	11	1,036	1,278	16	1,294
	Nonvet..	87	70	157	91	74	165	206	156	362
	Total .	1,061	80	1,141	1,116	85	1,201	1,484	172	1,656
Forestry and Conservation...	Vet.....	256	.....	256	272	.....	272	282	.....	282
	Nonvet..	34	1	35	38	1	39	48	3	51
	Total .	290	1	291	310	1	311	330	3	333
Nursing.....	Vet.....	.....	1	1	.....	1	1	.....	1	1
	Nonvet..	.....	290	290	.....	371	371	.....	371	371
	Total .	.....	291	291	.....	372	372	.....	372	372
Music.....	Vet.....	174	7	181	259	10	269	265	15	280
	Nonvet..	41	260	301	114	477	591	142	573	715
	Total .	215	267	482	373	487	860	407	588	995

Public Health.....	Vet.....	36	102	138	37	113	150	40	116	156
	Nonvet..	36	80	116	44	168	212	57	289	346
	Total .	72	182	254	81	281	362	97	405	502
Graduate.....	Vet.....	1,673	63	1,736	2,026	79	2,105	2,049	80	2,129
	Nonvet..	1,059	1,242	2,301	1,471	2,058	3,529	1,525	2,184	3,709
	Army . . .	.....	.....	.....	2	.....	2	2	.....	2
Total .	2,732	1,305	4,037	3,499	2,137	5,636	3,576	2,264	5,840	
Hospital Training.....	Vet.....	.....	.....	.....	.....	1	1	.....	1	1
	Nonvet..	.....	65	65	.....	79	79	.....	79	79
	Total .	.....	65	65	.....	80	80	.....	80	80
Gross total.....	Vet.....	12,871	387	13,258	13,956	439	14,395	14,706	499	15,205
	Nonvet..	3,487	5,695	9,182	4,222	7,251	11,473	5,465	9,259	14,724
	Army . . .	.....	.....	.....	40	.....	40	40	.....	40
Total .	16,358	6,082	22,440	18,218	7,690	25,908	20,211	9,758	29,969	
Duplicates between units....	Vet.....	495	14	509	704	22	726	845	27	872
	Nonvet..	110	109	219	164	159	323	203	277	480
	Army & Nonvet.	.....	.....	.....	1	.....	1	1	.....	1
Total .	605	123	728	869	181	1,050	1,049	304	1,353	
Net total.....	Vet.....	12,376	373	12,749	13,252	417	13,669	13,861	472	14,333
	Nonvet..	3,377	5,586	8,963	4,058	7,092	11,150	5,262	8,982	14,244
	Army . . .	.....	.....	.....	40	.....	40	40	.....	40
Net total	15,753	5,959	21,712	17,349	7,509	24,858	19,162	9,454	28,616	

\*Part I-A of the enrollment summary, Table VIII, is the total of the second section of column 3.

Parts I-A and II-A of the enrollment summary, Table VIII, after allowance has been made for double registrations, are the total of column 4.

TABLE XII  
SINGLE TERM ENROLLMENT  
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS\*

1 University Unit	2 Student Group	3 1946 Summer Session Only			4 First Semester Only			5 Second Semester Only		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Literature, Science, and the Arts.....	Vet.....	254	16	270	320	23	343	536	29	565
	Nonvet..	135	273	408	119	305	424	198	188	386
	Army...	38	.....	38	.....	.....	.....	.....	.....	.....
	Total..	427	289	716	439	328	767	734	217	951
Engineering.....	Vet.....	124	.....	124	340	.....	340	421	.....	421
	Nonvet..	49	2	51	72	5	77	68	4	72
	Total..	173	2	175	412	5	417	489	4	493
Medicine: M. D. candidates.....	Vet.....	43	.....	43	2	.....	2	1	.....	1
	Nonvet..	15	5	20	4	3	7	.....	1	1
Anesthetists.....	Vet.....	.....	1	1	.....	.....	.....	.....	1	1
	Nonvet..	.....	2	2	.....	.....	.....	.....	2	2
Postgraduate: Graduate.....	Vet.....	16	.....	16	6	.....	6	29	.....	29
	Nonvet..	.....	.....	.....	1	.....	1	3	1	4

Postgraduate.....	Vet.....	16	1	17	3	.....	3	39	.....	39
	Nonvet..	5	.....	5	4	.....	4	40	.....	40
Net total.....	Vet.....	75	2	77	11	.....	11	69	1	70
	Nonvet..	20	7	27	9	3	12	43	4	47
	Total .	95	9	104	20	3	23	112	5	117
Law.....	Vet.....	96	.....	96	16	.....	16	7	.....	7
	Nonvet..	17	3	20	7	.....	7	.....	.....	.....
	Total .	113	3	116	23	.....	23	7	.....	7
Pharmacy.....	Vet.....	7	1	8	6	.....	6	20	.....	20
	Nonvet..	2	2	4	1	8	9	4	8	12
	Total .	9	3	12	7	8	15	24	8	32
Dentistry: D. D. S. candidates.....	Vet.....	3	.....	3	8	.....	8	3	.....	3
	Nonvet..	4	.....	4	4	2	6	2	.....	2
Hygienists.....	Vet.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet..	.....	.....	.....	.....	2	2	.....	1	1
Postgraduates.....	Vet.....	.....	.....	.....	21	.....	21	18	.....	18
	Nonvet..	.....	.....	.....	11	.....	11	11	.....	11
Net total.....	Vet.....	3	.....	3	29	.....	29	21	.....	21
	Nonvet..	4	.....	4	15	4	19	13	1	14
	Total .	7	.....	7	44	4	48	34	1	35
Architecture and Design.....	Vet.....	12	1	13	35	3	38	70	3	73
	Nonvet..	4	9	13	7	19	26	12	16	28
	Total .	16	10	26	42	22	64	82	19	101

TABLE XII (Cont.)  
 SINGLE TERM ENROLLMENT  
 RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS\*

1 University Unit	2 Student Group	3 1946 Summer Session Only			4 First Semester Only			5 Second Semester Only		
		Men	Women	Total	Men	Women	Total	Men	Women	Total
Education .....	Vet.....	8	.....	8	13	1	14	34	3	37
	Nonvet..	3	40	43	3	27	30	6	30	36
	Total .	11	40	51	16	28	44	40	33	73
Business Administration .....	Vet.....	51	1	52	78	.....	78	206	2	208
	Nonvet..	4	4	8	11	8	19	34	8	42
	Total .	55	5	60	89	8	97	240	10	250
Forestry and Conservation...	Vet.....	16	.....	16	11	.....	11	36	.....	36
	Nonvet..	4	.....	4	1	.....	1	3	.....	3
	Total .	20	.....	20	12	.....	12	39	.....	39
Nursing .....	Vet.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet..	.....	81	81	.....	17	17	.....	7	7
	Total .	.....	81	81	.....	17	17	.....	7	7
Music .....	Vet.....	85	3	88	3	2	5	23	2	25
	Nonvet..	73	217	290	3	26	29	6	15	21
	Total .	158	220	378	6	28	34	29	17	46

