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Report of
The Registrar of the University
1947-1948

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THE REGISTRAR OF THE UNIVERSITY

To the President of the University:

SIR—It is very gratifying to report that the work in the Registrar's Office for the year 1947-48 reached a more nearly normal basis than during the other postwar years. While it is true that the increased enrollment caused a heavier work load, nevertheless, our office personnel was more permanent, and we had fewer changes in the staff. The total enrollment of 30,278 for 1946-47 increased to 32,307 in 1947-48 in regular credit and professional programs.

The enrollment of service men and women advanced from 14,846 in 1946-47 to 15,608 in 1947-48 in credit and professional programs. Further comments on enrollments for the year 1947-48 are given in this report under the Statistical Service.

Entrance examinations.—During the three regular entrance examination periods, a total of ninety-two applicants was examined. In August, twenty-five candidates wrote subject matter examinations, and eleven others seeking admission were given scholastic aptitude tests. A smaller group was asked to report in January, with only six taking examinations in academic work and ten writing the aptitude tests. The third regularly scheduled examination period for the year 1947-48 occurred during the first week in June. At this time we administered subject entrance examinations to twelve students and scholastic aptitude tests to twenty-eight whose records were below the standard which we require for admission on certificate. For the entire year there were forty-three students with unsatisfactory grades in certain subjects who tried to qualify for entrance by passing examinations in those subjects. Forty-nine applicants whose high-school records made us doubt their preparedness to undertake the freshman program were given the opportunity to strengthen those records by obtaining good scores in the aptitude tests.

ADMISSIONS DIVISION

As the number of veterans applying from Michigan at the freshman level was negligible in comparison with last year, it was possible to grant admission to some students from outside the state. The number was not up to the prewar figure, but there was a partial return to the prewar policy with regard to the admission of out-of-state applicants.

Multiple application, that is, application by one student to a number of colleges, which has existed for some years, has been very much extended since the war. This is one of the greatest problems of the college admissions offices at the present time, and it is a problem which the colleges have brought upon

themselves by deferred action on applications. Previous to the postwar years, only a relatively small number of colleges followed the practice of deferred action, but with the pressure of the returning veterans, many colleges adopted this practice, and applicants were not notified concerning admission, in many cases, until the early summer of the year of entrance. This meant that in order to be assured of admission to some college, a student would apply to a number of colleges, and, as a consequence, the Admissions Office found it most difficult to determine those that were bona fide applicants. In 1946 this Admissions Office kept on the waiting list a number of out-of-state candidates, hoping that after the Michigan applicants were accommodated there would be room for at least a few of them, but this did not prove to be the case so that it was necessary to reject practically all of them. In this past year, however, we returned to our usual practice of reporting to a candidate concerning his admission status at the time of the filing of his application. We have never deviated from this practice for Michigan applicants. It is hoped that the colleges will rapidly return to their prewar practice of reporting on applications at the time the applications are filed, and that students, therefore, will no longer find it necessary to submit applications to a number of colleges in order to be assured of admission to one. The work of admissions offices has been more than doubled because of multiple application.

Prognostic rating.—On the acceptance of each student for admission a prediction is made of the probable degree of the student's success in the University, based on the information contained in the application.

The various members of the faculty interested in personnel work with the freshmen use the prediction, as well as the results of the scholastic aptitude test and 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.

Regents-Alumni scholarships.—There was some improvement in the filing of applications for admission from scholarship candidates ahead of the deadline date, but most of them came in the last week. Unless the filing of these applications can be spread over a longer period of time, the Admissions Office will not be able to do the work required of it in a satisfactory manner.

Admission of freshmen without previous college training.—During the year 1947-48, 2,052 freshmen without previous college experience were admitted. This number should not be confused with the number of new students enrolled. During the first semester alone, there were approximately 5,000 new students admitted to the undergraduate, professional, or graduate divisions of the University. Michigan residents made up 73 per cent of the 2,052 freshmen without previous college training, admitted during 1947-48. This compares with 87 per cent Michigan residents in 1946-47. The number of freshmen entering for the short summer period continued to show a sharp

decline to 36 from 98 the preceding summer. Fall freshman registrations decreased to 1,828 from 1,979. While the total fall freshmen decreased 151, the fall freshman veterans dropped to 245 from 711. This rapid decline in the number of freshman veterans brings additional evidence that the veteran as a freshman is rapidly disappearing from the college campus. Spring freshman admissions showed a decline to 188 from 330 in 1947. Again, the decrease in number of veterans almost entirely accounts for this drop.

Freshman withdrawals.—Of the 1,828 freshmen who entered in the fall, 52 withdrew during the fall, 94 additional freshmen withdrew at the close of the fall, and 14 more withdrew during the spring, or a loss of 8.8 per cent before the close of the spring period. Veterans showed a loss of 12.7 per cent, and nonveterans, 8.1 per cent. Of the men 9.1 per cent dropped before the close of the second semester. Of the women 8.1 per cent left during the same time.

Academic success of freshmen.—Freshmen who entered in the fall of 1947 earned an average of 2.42 for the first semester. Those who remained to complete the 1947-48 second semester earned 2.49 during that period. This compares with 2.42 for the fall term of 1945, 2.47 for the spring term of 1946, and 2.44 for the first semester and 2.48 for the second semester of 1946-47. All of these averages are well above the 2.0 required for graduation.

Nonveterans earned a slightly higher average than did veterans, and women did better than men in the fall. In the spring, freshman men as a group maintained a scholastic average above that earned by freshman women.

Tables showing freshman admissions, withdrawals, and averages are shown on pages 6-9.

FRESHMEN WITHOUT PREVIOUS COLLEGE EXPERIENCE GROUPED BY
VETERAN STATUS, SEX, AND PERIOD OF ADMISSION

Veteran Status	Sex	1946-47 Freshman Admissions			1947-48 Freshman Admissions		
		Summer	Fall	Spring	Summer	Fall	Spring
Total . . .	Total . . .	98	1,979	330	36	1,828	188
	Men . . .	91	1,282	273	29	1,159	144
	Women . .	7	697	57	7	669	44
Veteran . .	Total . . .	66	711	181	17	245	56
	Men . . .	64	695	179	17	238	56
	Women . .	2	16	2	..	7	..
Non- veteran	Total . . .	32	1,268	149	19	1,583	132
	Men . . .	27	587	94	12	921	88
	Women . .	5	681	55	7	662	44

1947-48 FRESHMAN ADMISSIONS*
BY
RESIDENCE, SEX, COLLEGE, AND ADMISSION PERIOD

University Group	Admission Period	Total Freshmen			Michigan Freshmen			Non-Michigan Freshmen		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Total freshmen	Year	2,052	1,332	720	1,503	934	569	549	398	151
	Summer	36	29	7	30	23	7	6	6	...
	Fall	1,828	1,159	669	1,356	823	533	472	336	136
	Spring	188	144	44	117	88	29	71	56	15
Arch. and Design	Year	100	66	34	69	47	22	31	19	12
	Summer	4	4	...	4	4	...	...	...	...
	Fall	91	57	34	61	39	22	30	18	12
	Spring	5	5	...	4	4	...	1	1	...
Dental Hygiene	Year	19	...	19	19	...	19	...	...	...
	Summer .....	...	...	...	...	...	...	...	...	...
	Fall	19	...	19	19	...	19	...	...	...
	Spring .....	...	...	...	...	...	...	...	...	...
Education	Year	30	17	13	20	11	9	10	6	4
	Summer .....	...	...	...	...	...	...	...	...	...
	Fall	26	14	12	18	9	9	8	5	3
	Spring	4	3	1	2	2	...	2	1	1
Engineering	Year	458	453	5	323	318	5	135	135	...
	Summer	9	9	...	6	6	...	3	3	...
	Fall	406	401	5	291	286	5	115	115	...
	Spring	43	43	...	26	26	...	17	17	...

Forestry and Cons.....	Year.....	24	24	...	6	6	...	18	18	...
	Summer.....	...	...	...	...	...	...	...	...	...
	Fall.....	23	23	...	6	6	...	17	17	...
	Spring.....	1	1	...	...	...	...	1	1	...
Lit., Sci., and Arts.....	Year.....	1,292	721	571	967	516	451	325	205	120
	Summer.....	22	16	6	19	13	6	3	3	...
	Fall.....	1,137	615	522	864	448	416	273	167	106
	Spring.....	133	90	43	84	55	29	49	35	14
Music.....	Year.....	62	31	31	42	19	23	20	12	8
	Summer.....	...	...	...	...	...	...	...	...	...
	Fall.....	60	29	31	41	18	23	19	11	8
	Spring.....	2	2	...	1	1	...	1	1	...
Nursing.....	Year.....	34	...	34	30	...	30	4	...	4
	Summer.....	...	...	...	...	...	...	...	...	...
	Fall.....	34	...	34	30	...	30	4	...	4
	Spring.....	...	...	...	...	...	...	...	...	...
Pharmacy.....	Year.....	33	20	13	27	17	10	6	3	3
	Summer.....	1	...	1	1	...	1	...	...	...
	Fall.....	32	20	12	26	17	9	6	3	3
	Spring.....	...	...	...	...	...	...	...	...	...

*Only those freshmen who entered without having had previous education at the college level have been considered in this table.

FRESHMAN WITHDRAWALS FOR FALL, 1947, AND SPRING, 1948

University Group	Fall, 1947, Entrants									Spring, 1948, Entrants		
	Withdrawals During 1947 Fall			Withdrawals at the Close of 1947 Fall			Withdrawals During 1948 Spring			Withdrawals During 1948 Spring		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
∞ All freshmen	52	32	20	94	62	32	14	12	2	4	3	1
Arch. and Design.....	5	3	2	2	2	..	3	2	1	..	..	..
Dental Hygiene.....	..	..	..	1	..	1	..	..	..	..	..	..
Education.....	..	..	..	3	1	2	..	..	..	..	..	..
Engineering.....	7	7	..	23	23	..	5	5	..	1	1	..
Forestry and Cons.....	..	..	..	3	3	..	..	..	..	..	..	..
Lit., Sci., and Arts.....	37	20	17	51	29	22	5	4	1	3	2	1
Music.....	2	1	1	3	2	1	1	1	..	..	..	..
Nursing.....	..	..	..	6	..	6	..	..	..	..	..	..
Pharmacy.....	1	1	..	2	2	..	..	..	..	..	..	..

GRADE POINT AVERAGE EARNED BY 1947 FALL FRESHMEN
DURING 1947, FALL

School or College	Grade Point Average						
	All Freshmen	Freshman Men			Freshman Women		
		Total	Vet.	Nonvet.	Total	Vet.	Nonvet.
Total . . .	2.42	2.40	2.32	2.42	2.45	2.24	2.45
Architecture and Design	2.33	2.32	2.19	2.35	2.35	....	2.35
Dental Hygiene . .	2.54	....	....	....	2.54	2.55	2.54
Education . . .	2.24	2.09	2.05	2.10	2.42	....	2.42
Engineering . . .	2.40	2.40	2.43	2.39	1.97	....	1.97
Forestry and Cons.	2.33	2.33	2.46	2.29	....	....	....
Lit., Sci., and Arts.	2.44	2.41	2.22	2.44	2.47	2.13	2.48
Music	2.66	2.66	2.19	2.70	2.65	....	2.65
Nursing	2.21	....	....	....	2.21	....	2.21
Pharmacy	2.13	2.11	2.14	2.09	2.17	....	2.17

GRADE POINT AVERAGE EARNED BY 1947 FALL FRESHMEN
DURING 1948, SPRING

School or College	Grade Point Average						
	All Freshmen	Freshman Men			Freshman Women		
		Total	Vet.	Nonvet.	Total	Vet.	Nonvet.
Total . . .	2.49	2.52	2.48	2.53	2.44	2.47	2.44
Architecture and Design	2.36	2.36	2.36	2.37	2.35	....	2.35
Dental Hygiene . .	2.26	....	....	....	2.26	1.69	2.33
Education . . .	2.38	2.24	2.21	2.25	2.56	....	2.56
Engineering . . .	2.53	2.53	2.59	2.51	2.26	....	2.26
Forestry and Cons.	2.50	2.50	2.85	2.39	....	....	....
Lit., Sci., and Arts.	2.50	2.53	2.36	2.56	2.46	2.75	2.46
Music	2.63	2.69	1.60	2.73	2.59	....	2.59
Nursing	2.19	....	....	....	2.19	....	2.19
Pharmacy	2.28	2.31	2.53	2.19	2.22	....	2.22

Honor award.—The tenth 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 1947, from the high schools of the state of Michigan, the group from Creston High School of Grand Rapids by its combined record has received first honors for excellence in scholarship during the first semester of resident study.

In making this award the records of students entering throughout the calendar year, in February, June, and September, were considered. There were five students in the Creston High School group.

Number of students per Michigan secondary school.—Of the 611 accredited high schools in Michigan, 282 were represented by the 1,363 freshmen who entered from Michigan in September, 1947. Schools represented by only 1 student numbered 109, and each of 51 schools was represented by only 2 students. The high schools represented by the largest number of students were as follows: Ann Arbor High School, 69 students; Central High School, Detroit, 53 students; Grosse Pointe High School, 44 students; Redford High School, Detroit, 37 students; Thomas M. Cooley High School, Detroit, 34 students; and Cass Technical High School, Detroit, 32 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 only a small number enter in February and an exceedingly small number in June, reports are not sent for these students but are furnished on request. The practice of writing congratulatory letters to principals whose high schools were represented by unusually good delegations has been 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, has been continued.