40



Public Health.....	Vet.....	1	11	12	8	10	18	7	23	30
	Nonvet..	8	88	96	4	15	19	2	21	23
	Total .	9	99	108	12	25	37	9	44	53
Graduate.....	Vet.....	353	16	369	103	7	110	331	12	343
	Nonvet..	412	816	1,228	85	191	276	204	273	477
	Army... 2	.....	.....	2	.....	.....	.....	.....	.....	.....
Total .	767	832	1,599	188	198	386	535	285	820	
Hospital Training.....	Vet.....	.....	1	1	.....	.....	.....	.....	5	5
	Nonvet..	.....	14	14	.....	4	4	.....	.....	.....
	Total .	.....	15	15	.....	4	4	.....	5	5
Gross total.....	Vet.....	1,085	52	1,137	973	46	1,019	1,781	75	1,856
	Nonvet..	735	1,556	2,291	337	632	969	593	580	1,173
	Army... 40	.....	.....	40	.....	.....	.....	.....	.....	.....
Total .	1,860	1,608	3,468	1,310	678	1,988	2,374	655	3,029	
Duplicates between units.....	Vet.....	209	8	217	278	13	291	440	14	454
	Nonvet..	54	49	103	68	88	156	90	92	182
	Total .	264	57	321	346	101	447	530	106	636
Net total.....	Vet.....	876	44	920	695	33	728	1,341	61	1,402
	Nonvet..	681	1,507	2,188	269	544	813	503	488	991
	Army... 40	.....	.....	40	.....	.....	.....	.....	.....	.....
Net total	1,596	1,551	3,147	964	577	1,541	1,844	549	2,393	

\*Enrollment figures in Table XII are included in Part I-A of the summary, Table VIII.

TABLE XIII  
ENROLLMENT OF MICHIGAN AND NON-MICHIGAN STUDENTS

University Group	Michigan		Non-Michigan		Total Students
	Students	Per Cent	Students	Per Cent	
Resident and extramural students in credit and postgraduate professional programs.....	20,777	68.6	9,501	31.4	30,278
Resident students in degree and postgraduate professional programs:					
a) Net total first and second semesters.....	14,585	67.2	7,127	32.8	21,712
b) 1946 Summer Session.....	5,802	60.6	3,766	39.4	9,568
Extramural students in credit extension programs.....	3,562	86.5	557	13.5	4,119
Extramural students in postgraduate medicine and resident students in short postgraduate programs in medicine, dentistry, or hospital training.....	1,393	82.0	306	18.0	1,699
Resident and Extramural Students in Credit and Postgraduate Professional Programs			Percentage		Students
Michigan.....			68.62		20,777
Other states.....			28.48		8,624
Latin America.....			1.10		333
Far East.....			0.86		261
Alaska and Canada.....			0.52		156
Near East.....			0.18		53
British Isles and Europe.....			0.14		43
Africa.....			0.09		28
Australia.....			0.01		3
Total.....			100.00		30,278

TABLE XIV  
RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS  
1946-47

1  Residence (United States)	2 Resident Enrollment in First and Second Semesters															3 1946 Summer Session	4 Credit Extension	5 Extramural Short P.G. in Med., Dent., and Hospital Training	6 Net Total Students in Credit or Prof. Programs	
	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health	Graduate	Hospital Training					Net Total First and Second Semesters
<i>North Atlantic</i> 11.31 per cent*	1,018	562	76	87	16	34	66	34	166	36	8	43	31	376	4	2,456	970	164	52	2,962
Connecticut....	63	18	1	5	2	1	5	2	12	1	..	4	1	14	1	128	45	5	..	148
Maine.....	5	3	1	3	..	1	..	1	..	..	..	1	..	6	..	21	4	1	..	22
Massachusetts..	85	46	8	6	..	1	4	5	26	4	..	..	5	48	1	230	84	6	5	262
N. Hampshire..	7	1	..	4	..	..	2	..	..	1	..	1	1	4	..	21	12	2	..	29
New Jersey....	128	75	8	10	1	2	8	4	8	5	1	7	3	40	..	285	92	11	4	326
New York.....	575	352	40	36	7	27	36	18	100	16	4	15	10	192	1	1,364	497	121	21	1,621
Pennsylvania...	143	62	17	22	6	2	11	3	19	8	2	15	9	67	1	379	221	11	21	512
Rhode Island...	8	3	1	..	..	..	..	..	..	..	1	..	1	4	..	17	10	7	..	27
Vermont.....	4	2	..	1	..	..	..	1	1	1	..	1	1	1	..	11	5	..	1	15
<i>South Atlantic</i> 2.09 per cent*	132	64	23	27	..	6	17	7	21	16	4	22	12	113	2	453	381	85	41	803
Delaware.....	..	1	..	1	..	..	..	..	1	..	..	..	..	2	..	5	2	1	..	7
District of Col.	22	13	2	3	..	..	1	2	3	1	..	1	..	10	..	56	30	10	2	85

TABLE XIV (Cont.)

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS  
1946-47

1  Residence (United States)	2  Resident Enrollment in First and Second Semesters														3  1946 Summer Session	4  Credit Extension	5  Extramural Med. and Short P. G. in Med., Dent., or Hospital Training	6  Net Total Students in Credit or Prof. Programs		
	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health	Graduate					Hospital Training	Net Total First and Second Semesters
Florida.....	39	11	1	2	..	5	5	1	7	2	2	5	..	10	..	86	66	25	3	150
Georgia.....	3	3	7	1	..	..	2	..	1	1	..	1	3	9	1	32	33	8	7	65
Maryland.....	21	11	3	3	..	..	4	2	3	..	1	3	2	17	..	70	20	11	4	88
North Carolina	8	..	5	2	..	..	2	..	1	1	..	6	2	8	1	36	70	7	2	99
South Carolina	1	1	1	5	..	..	..	..	..	1	..	1	..	8	..	18	31	3	1	46
Virginia.....	19	11	..	3	..	..	2	1	5	3	..	2	3	31	..	75	71	16	4	141
West Virginia	19	13	4	7	..	1	1	1	7	3	1	3	2	18	..	75	58	4	18	122
North Central..	6,780	3,349	713	784	153	294	565	326	914	216	275	382	146	3,067	52	17,453	7,255	3,645	1,514	24,390
80.38 per cent*																				
Illinois.....	306	148	15	69	2	2	25	16	62	39	9	17	17	84	4	787	347	29	15	956
Indiana.....	119	35	9	36	1	..	12	7	26	11	9	20	11	51	..	336	177	6	10	420
Iowa.....	19	7	3	13	1	..	1	1	12	1	1	4	3	17	1	81	71	3	5	124
Kansas.....	9	11	1	16	..	1	..	..	2	..	..	8	3	17	1	68	64	3	..	108
Michigan.....	5,831	2,849	577	483	143	281	483	271	704	109	233	294	77	2,681	39	14,585	5,802	3,562	1,393	20,777