Honors Convocation.—The twenty-fifth annual Honors Convocation was the occasion of the address given by Laurence McKinley Gould, president of Carleton College, at Hill Auditorium on April 23, 1948. Formerly, a certain section of seats was reserved for honor students and another for their parents. This year the innovation of having the students and their families sit together in one reserved section was more satisfactory. The work of collecting and preparing copy for the program, arranging for the exercises, and issuing invitations to students and parents was done by the Registrar as secretary of the Committee on Honors Convocation.

The 1,018 honor students were grouped as follows:

	Men	Women	Total
Undergraduate students—at least half "A" and half "B" average			
Seniors.....	181	64	245
Juniors.....	90	34	124
Sophomores.....	124	41	165
Freshmen.....	103	57	160
Graduate students—outstanding achievement in special fields.....	200	33	233
Special awards.....	111	24	135
Total citations.....	809	253	1,062
Duplicates*.....	38	6	44
Total students honored.....	771	247	1,018

*Three men with three entries in the program have been counted twice.

Principal-Freshman Conference.—On the morning of November 13, 1947, approximately 1,400 students who entered the University for the first time in the fall of 1947 reported at the Rackham Building for scheduled interviews with their former high-school principals and junior-college deans. They represented 117 Michigan high schools, two in Illinois, two in Indiana, four in Ohio, and eight Michigan junior colleges. At noon the 240 out-of-town school representatives met for lunch at the Michigan League with University officers and members of the staff whose duties during the year bring them in contact with first-year students. Professor Harley H. Bartlett spoke on "Postwar Status of Higher Education in the Philippines."

Although the date of the meeting coincided with the midsemester period, no embarrassment was experienced this year in conflicts of student interviews and blue books. In September a letter was sent to each department head requesting that no freshman blue books be announced for the morning of November 13. This was supplemented later by similar requests in the *Daily*. The department heads and freshman instructors co-operated 100 per cent.

This was the nineteenth annual Principal-Freshman Conference sponsored by the Registrar's Office. As in previous years the principals were furnished with five weeks progress reports of grades and results of Orientation Period tests. The school representatives and the students show a real interest in the interviews. The comments of members of high-school and University faculties leave no doubt as to the value of these annual meetings: (1) to the schools in preparing future University students; (2) to the students in discussing problems confronting them at the beginning of their college work; and (3) to the University in learning about and rectifying freshmen difficulties.

A few weeks after the meeting the following suggestion was received from one of the principals: "It is the considered opinion of our teachers that the interviews with the freshmen after but six weeks on campus are not as valuable to the school or to the freshmen enrolled in the University as they would be after perhaps a semester. . . Our teachers, therefore, suggested that I call these observations to your attention, and respectfully suggest that the University take under advisement the suggestion that the freshman conferences be conducted after the first semester marks are out."

A copy of this letter was sent to each school represented at the 1947 meeting with the request that suggestions be made in the light of this recommendation. The reaction of most of those who replied was that, although it was not possible to evaluate the student's high-school preparation in terms of their University performance until the first semester marks were available, the primary purpose of the conference would be lost by delaying it until the close of the first semester. As one principal expressed it; "Our first aim is to encourage and advise our students. We also learn from them where we can readjust our college preparatory course to better meet the needs of prospective students. In short, the conference now comes at the time of their greatest readjustment, and we think that is where it belongs."

The following came from a principal who during the war years that the conference was discontinued made a special trip to Ann Arbor in the fall to confer with his former students: "The teachers are in many instances definite cures for bad cases of homesickness. The encouragement that a former teacher can give to a freshman student who may not be getting along as well as he should be and the counsel that can be given in a brief conference with this former high-school boy or girl is such that I know definitely from experience it has been the saving of many unhappy days at the University as well as the difference between success and failure in some of the subjects that the students were pursuing."

Another letter ended with the statement: "Some of these cases I sincerely believe would have become first semester casualties if we had not counseled with them early."

RECORDS DIVISION

The work of this division included the keeping of all the academic records for the following six units on the campus as well as for the Extension Service (including Correspondence Study), 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. Hereafter in this report, unless otherwise specified, it is to be understood that the work done is for these units.

Summer session.—The fiscal year began in the early part of the summer session when this division was just opening the records for the summer session students. In addition to the regular record keeping, there were several other units of work which were accomplished during the summer. One of these was the mailing of the complete up-to-date copy of the academic record to each student, together with a booklet entitled *Directions for Registration and Classification*. Another project for the summer was a survey of students as to their intentions of returning to school in the fall. Reports from this survey were sent to the various deans and formed the basis of the estimates of the fall enrollment.

For the first time there was a post summer session, which necessitated a complete rehandling of the records of those enrolled from registration to the posting of grades and in some cases, to graduation.

Registration.—The registration of the entire student body of the University was held in Waterman and Barbour gymnasiums for the summer session and for each semester. Two and one-half days were allotted for the summer registration, and one extra day was set aside for the increased number registering for the semesters. Approximately 1,000 students were registered each hour. The registrations of this year were the largest in the history of the University, but plans were made accordingly, and there was little difficulty in handling the additional students. This was largely due to the fact that the alphabetical schedule was strictly adhered to, and the registration force increased somewhat. During the spring registration, which took place during winter weather, the use of an additional room in Waterman Gymnasium was procured which provided room for all students to wait under cover until they were due to enter the registration line.

The registration process consisted in a check of election and registration cards, a resident check to determine in and out-of-state fees, fee assessments, taking of identification pictures in the fall and their verification in the spring, a check on foreign students' visas, approval of resident addresses of every woman student, Health Service approval verification, check of veterans' certification, and payment of fees. This whole process took only about ten minutes of each student's time.

Classification.— All students in the College of Architecture and Design, the School of Business Administration, the School of Education, the Graduate School, the College of Literature, Science, and the Arts, the School of Music, and the School of Public Health classified in Waterman Gymnasium immediately after registration. Classification consisted in the checking of fee payments, acceptance of class cards, the placement of students in classes and sections, and the final collection of academic election and veterans' election cards.

More than 500 students were able to complete classification each hour. This was made possible only through the fine co-operation of the faculty representatives from each department and school who accepted students into the various classes and sections.

Transition and organization.—During the registration and classification period, all registration and election cards were put into alphabetical order. Thus, immediately after registration these cards were delivered to the proper offices about the campus and were in order, ready for use. The cards delivered to the Records Division were double-checked with the files. Records for new students were opened, and adjustments of the records were made. A check was made for "illegal entries," such as entry without health examination or without payment of loans, and the proper authorities were notified concerning the few cases discovered.

Early in each semester a count was made of the number of students in each of the fields of concentration in the College of Literature, Science, and the Arts. The students who are eligible to concentrate were those who had completed sixty hours of work with a total scholastic average of C and also who had satisfied the English composition, foreign language, and group requirements. This division of the records was done immediately after the posting of grades for the previous semester.

The following table gives the number of students in the College of Literature, Science, and the Arts concentrating in the various fields in the year 1947-48 and the number of graduates by fields of concentration from July 1, 1947, to June 30, 1948.

STUDENTS CONCENTRATING IN THE VARIOUS FIELDS IN THE COLLEGE OF LITERATURE,
SCIENCE, AND THE ARTS, 1947-48

NUMBER OF GRADUATES BY FIELDS FROM JULY 1, 1947, THROUGH JUNE 30, 1948

Field of Concentration	First Semester, 1947-48				Second Semester, 1947-48				Number of Graduates		
	Juniors	Seniors	Total	Change from Previous Semesters	Juniors	Seniors	Total	Change from Previous Semester	Men	Women	Change from Previous Year
Anthropology.....	11	16	27	11	5	16	21	-6	3	12	11
Astronomy.....	2	1	3	1	1	2	3	...	1	...	1
Botany.....	5	12	17	7	7	13	20	2	6	4	4
Chemistry.....	63	91	154	-18	40	106	146	-8	82	26	33
Economics.....	65	132	197	21	64	136	200	3	111	36	42
English.....	127	158	285	21	113	168	281	-4	70	103	28
Fine Arts.....	...	8	8	-5	1	7	8	...	...	8	4
French.....	8	21	29	...	8	19	27	-2	4	20	2
Geography.....	12	30	42	-10	11	29	40	-2	13	23	9
Geology.....	11	28	39	-9	5	31	36	-3	27	8	1
German.....	13	9	22	11	12	16	28	+6	3	7	-1
Greek.....	...	1	1	...	...	1	1	...	1	...	1
History.....	67	95	162	-1	56	113	197	35	62	40	-11
Journalism.....	37	54	91	14	35	58	93	2	39	21	27
Latin.....	2	6	8	5	2	3	5	-3	1	5	3
Latin-American Studies.....	...	2	2	...	1	2	3	1	...	2	2
Letters and Business Admin.....	2	6	8	-1	2	8	10	2	6	...	3
Letters and Dentistry.....	...	...	...	-1	...	...	...	...	...	...	-1
Letters and Forestry.....	...	...	...	...	...	...	...	...	...	...	...
Letters and Law.....	20	41	61	-5	24	49	73	12	37	3	13
Letters and Medicine.....	...	20	20	3	...	19	19	-1	20	3	-1
Letters and Nursing.....	...	...	...	...	...	1	1	1	...	...	-1

STUDENTS CONCENTRATING IN THE VARIOUS FIELDS (CONT.)

Field of Concentration	First Semester, 1947-48				Second Semester, 1947-48				Number of Graduates		
	Juniors	Seniors	Total	Change from Previous Semesters	Juniors	Seniors	Total	Change from Previous Semester	Men	Women	Change from Previous Year
Library Science.....	...	29	29	-13	...	37	37	8	12	31	-4
Mathematics.....	11	37	48	-16	9	38	47	-1	34	10	-1
Medical Technology.....	4	4	8	4	5	3	8	...	...	4	...
Mineralogy.....	...	1	1	-1	...	1	1	...	...	1	...
Music.....	...	7	7	-3	1	6	7	...	3	4	2
Old Plan.....	...	2	2	-2	...	3	3	1	5	1	1
Oriental Civilizations.....	4	3	7	3	4	3	7	...	1	2	-2
Oriental Languages and Literatures.....	...	5	5	-6	...	6	6	1	17	...	-13
Philosophy.....	7	8	15	...	6	5	11	-4	7	2	3
Physics.....	10	21	31	...	4	22	26	-5	20	1	-1
Political Science.....	47	93	140	-39	43	99	142	2	73	41	8
Psychology.....	60	92	152	2	59	109	168	16	54	43	18
Religion and Ethics.....	5	1	6	4	3	2	5	-1	1	...	1
Russian Language and Literature.....	10	2	12	3	2	7	9	-3	2	...	-4
Science and Mathematics.....	9	35	44	-3	3	38	41	-3	44	9	19
Social Studies.....	7	11	18	-2	10	7	17	-1	4	8	-1
Social Work.....	18	29	47	-6	23	25	48	1	6	27	3
Sociology.....	34	27	61	-20	39	34	73	12	8	24	-31
Spanish.....	31	55	86	-9	27	49	76	-10	4	55	5
Speech.....	65	81	146	2	53	87	140	-6	30	58	13
Urban and Rural Community.....	...	1	1	...	1	...	1	...	...	1	-1
Zoology.....	120	116	236	21	87	143	230	-6	79	35	14
Honors in Liberal Arts.....	11	7	18	10	6	8	14	-4	3	4	7
Not formally admitted to a field..	246	108	354	-103	253	157	410	56	...	...	...
Field waived.....	...	39	39	-21	...	27	27	-12	104	...	-3
Total.....	1,144	1,545	2,689	-151	1,025	1,713	2,738	85	997	682	202

A large part of each semester's work was the hand posting of the elections to the permanent records. This was not only tedious work, but also the records could not be uniform in printing due to changes in personnel and student classification. It is hoped that mechanical posting can be instituted which will improve permanent record keeping.

When the posting of the elections to the permanent records was completed, the records were then carefully checked for repetition, sequence, and the completion of provisional courses. Requirements in the three basic groups of subjects were checked each semester and the progress toward completion posted on all records of the students in the College of Literature, Science, and the Arts and in the School of Education. The records were so coded that at grade-posting time the group completions could be determined promptly and brought completely up to date.

During the second semester, the records of all students were studied to determine which students would be qualified for the Honors List. To be included, the student had to show an average of at least half way between A and B on all credits earned in residence on the campus, a prescribed minimum of hours taken on the campus, and a certain number of hours taken in the last units attended. This list was used as the roster for the Honors Convocation which was held on April 23, 1948, and by the various honor societies as a basis for the selection of the students to be invited into membership.

One of the members of the staff was assigned to the job of checking all office procedures and revising the old manual of procedure. This was completed in time for use during most of the second semester. The new manual was well received at the annual conference of the American Association of Collegiate Registrars, and copies have been furnished institutions upon request.

Three members of the staff were senior checkers. They not only carried out the regular processes of record keeping done in the office, but also checked all of the senior records of the College of Literature, Science, and the Arts, the School of Education, the School of Music, and the School of Public Health for graduation requirements. Deficiencies noted were called to the attention of the students in personal interviews, making it possible for many of them to rearrange their programs in time to complete all graduation requirements. A tentative list of candidates for graduation was prepared for all the centralized units and was distributed during the sixth week of each semester for the use of the diploma clerk and student body. After the final grades were posted, the records were checked for completion of graduation requirements, and those eligible for graduation with distinction were noted. Departmental honors were posted, and the final list prepared for the several deans to be forwarded to the Board of Regents for granting of degrees.