Minnesota.....	15	10	12	7	..	..	4	2	4	1	1	2	..	19	..	74	49	2	3	99
Missouri.....	40	29	5	19	1	..	2	..	14	5	2	4	7	23	1	150	89	6	6	199
Nebraska.....	11	5	9	22	..	..	1	..	5	..	..	6	4	10	1	72	54	1	4	92
North Dakota..	6	1	..	4	..	..	..	..	..	..	1	1	..	6	2	21	15	1	2	33
Ohio.....	375	217	78	102	5	10	24	24	67	23	17	23	14	129	2	1,074	503	24	66	1,338
South Dakota..	7	4	1	3	..	..	2	..	1	..	..	..	1	4	..	23	13	1	1	27
Wisconsin.....	42	33	3	10	..	..	11	5	17	27	2	3	9	26	1	182	71	7	9	217
South Central..	71	37	31	28	4	1	9	2	19	9	1	26	23	113	4	366	369	53	32	681
<i>1.69 per cent*</i>																				
Alabama.....	11	2	1	1	..	..	..	..	4	..	..	..	2	12	..	33	36	4	6	69
Arkansas.....	3	2	2	..	1	1	..	..	1	1	..	2	1	5	..	17	18	3	1	29
Kentucky.....	15	6	3	7	1	..	5	..	2	2	..	3	7	12	..	61	35	5	3	86
Louisiana.....	3	..	..	2	..	..	1	..	..	..	..	2	2	12	..	22	32	8	1	58
Mississippi....	6	1	..	1	..	..	..	..	2	..	..	6	1	7	..	22	20	5	..	39
Oklahoma.....	11	7	2	7	1	..	..	..	1	2	..	5	2	19	2	58	54	5	1	97
Tennessee.....	10	9	4	3	1	..	3	2	4	3	1	5	4	12	..	60	55	9	7	106
Texas.....	12	10	19	7	..	..	..	..	5	1	..	3	4	34	2	93	119	14	13	197
Western.....	65	49	37	30	1	6	20	3	9	4	2	7	17	90	3	334	189	150	14	565
<i>1.54 per cent*</i>																				
Arizona.....	4	2	1	1	..	..	..	..	..	..	..	..	..	1	..	9	10	4	..	20
California.....	20	28	8	8	..	..	6	..	4	1	..	4	3	37	..	113	69	120	5	267
Colorado.....	8	2	2	6	1	..	1	..	1	..	..	1	2	9	1	34	19	6	6	55
Idaho.....	5	2	3	1	..	1	..	..	1	1	2	..	2	1	1	20	9	1	..	23
Montana.....	8	2	4	3	..	1	5	..	..	..	..	..	1	7	..	31	15	2	..	38
Nevada.....	..	..	..	..	..	1	1	..	..	..	..	..	..	2	..	4	2	..	..	5
New Mexico....	1	2	1	1	..	..	1	..	..	..	..	1	1	5	..	12	11	1	1	20
Oregon.....	5	3	3	..	..	..	2	1	1	..	..	..	..	11	1	26	14	1	1	33
Utah.....	2	3	5	3	..	2	4	..	..	..	..	..	3	2	..	24	13	2	..	29
Washington....	8	3	9	5	..	..	2	2	2	1	..	..	4	9	..	43	19	13	1	55
Wyoming.....	4	2	1	2	..	1	..	..	..	1	..	1	1	6	..	18	8	..	..	20
Total, U. S..	8,066	4,061	880	956	174	341	677	372	1,129	281	290	480	229	3,759	65	21,062	9,164	4,097	1,653	29,401

TABLE XIV (Cont.)

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS  
1946-47

1 Residence (Countries, Provinces, Etc.)	2 Resident Enrollment in First and Second Semesters													3 1946 Summer Session	4 Credit Extension	5 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	6 Net Total Students in Credit or Prof. Programs			
	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health					Graduate	Hospital Training	Net Total First and Second Semesters
<i>Africa</i> .....	..	3	..	..	..	6	1	..	..	1	..	..	..	15	..	25	15	..	..	28
<i>.12 per cent*</i>																				
Egypt.....	..	1	..	..	..	..	1	..	..	..	..	..	..	14	..	15	7	..	..	15
Liberia.....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1
Morocco.....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1
South Africa...	..	1	..	..	..	6	..	..	..	..	..	..	..	1	..	8	7	..	..	11
<i>Australia and New Zealand</i>	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	1	3
<i>.01 per cent*</i>																				
Australia.....	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	1	3
Canada.....	19	14	7	..	..	5	2	5	2	..	1	..	..	37	..	90	37	20	32	155
<i>.41 per cent*</i>																				
Alberta.....	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	5	2	..	3	8
British Columb.	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	3	..	..	..	3
Manitoba.....	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	2	2	..	..	4

New Brunswick	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	3
Nova Scotia	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	..	1	3
Ontario	18	11	6	..	..	2	1	4	..	..	1	..	..	..	22	..	64	26	20	20	112
Quebec	..	..	..	..	..	1	1	..	2	..	..	..	..	..	4	..	7	4	..	6	14
Saskatchewan	1	3	..	..	..	1	..	..	..	..	..	..	..	..	1	..	6	2	..	..	8
<i>British Isles, Iceland, Europe, and U.S.S.R.</i>	9	2	5	..	..	1	..	..	3	1	..	..	..	..	15	..	35	10	..	4	43
<i>.16 per cent*</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1
Belgium	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	2
Denmark	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	..	2	4
England	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	..	2	4
France	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	1
Greece	2	1	4	..	..	..	..	..	..	..	..	..	..	..	1	..	7	1	..	..	7
Hungary	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1
Iceland	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2
Italy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	2
Norway	2	..	..	..	..	..	..	1	..	..	..	..	..	..	4	..	7	4	..	1	9
Poland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1
Portugal	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Russia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1
Spain	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	4	..	..	..	4
Sweden	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2	..	..	1	3
Yugoslavia	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	3
<i>Far East</i>	6	39	6	..	1	..	2	..	1	1	..	..	3	126	..	176	109	..	1	206	
<i>.81 per cent*</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
China	2	7	5	..	..	..	1	..	..	..	..	2	66	..	80	58	..	..	1	104	
Chosen	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2
India	1	32	..	..	1	..	1	1	1	..	1	58	90	49	..	..	..	..	..	..	94
Japan	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1
Korea	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..	3
Malay	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
Thailand	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1

TABLE XIV (Cont.)

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS  
1946-47

1 Residence (Countries, Provinces, Etc.)	2 Resident Enrollment in First and Second Semesters														3 1946 Summer Session	4 Credit Extension	5 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	6 Net Total Students in Credit or Prof. Programs		
	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health	Graduate					Hospital Training	Net Total First and Second Semesters
<i>Latin America</i> .94 per cent*	102	25	14	2	..	3	5	2	2	6	..	1	22	33	..	205	152	..	5	303
Argentina.....	2	1	1	1	..	1	..	1	..	1	..	..	..	3	..	10	7	..	3	15
Bolivia.....	2	1	..	..	..	..	..	..	..	..	..	1	2	1	..	7	3	..	..	8
Brazil.....	8	6	2	1	..	..	..	..	..	..	..	..	5	5	..	25	27	..	..	40
Canal Zone.....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	2
Chile.....	4	..	1	..	..	..	..	..	1	..	..	..	..	2	..	7	5	..	..	10
Colombia.....	23	1	2	..	..	1	2	..	1	1	..	..	1	5	..	35	17	..	1	48
Costa Rica.....	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	..	4
Cuba.....	3	6	1	..	..	..	..	..	1	..	..	..	..	4	..	14	15	..	..	22
Dominican Rep.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	..	..	6
Ecuador.....	4	..	..	..	..	..	1	..	..	1	..	..	..	..	..	6	3	..	..	9
Guatemala.....	4	5	..	..	..	..	..	..	..	..	..	..	1	1	..	10	4	..	..	12
Honduras.....	2	1	..	..	..	..	..	..	..	..	..	..	1	1	..	5	1	..	..	6