Transcripts.—The number of transcripts issued and the amount of fees received each month for the year begun July 1, 1947, and ended June 30, 1948, follow:

Month	Transcripts	Amount Received	Month	Transcripts	Amount Received
July.....	1,591	\$174.50	January.....	2,321 †	\$281.00
August.....	6,806*	199.00	February....	9,341 †	334.50
September..	1,608	160.50	March.....	1,619	239.00
October....	1,244	202.00	April.....	1,174	204.50
November..	2,729 †	254.00	May.....	1,046	168.00
December..	1,001	274.00	June.....	23,300*	235.50
Total number of transcripts.....				53,780	
Total amount received.....				\$2,726.50	

*Includes blueprints for students, small schools, and departments.

†Includes blueprints for concentration advisers.

‡Includes blueprints for small schools and departments.

STATISTICAL SERVICE

ENROLLMENT

1947-48.—New high records for enrollments in degree and postgraduate professional programs were established at the University of Michigan in 1947-48, by both resident and extramural students. During the same period, the number of students enrolled for noncredit programs was greater than the number enrolled the previous year. (1) The 27,134 resident students in degree or postgraduate professional programs represented a gain of 7.0 per cent over the previous record, made in 1946-47. (2) The 5,568 students enrolled in extension credit classes or extramural postgraduate programs in medicine exceeded the 1946-47 record for the group of 5.1 per cent. (3) The 12,537 students registered in extension noncredit courses represented a decrease of 21.4 per cent from the 1945-46 previous record. The total students in these three groups, after deduction for those registered in more than one group, shows that 44,844 different individuals attended courses or enrolled for postgraduate programs during the year 1947-48. This is an increase of 8 per cent over the previous record, established in 1945-46, and a gain of 67.8 per cent over the number enrolled in credit and noncredit courses in 1939-40.

Summer-fall-spring enrollment.—It is evident that the University is now in a period of expanding enrollment at a level considerably higher than that for prewar years. The registrations in the 1947 summer session, the first semester, and the second semester show clearly that at all periods of the year, outstanding increases in student enrollments are still being experienced. The

record 1947 summer session enrollment shows a gain of 10.1 per cent above the 1946 previous high and an increase of 88.3 per cent over the 1939 prewar registration. The 1947 fall record registration of 20,915 is an increase of 9.1 per cent over that for 1946 and a gain of 72.4 per cent over fall registration in 1939. The 1948 spring record registration of 19,946 is an increase of 3.7 per cent over the preceding spring and a gain of 72.2 per cent over the 1940 spring registration. The number of students here in the fall exceeded the number for the spring, after an abnormal period of two years immediately following the war when the spring registration was higher than that for the preceding fall.

After deduction for students registered in more than one period and those enrolled in short postgraduate programs, 26,481 students were enrolled in resident degree or postgraduate professional programs during 1947-48. This is a gain of 6.5 per cent over the previous record, established in 1946-47, for this group. Male students represented 71.8 per cent of the 26,481 compared with 67.5 per cent enrolled in 1939-40 and 69.4 per cent in 1929-30.

Comparisons with national figures are somewhat difficult to make because of the wide differences in the composition of student registration reports for institutions being studied. President Raymond Walters, of the University of Cincinnati, in his annual report for fall enrollments published in *School and Society*, gives full-time enrollment figures for fall, 1946, and fall, 1947. From this report, fifteen publicly controlled institutions having enrollments of 9,500 or over showed a gain for the fall of 1947 of 6.7 per cent.* This compares with a University of Michigan increase of 9.1 per cent.

Extension and extramural enrollment.—Off-campus enrollments of the University of Michigan students continued to increase. During 1947-48, there were 4,428 students enrolled in extension credit courses and 1,140 in extramural postgraduate programs in medicine. In addition to those enrolled in credit programs, popular demand for certain noncredit courses brought registrations in that field of service to a total of 12,537 students. Although the University functions primarily to serve the resident student, it is apparent from these large off-campus enrollments that the extramural credit and noncredit programs also meet a real need. Through them it is possible to extend the University service to all people of the state. It is a means of satisfying the demand of the high-school student who needs to supplement his credits before continuing his education and of the adult who is unable to participate in resident programs and wishes to continue his training.

Veteran enrollment.—From the time the first returned G.I. enrolled at the University of Michigan through the spring of 1948, a total of 21,548 vet-

*These institutions were: Universities of California, Illinois, Minnesota, Wisconsin, Texas, Washington, Missouri, Oklahoma, Nebraska, State University of Iowa, Ohio State University, Indiana University, College of the City of New York, Louisiana State University, and Michigan State College.

erans has been served by the University in credit level programs. Of these, 19,782 enrolled in resident credit programs; 400 of these enrolled for extramural instruction in addition; and 1,766 registered in extension credit work only. Of the 21,548 total, 13,910 (65 per cent) were Michigan residents, and most of the other veterans had been Michigan students before or during the war. In both the 1947 resident summer program and the 1947 first semester, there were more veterans on campus than in a similar period the preceding year. By fall, it was apparent that, while the total enrollment increased, the proportion that the veterans formed of this total was decreasing (from 59.0 per cent in 1946 to 56.7 per cent in 1947). In the spring of 1948, there were fewer veterans enrolled than there were the preceding spring. The decrease in the veteran proportion of the total enrollment was still more apparent than it had been in the fall (from 59.7 per cent in 1947 to 56.4 per cent in 1948).

The national report of veterans enrolled at institutions of higher learning, according to the Walters report, shows that, for fifty-three publicly supported universities, the 1947 veteran enrollment was 2.5 per cent higher than for the preceding fall. This compares with University of Michigan experience of a gain of 4.9 per cent.

Many of the veterans, although still enrolled, have exhausted their educational benefits. Many veterans are completing their programs. At the same time, the proportion that the veterans form of the total freshman admissions is rapidly decreasing. The peak for the number of veterans enrolled in the institutions of higher education has been reached, and we may expect continuing decline in their number. It is also evident that while the veteran enrollments are decreasing, the nonveteran registrations are mounting. This nonveteran increase is attributable to two or three factors. Michigan is one of the states that has been showing a steady population growth. Even in the years in the twenties and thirties, when birth rates generally were declining, there was, because of growing populations in Michigan, a developing potential for college enrollments in the late forties. The recent increase in birth rates combined with growing Michigan population, because of migration from other states, produces an even higher college enrollment potential for the late fifties and sixties. For example, the birth rate has jumped from 16.2 per cent in 1933 to 26.4 per cent in 1947. In the number of births, the figure is even more indicative of the prospects for college enrollment in Michigan. In 1933 there were 80,482 births; in 1947 the number was approximately double, or 160,275.

Another factor playing an important part in the nonveteran gain is the increased interest in higher education, among both veterans and nonveterans, stimulated by the educational opportunities offered the veteran upon his return and by the work of the secondary schools. It appears that, for at least

the next few years, the University must be prepared for a slightly higher enrollment than that experienced in 1947-48.