Mexico.....	11	..	1	..	..	..	..	..	..	..	..	..	..	3	..	15	18	..	..	30
Nicaragua.....	1	2	..	..	..	..	..	..	..	..	..	..	..	1	..	4	7	..	..	10
Panama.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	4	..	..	4
Paraguay.....	3	..	1	..	..	..	..	..	..	..	..	..	..	1	..	4	1	..	..	4
Peru.....	7	..	..	..	..	1	..	..	1	..	..	..	..	1	..	10	13	..	..	21
Salvador.....	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	5	..	..	13
Uruguay.....	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	3	5	..	..	5
Venezuela.....	14	..	2	..	..	1	..	..	..	..	..	..	..	7	3	25	9	..	1	27
West Indies.....	1	1	2	..	..	..	..	..	..	..	..	..	..	1	2	7	2	..	..	7
Near East.....	3	13	1	..	..	..	..	1	..	..	..	..	..	27	..	42	33	..	..	53
.19 per cent*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Iran.....	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	3	..	..	..	3
Iraq.....	1	3	..	..	..	..	..	..	..	..	..	..	..	2	..	5	2	..	..	5
Syria.....	1	2	1	..	..	..	..	..	..	..	..	..	..	1	..	4	5	..	..	7
Turkey.....	..	8	..	..	..	..	..	1	..	..	..	..	..	22	..	30	26	..	..	38
U.S. territories and island pos- sessions.....	15	13	8	6	2	1	2	2	2	1	..	1	..	25	..	75	46	2	3	86
.35 per cent*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Alaska.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Hawaii.....	6	..	2	6	..	..	1	..	..	..	..	..	..	2	..	17	12	1	2	23
Philippine Is....	4	11	1	..	1	1	1	2	1	..	..	1	..	11	..	31	19	..	..	32
Puerto Rico.....	5	2	5	..	1	..	..	..	1	1	..	..	..	12	..	27	15	..	1	30
Total outside continental U.S.	155	109	41	8	3	16	12	8	12	10	1	2	25	278	..	650	404	22	46	877
Total U.S.....	8,066	4,061	880	956	174	341	677	372	1,129	281	290	480	229	3,759	65	21,062	9,164	4,097	1,653	29,401
Total students	8,221	4,170	921	964	177	357	689	380	1,141	291	291	482	254	4,037	65	21,712	9,568	4,119	1,699	30,278

\*These percentages apply to the net total enrollment for the first and second semesters.

TABLE XV  
 ENROLLMENT OF MICHIGAN RESIDENTS BY COUNTIES  
 RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS\*

1  Michigan Counties †	2  Resident Enrollment in First and Second Semesters														3  1946 Summer Session	4  Credit Extension	5  Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	6  Net Total Students in Credit or Prof. Programs		
	L.; S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health	Graduate					Hospital Training	Net Total First and Second Semesters
Alcona.....	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	4	2	4	..	8
Alger.....	4	5	..	..	..	..	1	1	..	..	..	..	..	..	..	15	7	4	1	24
Allegan.....	11	9	..	3	..	3	..	2	1	..	1	..	..	12	..	39	30	7	7	68
Alpena.....	9	7	1	1	..	2	..	..	1	..	1	1	1	1	..	24	18	19	2	55
Antrim.....	2	2	..	1	1	..	..	..	1	..	..	..	..	1	..	8	3	3	2	15
Arenac.....	3	3	..	..	..	1	..	..	..	..	..	..	..	1	..	8	4	2	2	14
Baraga.....	4	3	..	..	..	..	..	..	..	1	2	..	..	..	..	9	5	4	1	14
Barry.....	20	9	2	2	1	1	..	..	2	..	1	..	1	2	..	40	12	7	..	54
Bay.....	68	30	6	8	2	5	2	8	10	..	4	3	..	37	..	175	62	44	63	296
Benzie.....	6	3	1	..	..	..	1	..	..	..	..	..	..	2	..	13	6	2	2	20
Berrien.....	75	58	11	4	5	2	6	5	13	..	5	6	1	30	..	217	94	34	3	278
Branch.....	13	11	6	1	2	..	2	..	1	..	2	2	2	6	..	48	33	2	1	64
Calhoun (8)...	65	33	18	16	1	2	7	3	9	2	5	4	1	34	..	194	105	101	81	407
Cass.....	17	2	..	..	1	..	..	..	3	..	..	1	..	3	..	26	13	1	..	34
Charlevoix....	2	4	1	1	..	..	..	..	..	1	1	1	1	4	..	16	4	3	8	28

Cheboygan.....	2	4	...	...	1	2	...	...	...	1	...	...	1	...	11	10	1	1	22
Chippewa.....	14	8	2	...	1	2	2	1	1	...	1	1	...	3	36	17	46	29	116
Clare.....	2	1	...	...	...	...	...	...	...	...	...	...	3	6	2	...	1	8	
Clinton.....	11	2	...	...	1	...	2	1	...	...	...	1	...	18	7	1	3	25	
Crawford.....	4	2	...	...	...	...	...	...	...	...	...	...	...	6	1	...	1	7	
Delta.....	31	15	...	1	1	...	1	1	4	4	2	2	...	66	19	16	2	87	
Dickinson.....	29	13	2	2	1	2	2	2	3	...	3	1	...	63	27	8	...	78	
Eaton.....	10	4	1	1	...	3	3	...	...	...	1	...	2	31	10	...	4	38	
Emmet.....	16	10	1	...	...	...	1	3	2	1	...	1	...	36	8	10	2	51	
Genesee (5)....	232	111	16	14	11	14	22	13	44	4	11	14	2	693	218	126	129	978	
Gladwin.....	3	1	...	...	...	...	1	1	...	...	1	...	...	10	5	...	...	12	
Gogebic.....	40	15	5	1	1	1	5	2	5	2	6	3	...	90	37	28	18	140	
Grand Traverse	22	13	6	3	...	2	1	1	3	1	...	3	...	60	22	29	41	136	
Gratiot.....	18	7	4	3	...	2	3	...	1	...	...	1	...	48	24	2	5	66	
Hillsdale.....	11	12	2	3	1	2	1	...	1	...	...	1	...	46	28	5	1	66	
Houghton.....	25	5	1	...	...	2	1	3	3	...	2	1	...	48	17	25	15	94	
Huron.....	21	5	...	2	...	...	...	1	...	...	2	...	...	36	15	18	2	61	
Ingham (9)....	73	36	23	16	2	5	10	4	6	...	6	1	3	215	102	19	115	388	
Ionia.....	16	6	2	2	...	2	1	1	5	...	1	...	...	44	26	12	11	75	
Iosco.....	6	3	1	...	...	...	...	...	...	...	1	...	...	10	3	...	...	11	
Iron.....	23	11	...	2	1	1	2	3	1	4	2	1	1	56	24	9	3	74	
Isabella.....	10	6	1	1	...	...	...	...	3	1	1	1	...	36	18	1	2	49	
Jackson (10)...	83	50	12	8	3	4	8	4	11	1	2	2	2	217	102	14	96	347	
Kalamazoo (7)	67	47	13	13	2	6	6	2	15	...	7	3	...	274	157	24	99	463	
Kalkaska.....	1	2	...	...	...	...	...	...	...	...	...	1	2	6	2	5	1	13	
Kent (3).....	260	121	36	24	3	21	20	10	95	6	18	7	5	764	232	512	148	1,461	
Keweenaw.....	2	...	...	...	...	...	...	1	...	...	...	1	...	4	...	1	...	5	
Lake.....	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	
Lapeer.....	17	6	...	1	...	1	1	...	3	2	3	3	...	50	17	14	5	72	
Leelanau.....	5	4	1	1	...	...	1	1	...	...	1	2	...	18	2	1	2	22	

TABLE XV (Cont.)

ENROLLMENT OF MICHIGAN RESIDENTS BY COUNTIES  
RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS\*

1 Michigan Counties †	2 Resident Enrollment in First and Second Semesters														3 1946 Summer Session	4 Credit Extension	5 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	6 Net Total Students in Credit or Prof. Programs		
	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Arch. & Des.	Education	Business Admin.	For. & Cons.	Nursing	Music	Public Health	Graduate					Hospital Training	Net Total First and Second Semesters
Lenawee.....	45	24	5	4	1	3	1	4	7	1	3	3	..	17	..	116	82	8	4	171
Livingston.....	27	11	2	1	..	2	1	3	2	1	..	3	..	6	1	60	22	3	..	73
Luce.....	2	..	..	..	..	..	..	..	..	2	1	..	..	1	..	6	5	..	1	11
Mackinac.....	3	1	..	2	..	..	..	..	..	..	..	1	..	1	..	7	5	2	..	12
Macomb.....	64	49	2	2	4	3	5	1	5	1	..	2	..	27	..	160	56	27	44	242
Manistee.....	13	10	1	..	..	..	2	..	1	..	..	2	2	5	..	35	13	1	6	46
Marquette.....	29	11	1	1	..	..	6	2	4	1	3	4	4	25	..	88	48	20	18	152
Mason.....	14	13	4	2	..	..	..	1	1	..	2	1	..	2	..	38	16	3	..	47
Mecosta.....	6	6	2	2	1	..	..	1	..	..	..	..	1	8	..	27	11	3	2	35
Menominee.....	9	3	1	1	..	..	2	..	2	..	2	..	..	3	..	23	16	18	..	45
Midland.....	20	15	1	1	2	..	..	..	2	2	1	1	..	10	..	53	28	27	8	94
Missaukee.....	1	2	..	..	..	..	..	..	..	..	..	1	..	2	..	6	3	2	1	10
Monroe.....	52	26	4	3	3	1	5	4	7	1	2	7	1	30	..	140	62	4	6	171
Montcalm.....	13	6	1	2	..	..	..	2	3	..	..	..	1	11	..	36	19	2	4	47
Montmorency..	..	3	..	..	..	..	..	..	1	..	..	..	..	..	..	4	..	4	1	9

Muskegon.....	75	40	9	7	3	2	6	4	8	2	2	4	1	27	..	183	71	8	4	214
Newaygo.....	8	3	2	1	..	1	1	..	..	1	..	..	2	3	..	22	10	2	..	31
Oakland (4)...	461	224	27	20	8	17	38	15	32	2	17	27	2	128	..	997	294	167	12	1,233
Oceana.....	9	3	2	1	..	3	..	1	2	..	..	..	..	3	..	23	10	1	3	28
Ogemaw.....	4	3	..	..	1	..	..	..	..	..	..	..	..	..	..	8	3	..	..	9
Ononagon.....	5	1	..	1	..	..	..	..	..	..	1	1	1	1	..	11	5	2	2	16
Osceola.....	6	4	..	..	..	..	..	..	..	..	..	..	..	4	..	14	6	..	4	20
Oscoda.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ossego.....	2	1	..	..	..	..	..	..	..	2	..	..	..	1	..	6	3	2	1	9
Ottawa.....	30	29	16	9	1	3	5	3	10	6	1	8	1	26	..	144	67	33	9	204
Presque Isle...†	2	2	..	1	..	..	..	..	..	1	3	..	..	1	..	9	10	..	1	15
Roscommon...†	4	1	..	1	..	..	..	..	..	1	..	..	..	..	..	7	1	..	1	8
Saginaw (6)...	138	47	10	11	2	8	11	9	18	..	4	3	2	32	..	287	83	130	77	506
Saint Clair....	61	35	3	6	1	1	10	2	9	1	2	4	1	29	1	160	61	44	26	238
Saint Joseph...†	24	16	3	6	1	..	1	1	4	..	5	3	..	16	..	79	33	1	4	93
Sanilac.....	8	6	1	1	..	2	..	..	1	..	3	1	..	6	..	29	15	2	1	37
Schoolcraft...	11	3	..	1	..	..	..	..	2	..	..	..	1	..	..	17	6	1	..	17
Shiawassee....	41	11	6	..	1	4	3	1	4	1	3	4	..	9	..	85	32	8	8	111
Tuscola.....	18	7	1	1	..	..	..	..	3	1	..	3	..	4	..	38	14	13	8	67
Van Buren....	16	12	..	5	..	..	1	..	2	1	4	2	..	17	1	59	27	4	7	76
Washtenaw (2)	948	476	151	134	29	39	96	58	143	34	16	69	21	715	30	2,845	1,589	231	117	3,434
Wayne (1).....	2,290	1,038	146	120	42	103	175	85	182	18	62	71	12	708	..	4,886	1,509	1,622	90	6,838
Wexford.....	16	6	..	1	1	1	1	1	2	1	..	..	..	13	..	41	17	3	14	62
<b>Total Michigan</b>	<b>5,831</b>	<b>2,849</b>	<b>577</b>	<b>483</b>	<b>143</b>	<b>281</b>	<b>483</b>	<b>271</b>	<b>704</b>	<b>109</b>	<b>233</b>	<b>294</b>	<b>77</b>	<b>2,681</b>	<b>39</b>	<b>14,585</b>	<b>5,802</b>	<b>3,562</b>	<b>1,393</b>	<b>20,777</b>

\*The total of columns 2 and 3, after duplicates have been deducted, is the Michigan section of Part I-A of the enrollment summary, Table VIII. Part II-A of the enrollment summary, Table VIII, is column 4. Parts I-B and II-B of the enrollment summary, Table VIII, are column 5. Parts I and II of the enrollment summary, Table VIII, are column 6.

†The ten counties sending the most students are indicated by figures in parentheses.

TABLE XVI

## MICHIGAN CIVILIAN STUDENTS BY COUNTIES, 1946-47

Counties in Michigan	Population 1940 Census	Public High School Enrollment, 1945-46	Non-Public High School Enrollment, 1945-46	Michigan High Schools Accredited by the University				University of Michigan Freshmen, 1946-47	University of Michigan Students, 1946-47
				Number of Schools		Graduates 1945-46			
				Public	Non-Public	Public	Non-Public		
Alcona .....	5,463	103		1		17		8	
Alger .....	10,167	463		4		92	6	24	
Allegan .....	41,839	1,499		8		299	4	68	
Alpena .....	20,766	836	243	1		150	7	55	
Antrim .....	10,964	551		6		86	1	15	
Arenac .....	9,233	489		4		99	2	14	
Baraga .....	9,356	409		2		96	3	14	
Barry .....	22,613	1,113		6		228	16	54	
Bay .....	74,981	2,574	141	2		490	33	296	
Benzie .....	7,800	389		3		59	1	20	
Berrien .....	89,117	4,327		15		905	40	278	
Branch .....	25,845	1,024	23	4	1	216	11	64	
Calhoun .....	94,206	4,268	262	7		664	47	407	
Cass .....	21,910	829		4		174	5	34	
Charlevoix .....	13,031	698		5		116	1	28	