Geographical location.—During the year 1947-48, Michigan residents constituted 22,214 (68.8 per cent) of the 32,307 students enrolled in resident and extramural credit or professional programs. During the regular session of the first and second semesters, the seven counties adjoining Washtenaw sent 6,647 (43.6 per cent) of the 15,246 resident students from Michigan. The ratio of the 1940 population of these counties to the total Michigan population was 50 per cent, according to the census of that date.

Of the 31.2 per cent non-Michigan enrollees, there were 11.6 per cent registered from states other than Michigan in the North Central region of the United States, 9.8 per cent registered from the North Atlantic area, 2.3 per cent from the South Atlantic section, 2.1 per cent from the South Central states, and 1.6 per cent from the western area. Every state in the Union was represented.

During the year 1947-48, 1,212 students registered from outside continental United States, compared with 877 the year before. Contributing to this 335 (38.2 per cent) increase, were 98 more students registered from China, 53 more from Venezuela, 36 more from Canada, 29 more from India, 26 more from Hawaii, 21 more from Colombia, and 15 more from Mexico. Brazil, with 16 fewer students than last year, was the only country showing a decrease of more than 10 students from the 1946-47 figure. The enrollment of students from the Philippine Islands increased to 37 from 32 the preceding year. This was particularly interesting because this is the first report since Philippine independence was established.

Enrollment by classes.—National figures indicate that the veterans who entered college in 1946 advanced to upper classes in a measure surpassing normal academic persistence. At the same time, a marked decrease in the number of freshmen admitted was evident. University of Michigan students followed this same pattern. In the fall of 1947, 14,241 (68.1 per cent) of the students enrolled at the University were registered for undergraduate work in undergraduate units. Of this number, 51.1 per cent were enrolled at the freshman and sophomore level. Experience for the preceding year shows 13,472 (70.3 per cent) in the undergraduate programs; and 59.0 per cent of this number registered at the freshman or sophomore level.

Enrollment tables.—Complete enrollment tables appear on pages 200-233 of this report. The summary includes both credit and noncredit registrations. The remaining tables deal with credit level enrollments only.

DEGREES CONFERRED

1947-48.—The present student population is remaining in college to gain its objective. The greatest number of degrees ever awarded by the Uni-

iversity were conferred during 1947-48, when 5,801 students were graduated. This is an increase of 27.3 per cent over the 1946-47 figure and a gain of 72.0 per cent over the number of degrees granted in 1939-40. Of the 5,801 degrees conferred, 3,232 (55.7 per cent) were bachelor's degrees granted in undergraduate units. Examination of the degree records for the past two decades shows that well over 50 per cent of the degrees awarded are at the bachelor's level. The ratio of total degrees granted to total students enrolled in degree or postgraduate professional programs has increased steadily. It reached 21.9 per cent in 1947-48, meaning that approximately one out of every five students enrolled during the year received a degree. This is the highest ratio for the past fourteen years.

ACADEMIC SUCCESS IN UNDERGRADUATE SCHOOLS AND COLLEGES

A record high average for the past ten years was earned during 1947-48 by men with 2.55 and women with 2.65. Averages were computed upon the scale A-4 points per hour of credit, B-3 points, C-2 points, D-1 point, E-0 points, and incompletes disregarded. This places the average half way between C and B and well above that required for graduation.

Among the general groups, students housed in men's co-operative residences placed first, with an average of 2.72. Among the upperclass residence hall groups, the top scholastic position was gained by the Mary Markley House residents, with an average of 2.89. Adams House residents with 2.70 were high for the men's residence halls.

Kappa Nu undergraduate members earned an average of 2.80 to win top honors among the fraternities.

Gamma Phi Beta sorority members, with 2.86, reached the highest average achieved by any sorority during the past ten-year period and placed in the top position among the sororities for the second successive year.

Independent women honored for outstanding scholarship during the year 1947-48 were: freshmen, Sylvia Folz and Alice Ann Shannon (averages tied at 3.9); sophomores, Nancy Ann Symons and Nina Kessler (averages tied at 4.0); junior, Patricia Ann O'Connor (average 4.0).

The table on page 233 shows the academic success achieved by members of the various undergraduate student groups during the past two-year period.

ENROLLMENT REPORT BASIS

The usual procedures were followed in reporting the number of students registered at the University of Michigan during 1947-48. The year includes the 1947 summer session, the 1947-48 first semester, and the 1947-48 second semester.

In the summary, enrollments have been divided into groups as follows:

- I-A Includes students registered in degree or postgraduate professional resident credit level programs. The postgraduate registrations are in programs designed to acquaint practicing physicians, dentists, and hospital workers with the latest development in their fields. Although a degree is not the objective for this group, the instructional level is postgraduate.
- I-B Includes students registered in postgraduate professional programs of fewer than four weeks in the summer session and fewer than eight weeks during either semester. These are also credit level programs but are for shorter periods than those registered in Group I-A.
- II-A1 Includes students registered for extension credit courses by classroom instruction. Although extension students do not enroll in the schools and colleges, they have been grouped according to University units from which instructors offering courses have been drawn.
- II-A2 Includes students registered for extension credit courses through correspondence work. All correspondence extension students actively enrolled during 1947-48 have been included though their actual registration may predate July 1, 1947.
- II-B Includes students registered for extramural postgraduate programs of short duration but of instructional level higher than that of first degree programs.
- III-A1 Includes students enrolled in noncredit classroom courses, offered because of popular demand and the apparent need for the service.
- III-A2 Includes students enrolled in the same type of programs as those in III-A1 who receive instruction through correspondence.

Extramural noncredit students in III are counted in the summary only. All other groups mentioned in the summary are included in the tables on geographical distribution of students, since they represent a service of instruction at university credit level to the people of the state, the nation, and areas outside continental United States. Geographical distributions are made according to the home address given by each student on his registration card.

In all tables except the geographic, students in I-B and II-B have been omitted because registrations in these groups are for a comparatively short period, and the University recognizes that they are not comparable to enrollments in courses of regulation length. 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.

TABLE I
1947-48
ENROLLMENT SUMMARY

University Group	Total			Veteran			Nonveteran		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
I. Students in resident credit programs:									
A. Degree or postgraduate professional programs	26,481	19,009	7,472	14,173	13,768	405	12,308	5,241	7,067
B. Shorter postgraduate programs									
1. Dentistry	157	149	8	59	59	...	98	90	8
2. Medicine	481	464	17	219	219	...	262	245	17
3. Hospital training	18	.....	18	.....	.....	...	18	.....	18
Net total*	27,134	19,620	7,514	14,449	14,044	405	12,685	5,576	7,109
II. Students in extramural credit or professional programs:									
A. Extension									
1. Class	3,585	1,357	2,228	699	635	64	2,886	722	2,164
2. Correspondence	863	582	281	197	185	12	666	397	269
B. Postgraduate professional									
1. Medicine	1,140	1,111	29	449	448	1	691	663	28
Net total*	5,568	3,036	2,532	1,342	1,265	77	4,226	1,771	2,455
Net total credit and professional programs*	32,307	22,404	9,903	15,608	15,136	472	16,699	7,268	9,431
III. Students in extramural noncredit programs:									
A. Extension									
1. Class	12,380	6,609	5,771	1,297	1,232	65	11,083	5,377	5,706
2. Correspondence	157	116	41	38	35	3	119	81	38
Net total noncredit programs	12,537	6,725	5,812	1,335	1,267	68	11,202	5,458	5,744
Students enrolled in University instructional programs	44,844	29,129	15,715	16,943	16,403	540	27,901	12,726	15,175

*Deduction has been made for students registered in more than one program.