Cheboygan.....	13,644	479		3		87		2	22
Chippewa.....	27,807	1,349		4		267		4	116
Clare.....	9,163	502		3		82		1	8
Clinton.....	26,671	1,211		8		208		8	25
Crawford.....	3,765	160		1		32		1	7
Delta.....	34,037	1,587	197	7		310	36	17	87
Dickinson.....	28,731	1,792		6		429		15	78
Eaton.....	34,124	1,772		9		321		8	38
Emmet.....	15,791	851		5		150		6	51
Genesee.....	227,944	12,271	940	19		2,317	170	83	978
Gladwin.....	9,385	496		2		91		1	12
Gogebic.....	31,797	1,533	145	5		331	24	16	140
Grand Traverse.....	23,390	1,094	139	5		201	27	15	136
Gratiot.....	32,205	1,451		7		277		7	66
Hillsdale.....	29,092	1,358		10		293		7	66
Houghton.....	47,631	1,977	92	7		372	26	8	94
Huron.....	32,584	1,397	92	11		291	21	9	61
Ingham.....	130,616	6,633	525	12		1,233	96	36	388
Ionia.....	35,710	1,487	102	8		294	22	3	75
Iosco.....	8,560	642		5		127		2	11
Iron.....	20,243	1,102				260		14	74
Isabella.....	25,982	1,016	129	5	1	183	22	5	49
Jackson.....	93,108	3,896	605	5		683	131	19	347
Kalamazoo.....	100,085	3,977		11		714		18	463
Kalkaska.....	5,159	178		9		38		1	13
				2					
Kent.....	246,338	10,877				1,848		63	1,461
Keweenaw.....	4,004			16					5
Lake.....	4,798	186				34			2
Lapeer.....	32,116	1,340		2		259		13	72
Leelanau.....	8,436	382	67	9	1	77	22	5	22
				7					

TABLE XVI (Cont.)

## MICHIGAN CIVILIAN STUDENTS BY COUNTIES, 1946-47

Counties in Michigan	Population 1940 Census	Public High School Enrollment, 1945-46	Non-Public High School Enrollment, 1945-46	Michigan High Schools Accredited by the University				University of Michigan Freshmen, 1946-47	University of Michigan Students, 1946-47
				Number of Schools		Graduates 1945-46			
				Public	Non-Public	Public	Non-Public		
Lenawee.....	53,110	2,178	293	11		449	61	16	171
Livingston.....	20,863	944		5		186		8	73
Luce.....	7,423	345		2		50			11
Mackinac.....	9,438	309		4		51		2	12
Macomb.....	107,638	5,819	725	18		1,036	112	34	242
Manistee.....	18,450	740		7		160		8	46
Marquette.....	47,144	1,828	306	8		365	54	12	152
Mason.....	19,378	794		4		159		9	47
Mecosta.....	16,902	844		5		165		4	35
Menominee.....	24,883	1,268		6		249		4	45
Midland.....	27,094	1,242		3		220		8	94
Missaukee.....	8,034	306	83	3		71	22	1	10
Monroe.....	58,620	2,296		7		446		22	171
Montcalm.....	28,581	1,394	214	10		258	43	3	47
Montmorency.....	3,840	245		2		40		1	9



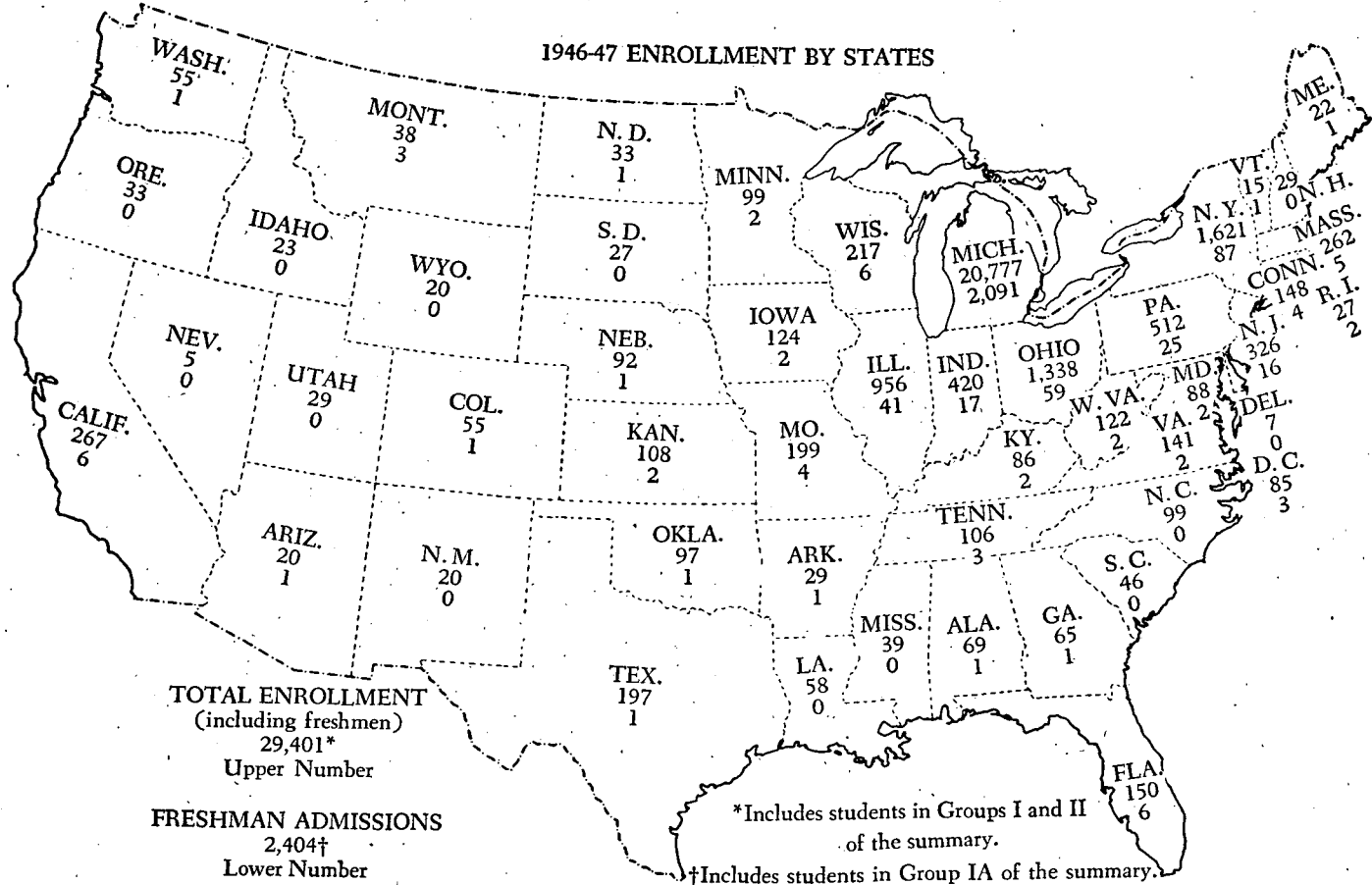
Muskegon.....	94,501	4,405	469	8		801	76	21	214
Newaygo.....	19,286	994		5		186		5	31
Oakland.....	254,068	14,582		25		2,674		193	1,233
Oceana.....	14,812	588		4		115		3	28
Ogemaw.....	8,720	334	71	2	1	56	15	4	9
Ontonagon.....	11,359	587		6		124		3	16
Osceola.....	13,309	773		6		135		1	20
Oscoda.....	2,543	179		2		32			
Ossego.....	5,827	257	59	3	1	48	13		9
Ottawa.....	59,660	2,619		6		519		16	204
Presque Isle.....	12,250	609		3		103		1	15
Roscommon.....	3,668	242		2		23			8
Saginaw.....	130,468	6,234	111*	7		945	23*	50	506
Saint Clair.....	76,222	3,245	456	7		617	93	21	238
Saint Joseph.....	31,749	1,492		8		293		12	93
Sanilac.....	30,114	1,522		9		324		2	37
Schoolcraft.....	9,524	458		2		77		4	17
Shiawassee.....	41,207	1,799	169	8		340	38	17	111
Tuscola.....	35,694	1,634		11		350		8	67
Van Buren.....	35,111	1,837		11		331		6	76
Washtenaw.....	80,810	3,217		8		625		227	3,434
Wayne.....	2,015,623	101,096	2,868	21		13,432	539	838	6,838
Wexford.....	17,976	916		5		181		6	62
Total.....	5,256,106	252,739	9,526	539	5	41,736	1,822	2,091	20,777

\*Excludes Saginaw City.

NOTE.—Statistics concerning high schools were furnished by the State Department of Public Instruction.

# 1946-47 ENROLLMENT BY STATES

58



# 1946-47 MICHIGAN ENROLLMENT BY COUNTIES

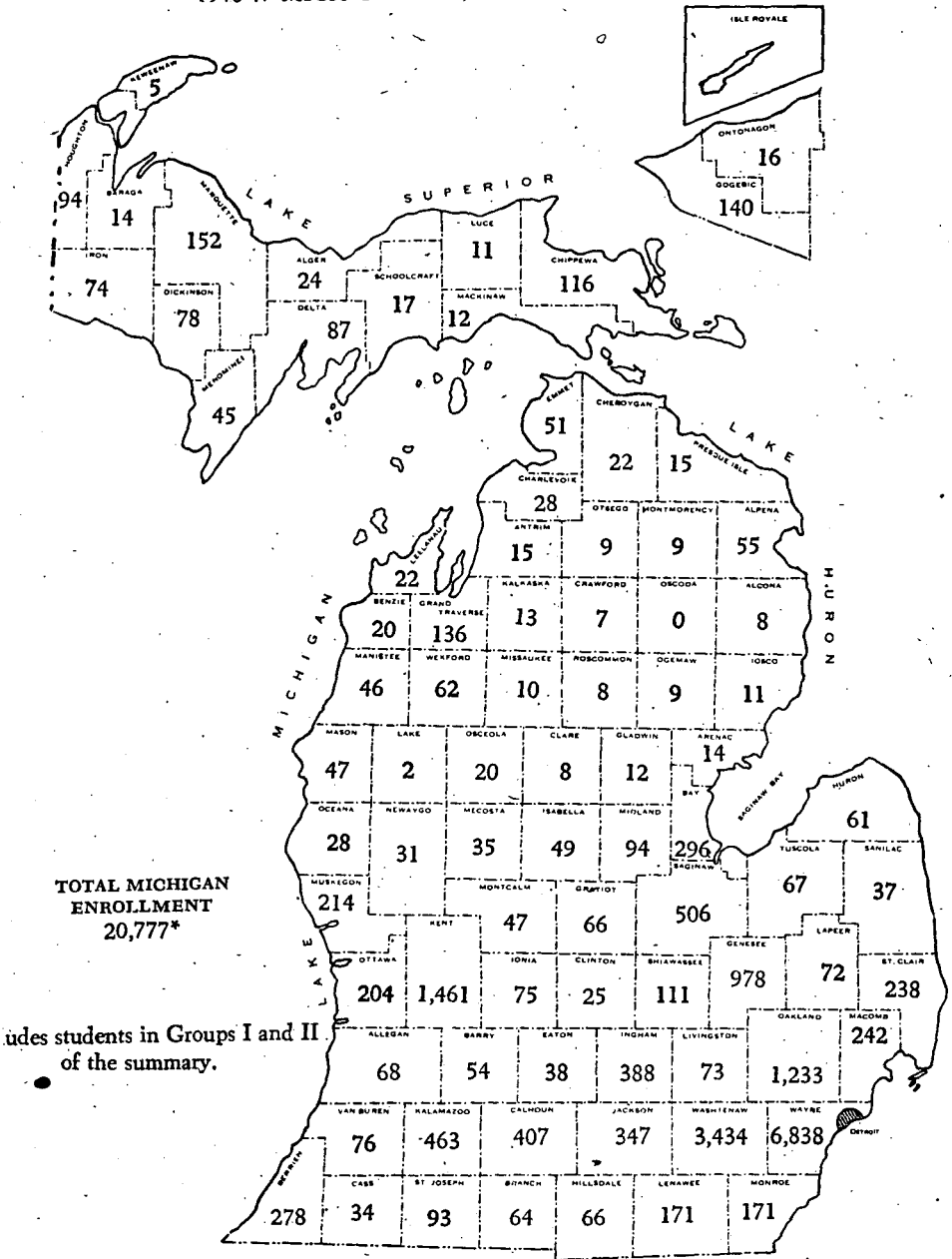


TABLE XVII  
ENROLLMENT FROM 1843 TO 1947

Year	Total*	Year	Total*
1843-44	53	1920-21	10,623
1849-50	72	1921-22	11,120
1858-59	430	1922-23	11,450
1869-70	1,112	1923-24	12,291
1879-80	1,427	1924-25	12,312
1890-91	2,420	1925-26	12,690
1899-1900	3,441	1926-27	13,257
1900-01	3,712	1927-28	13,593
1901-02	3,709	1928-29	13,769
1902-03	3,792	1929-30	15,154
1903-04	3,957	1930-31	15,500
1904-05	4,136	1931-32	14,826
1905-06	4,571	1932-33	13,257
1906-07	4,746	1933-34	12,301
1907-08	5,010	1934-35	13,691
1908-09	5,223	1935-36	16,040
1909-10	5,383	1936-37	18,043
1910-11	5,381	1937-38	18,851
1911-12	5,582	1938-39	19,591
1912-13	5,805	1939-40	19,596
1913-14	6,258	1940-41	18,899
1914-15	6,857	1941-42	17,168
1915-16	7,214	1942-43	16,277
1916-17	7,517	1943-44	17,701
1917-18	6,734	1944-45	18,718
1918-19	7,288	1945-46	25,549
1919-20	9,401	1946-47	30,278

\*Includes civilian and armed forces students in the regular session and summer session and those taking class and correspondence extension courses for which credit may be given.

TABLE XVIII  
DEGREES AND CERTIFICATES CONFERRED, 1946-47

	Men	Women	Total
College of Literature, Science, and the Arts			
Bachelor of Arts . . . . .	537	575	1,112
Bachelor of Arts in Library Science . . . . .	19	28	47
Bachelor of Science . . . . .	203	99	302
Bachelor of Science in Chemistry . . . . .	9	8	17
College of Engineering			
Bachelor of Science in Engineering			
Aeronautical Engineering . . . . .	85	1	86
Business Administration . . . . .	1	..	1
Chemical Engineering . . . . .	108	..	108
Civil Engineering . . . . .	52	..	52
Electrical Engineering . . . . .	99	..	99
Engineering Mechanics . . . . .	4	..	4
Industrial—Mechanical Engineering . . . . .	44	..	44
Law . . . . .	4	..	4
Mathematics . . . . .	30	2	32
Mechanical Engineering . . . . .	150	..	150
Metallurgical Engineering . . . . .	17	..	17
Naval Architecture and Marine Engineering . . . . .	18	..	18
Physics . . . . .	17	1	18
Transportation . . . . .	4	..	4
Medical School			
Doctor of Medicine . . . . .	135	6	141
Law School			
Bachelor of Laws . . . . .	81	4	85
Juris Doctor . . . . .	31	2	33
Master of Laws . . . . .	6	..	6
College of Pharmacy			
Bachelor of Science in Pharmacy . . . . .	15	3	18
School of Dentistry			
Doctor of Dental Surgery . . . . .	10	..	10
College of Architecture and Design			
Bachelor of Architecture			
Architectural Engineering . . . . .	8	1	9
Architecture . . . . .	9	1	10
Bachelor of Design . . . . .	7	25	32
Bachelor of Landscape Architecture . . . . .	1	..	1
Bachelor of Science in Architecture			
Architecture . . . . .	3	..	3
Bachelor of Science in Landscape Architecture . . . . .	1	..	1
School of Education			
Bachelor of Arts in Education . . . . .	12	64	76
Bachelor of Science in Education . . . . .	15	15	30
School of Business Administration			
Bachelor of Business Administration . . . . .	201	22	223
Master of Business Administration . . . . .	122	3	125

• TABLE XVIII (Cont.)