TABLE II
1947-48
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS*

1 Student Group		2 1947 Summer Session			3 First Semester			4 Second Semester		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Entire University	Net total†	10,531	7,745	2,786	20,915	15,593	5,322	19,946	14,915	5,031
	Veteran	6,361	6,183	178	11,859	11,548	311	11,256	10,960	296
	Nonvet.	4,170	1,562	2,608	9,056	4,045	5,011	8,690	3,955	4,735
Arch. and Design	Total	214	180	34	708	539	169	666	521	145
	Veteran	163	159	4	439	424	15	426	415	11
	Nonvet.	51	21	30	269	115	154	240	106	134
Business Administration	Total	497	485	12	1,095	1,020	75	1,063	983	80
	Veteran	463	457	6	927	917	10	890	881	9
	Nonvet.	34	28	6	168	103	65	173	102	71
Dentistry	Net total	51	50	1	406	334	72	365	301	64
	Veteran	40	40	.....	255	249	6	233	227	6
	Nonvet.	11	10	1	151	85	66	132	74	58
D.D.S. candidates	Veteran	37	37	.....	210	210	.....	178	178	.....
	Nonvet.	11	10	1	57	50	7	39	35	4
	Veteran . . . . .	.....	.....	.....	6	.....	6	6	.....	6
Hygienists	Nonvet. . . . .	.....	.....	.....	57	.....	57	54	.....	54
	Veteran	3	3	.....	39	39	.....	49	49	.....
	Nonvet. . . . .	.....	.....	.....	37	35	2	39	39	.....
Education	Total	149	64	85	361	146	215	377	149	228
	Veteran	68	64	4	126	120	6	128	122	6
	Nonvet.	81	.....	81	235	26	209	249	27	222

TABLE II (Cont.)
1947-48
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS*

1 Student Group		2 1947 Summer Session			3 First Semester			4 Second Semester		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Engineering.....	Total . . .	1,454	1,447	7	3,844	3,815	29	3,483	3,459	24
	Veteran ..	1,303	1,303	.....	2,956	2,955	1	2,679	2,678	1
	Nonvet. . .	151	144	7	888	860	28	804	781	23
Forestry and Conservation.	Total . . .	115	114	1	284	283	1	274	273	1
	Veteran ..	108	108	.....	232	232	.....	224	224	.....
	Nonvet. . .	7	6	1	52	51	1	50	49	1
Graduate.....	Total . . .	3,566	2,278	1,288	3,768	2,654	1,114	3,845	2,699	1,146
	Veteran ..	1,489	1,446	43	1,750	1,695	55	1,824	1,767	57
	Nonvet. . .	2,077	832	1,245	2,018	959	1,059	2,021	932	1,089
Law.....	Total . . .	660	655	5	1,107	1,080	27	1,008	984	24
	Veteran ..	624	623	1	1,006	1,004	2	922	920	2
	Nonvet. . .	36	32	4	101	76	25	86	64	22
Lit., Sci., and Arts.....	Total . . .	2,302	1,682	620	7,454	4,670	2,784	7,049	4,442	2,607
	Veteran ..	1,448	1,385	63	3,321	3,202	119	3,063	2,948	115
	Nonvet. . .	854	297	557	4,133	1,468	2,665	3,986	1,494	2,492
Medicine.....	Net total .	471	437	34	812	736	76	875	802	73
	Veteran ..	344	338	6	577	570	7	614	607	7
	Nonvet. . .	127	99	28	235	166	69	261	195	66
M.D. candidates.....	Veteran ..	111	110	1	323	322	1	320	319	1
	Nonvet. . .	65	46	19	154	91	63	153	91	62

Anesthetists.....	Veteran ..	5	.....	5	6	.....	6	6	.....	6	
	Nonvet. ...	5	.....	5	5	.....	5	4	.....	4	
Postgraduate: Graduate.....	Veteran ..	188	188	.....	169	169	.....	170	170	.....
	Nonvet. ...	22	20	.....	12	12	.....	8	8	.....
Postgraduate.....	Veteran ..	40	40	.....	79	79	.....	118	118	.....
	Nonvet. ...	35	33	.....	64	63	.....	96	96	.....
Music.....	Total	638	314	.....	324	495	.....	260	457	.....	236
	Veteran ..	228	221	.....	7	172	.....	164	8	.....	160
	Nonvet. ...	410	93	.....	317	323	.....	71	252	.....	297
Nursing.....	Total	212	.....	.....	212	278	.....	278	200	.....	200
	Veteran ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet. ...	212	.....	.....	212	278	.....	278	200	.....	200
Pharmacy.....	Total	80	65	.....	15	193	.....	148	45	.....	180
	Veteran ..	58	58	.....	.....	108	.....	108	.....	.....	106
	Nonvet. ...	22	7	.....	15	85	.....	40	45	.....	74
Public Health.....	Total	133	10	.....	123	212	.....	66	146	.....	211
	Veteran ..	48	4	.....	44	109	.....	27	82	.....	108
	Nonvet. ...	85	6	.....	79	103	.....	39	64	.....	103
Hospital Training.....	Total	30	.....	.....	30	50	.....	50	44	.....	44
	Veteran ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet. ...	30	.....	.....	30	50	.....	50	44	.....	44
Duplicates.....	Total	41	36	.....	5	152	.....	133	19	.....	151
	Veteran ..	23	23	.....	.....	119	.....	119	.....	.....	121
	Nonvet. ...	18	13	.....	5	33	.....	14	19	.....	30

*Part IA of the enrollment summary, Table I, indicates 26,481 students. This is the sum of columns 2, 3, 4, excluding duplicates.

†The net total for the entire University is the total for the schools and colleges less duplicate registrations.