DEGREES AND CERTIFICATES CONFERRED, 1946-47

	Men	Women	Total
School of Forestry and Conservation			
Bachelor of Science in Forestry . . . . .	68	...	68
Bachelor of Science in Wood Technology . . . . .	8	...	8
Master of Forestry . . . . .	41	...	41
Master of Wood Technology . . . . .	5	...	5
School of Nursing			
Bachelor of Science in Nursing . . . . .	...	14	14
School of Music			
Bachelor of Music			
Music Education . . . . .	13	21	34
Music Literature . . . . .	...	1	1
Organ . . . . .	1	1	2
Piano . . . . .	2	12	14
Theory . . . . .	1	2	3
Violin . . . . .	...	2	2
Voice . . . . .	2	4	6
Master of Music			
Music Education . . . . .	57	24	81
Music Literature . . . . .	2	2	4
Organ . . . . .	3	4	7
Piano . . . . .	6	10	16
Theory . . . . .	2	3	5
Violin . . . . .	...	2	2
Voice . . . . .	6	1	7
Wind Instruments . . . . .	3	...	3
School of Public Health			
Bachelor of Science in Public Health Nursing . . . . .	...	28	28
Master of Public Health . . . . .	66	20	86
Doctor of Public Health . . . . .	1	...	1
Horace H. Rackham School of Graduate Studies			
Master in Engineering and Public Administration . . . . .	1	...	1
Master of Arts . . . . .	360	278	638
Master of Arts in Library Science . . . . .	3	9	12
Master of Clinical Psychology . . . . .	1	...	1
Master of Design . . . . .	1	...	1
Master in Landscape Architecture . . . . .	1	...	1
City Planning . . . . .	1	...	1
Master of Public Administration . . . . .	3	...	3
Master of Science . . . . .	177	52	229
Master of Science in Chemistry . . . . .	10	2	12
Master of Science in Engineering . . . . .	187	...	187
Master of Science in Industrial Engineering . . . . .	3	...	3
Master of Science in Public Health . . . . .	2	1	3

TABLE XVIII (Cont.)

## DEGREES AND CERTIFICATES CONFERRED, 1946-47

	Men	Women	Total
Master of Science in Public Health Engineering.	1	...	1
Master of Social Work.....	6	29	35
Civil Engineer.....	1	...	1
Electrical Engineer.....	1	...	1
Doctor of Education.....	1	...	1
Doctor of Philosophy.....	63	5	68
Doctor of Public Health.....	1	...	1
Doctor of Science.....	1	...	1
Diplomas and Certificates of Graduation			
Diploma in Nursing.....	...	172	172
Certificate in Anesthesia.....	...	10	10
Certificate in Dental Hygiene.....	...	23	23
Certificate in Public Health Nursing.....	...	1	1
Certificates of Specialization			
Certificate in Journalism.....	11	13	24
Certificate in Medical Technology.....	...	8	8
Certificate of Proficiency in Postgraduate Medicine	25	1	26
Teachers' Certificates			
State Secondary Provisional Certificate			
College of Architecture and Design.....	...	3	3
School of Education.....	21	22	43
College of Literature, Science, and the Arts.	10	78	88
School of Music.....	15	21	36
School of Public Health.....	...	4	4
Horace H. Rackham School of Graduate			
Studies.....	13	9	22
State Elementary Provisional Certificate			
School of Education.....	1	51	52
College of Literature, Science, and the Arts.	...	2	2
Horace H. Rackham School of Graduate			
Studies.....	...	6	6
Junior College Permanent Certificate			
College of Literature, Science, and the Arts.	1	...	1
Horace H. Rackham School of Graduate			
Studies.....	2	2	4
Commissions			
United States Marine Corps Reserve.....	3	...	3
United States Naval Reserve.....	32	...	32
United States Navy.....	8	...	8
Honorary Degrees			
Doctor of Engineering.....	1	...	1
Doctor of Laws.....	1	...	1
Degrees in Course Awarded Honoris Causa			
Bachelor of Arts.....	1	...	1
Bachelor of Laws.....	1	...	1

TABLE XIX

SUMMARY OF DEGREES AND CERTIFICATES, 1945-46 AND 1946-47

Total	1945-46			1946-47			Change
	Men	Women	Total	Men	Women	Total	
Degrees in Course.....	1,550	1,193	2,743	3,170	1,387	4,557	1,814
Degrees in Course Honoris Causa.....	18	...	18	2	...	2	-16
Special Certificates and Diplomas.....	57	273	330	99	426	525	195
Commissions							
Naval Reserve Officers Training Corps...	222	...	222	43	...	43	-179
Honorary Degrees.....	1	...	1	2	...	2	1



## FACULTY STATISTICS

TABLE XX  
TEACHING FACULTY\*

	Men	Women	Total
<b>Regular Session</b>			
Professors.....	298	11	309
Associate Professors.....	160	11	171
Assistant Professors.....	208	19	227
Instructors.....	230	40	270
Total.....	896	81	977
<b>1946 Summer Session</b>			
Professors.....	153	2	155
Associate Professors.....	99	9	108
Assistant Professors.....	99	10	109
Instructors.....	94	20	114
Total.....	445	41	486
<b>Net total, regular session and 1946 summer session</b>			
Professors.....	315	11	326
Associate Professors.....	172	14	186
Assistant Professors.....	216	19	235
Instructors.....	242	44	286
Total.....	945	88	1,033

\*Based upon the budget as originally adopted.

TABLE XXI

## 1946-47 DISTRIBUTION OF TEACHING FACULTY BY SCHOOLS AND COLLEGES

Rank	L., S., & A.	Engineering	Medical	Law	Pharmacy	Dentistry	Architecture	Education	Business Admin.	Forestry & Cons.	Nursing	Music	Public Health	Social Work	Physical Educ.	Sculpture Studio	Net Total Fall and Spring *	1946 Summer Session	Net Total 1946-47
Professor . . . . .	126	51	32	17	2	11	9	14	12	9	1	15	10	3	3	..	309	155	326
Associate Professor	77	30	24	2	1	7	6	4	4	2	1	6	3	1	4	1	171	108	186
Assistant Professor	92	39	37	3	..	9	6	7	6	..	3	10	5	2	10	..	227	109	235
Instructor . . . . .	57	29	78	2	1	21	7	1	9	2	21	22	8	..	12	..	270	114	286
Total . . . . .	352	149	171	24	4	48	28	26	31	13	26	53	26	6	29	1	977	486	1,033

\* The following duplicates have been deducted from these totals: Professors, L., S., & A. and Education, 2; Engineering and Public Health, 1; Medicine and Public Health, 1; Dentistry and Public Health, 1; Education and Physical Education, 1; Associate Professors, L., S., and A. and Education, 1; Education and Physical Education, 1. Assistant Professor, Medicine and Dentistry, 1; Medicine and Public Health, 1.

Respectfully submitted,

IRA M. SMITH, Registrar