TABLE III
1947-48
EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS*

1 Student Group		2 Extension Class and Correspondence			3 Extension Correspondence Only		
		Total	Men	Women	Total	Men	Women
Net total credit extension and extramural postgraduate†.....	Total	5,568	3,036	2,532	...	...	...
	Veteran ..	1,342	1,265	77	...	...	...
	Nonvet. . . .	4,226	1,771	2,455	...	...	...
Net total credit extension†.....	Total	4,428	1,925	2,503	863	582	281
	Veteran ..	893	817	76	197	185	12
	Nonvet. . . .	3,535	1,108	2,427	666	397	269
Net total extramural postgraduate.....	Total	1,140	1,111	29	...	...	...
	Veteran ..	449	448	1	...	...	...
	Nonvet. . . .	691	663	28	...	...	...
Credit extension Architecture and Design.....	Total	1	...	1	...	...	...
	Veteran ..	...	...	...	...	...	...
	Nonvet. . . .	1	...	1	...	...	...
Business Administration.....	Total	421	354	67	11	10	1
	Veteran ..	240	235	5	3	3	...
	Nonvet. . . .	181	119	62	8	7	1
Education.....	Total	700	108	592	14	6	8
	Veteran ..	39	34	5	1	1	...
	Nonvet. . . .	661	74	587	13	5	8

Engineering.....	Total . . .	137	132	5	39	38	1
	Veteran ..	66	65	1	15	15	...
	Nonvet. . .	71	67	4	24	23	1
Forestry and Conservation.....	Total . . .	17	17	.....	17	17	...
	Veteran ..	3	3	.....	3	3	...
	Nonvet. . .	14	14	.....	14	14	...
Graduate.....	Total . . .	313	104	209	...	...	...
	Veteran ..	36	33	3	...	...	...
	Nonvet. . .	277	71	206	...	...	...
Literature, Science, and the Arts.....	Total . . .	2,769	1,262	1,507	801	528	273
	Veteran ..	552	493	59	181	169	12
	Nonvet. . .	2,217	769	1,448	620	359	261
Music.....	Total . . .	134	34	100	...	...	...
	Veteran ..	19	14	5	...	...	...
	Nonvet. . .	115	20	95	...	...	...
Nursing.....	Total . . .	56	.....	56	.....	.....	.....
	Veteran ..	4	.....	4	.....	.....	.....
	Nonvet. . .	52	.....	52	.....	.....	.....
Public Health.....	Total . . .	75	20	55	...	...	...
	Veteran ..	12	8	4	...	...	...
	Nonvet. . .	63	12	51	...	...	...
Duplicates.....	Total . . .	195	106	89	19	17	2
	Veteran ..	78	68	10	6	6	...
	Nonvet. . .	117	38	79	13	11	2

*Part II of the enrollment summary, Table I, is the total of column 2.

†The net total for the entire University is the total for the schools and colleges less duplicate registrations.

TABLE IV
1947-48
RESIDENT AND EXTRAMURAL ENROLLMENT*

1 Student Group		2 Resident Students in Degree or Postgraduate Professional Programs						3 Resident and Extramural Students in Credit or Postgraduate Professional Programs		
		First and Second Semesters			Summer Session, First and Second Semesters			1947-48		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Entire University	Net total†	22,865	16,950	5,915	26,481	19,009	7,472	30,516	20,682	9,834
	Veteran ..	12,768	12,424	344	14,173	13,768	405	14,883	14,412	471
	Nonvet. . .	10,097	4,526	5,571	12,308	5,241	7,067	15,633	6,270	9,363
Arch. and Design.	Total . . .	771	596	175	806	615	191	806	615	191
	Veteran ..	485	469	16	502	485	17	502	485	17
	Nonvet. . .	286	127	159	304	130	174	304	130	174
Business Administration . . .	Total . . .	1,297	1,207	90	1,432	1,337	95	1,848	1,686	162
	Veteran ..	1,094	1,083	11	1,216	1,204	12	1,451	1,434	17
	Nonvet. . .	203	124	79	216	133	83	397	252	145
Dentistry.	Net total .	445	372	73	448	375	73	448	375	73
	Veteran ..	277	271	6	278	272	6	278	272	6
	Nonvet. . .	168	101	67	170	103	67	170	103	67
D.D.S. candidates.	Veteran ..	210	210	.....	211	211	.....	211	211	.....
	Nonvet. . .	58	51	7	60	53	7	60	53	7
	Veteran ..	6	.....	6	6	.....	6	6	.....	6
Hygienists.	Nonvet. . .	58	.....	58	58	.....	58	58	.....	58
	Veteran ..	61	61	.....	61	61	.....	61	61	.....
	Nonvet. . .	53	51	2	53	51	2	53	51	2

Education	Total	438	176	262	498	190	308	1,196	298	898
	Veteran ..	151	144	7	167	158	9	206	192	14
	Nonvet. . .	287	32	255	331	32	299	990	106	884
Engineering.....	Total	4,173	4,141	32	4,374	4,340	34	4,503	4,464	39
	Veteran ..	3,207	3,206	1	3,375	3,374	1	3,438	3,436	2
	Nonvet. . .	966	935	31	999	966	33	1,065	1,028	37
Forestry and Cons.....	Total	315	314	1	328	327	1	345	344	1
	Veteran ..	258	258	.....	270	270	.....	273	273	.....
	Nonvet. . .	57	56	1	58	57	1	72	71	1
Graduate.....	Total	4,679	3,202	1,477	6,541	4,193	2,348	6,780	4,265	2,515
	Veteran ..	2,120	2,051	69	2,731	2,638	93	2,755	2,661	94
	Nonvet. . .	2,559	1,151	1,408	3,810	1,555	2,255	4,025	1,604	2,421
Law.....	Total	1,113	1,086	27	1,233	1,202	31	1,233	1,202	31
	Veteran ..	1,011	1,009	2	1,112	1,110	2	1,112	1,110	2
	Nonvet. . .	102	77	25	121	92	29	121	92	29
Lit., Sci., and Arts.....	Total	8,167	5,173	2,994	8,923	5,671	3,252	11,590	6,865	4,725
	Veteran ..	3,625	3,493	132	3,976	3,828	148	4,468	4,263	205
	Nonvet. . .	4,542	1,680	2,862	4,947	1,843	3,104	7,122	2,602	4,520
Medicine.....	Net total .	933	857	76	1,121	1,024	97	1,121	1,024	97
	Veteran ..	653	646	7	757	749	8	757	749	8
	Nonvet. . .	280	211	69	364	275	89	364	275	89
M.D. candidates.....	Veteran ..	323	322	1	385	384	1	385	384	1
	Nonvet. . .	155	92	63	207	130	77	207	130	77
Anesthetists.....	Veteran ..	6	.....	6	7	.....	7	7	.....	7
	Nonvet. . .	5	.....	5	7	.....	7	7	.....	7
Postgraduate: Graduate.....	Veteran ..	197	197	.....	220	220	.....	220	220	.....
	Nonvet. . .	12	12	.....	22	20	2	22	20	2
Postgraduate.....	Veteran ..	127	127	.....	145	145	.....	145	145	.....
	Nonvet. . .	108	107	1	128	125	3	128	125	3
Music.....	Total	523	247	276	965	447	518	1,097	480	617
	Veteran ..	182	173	9	313	301	12	332	315	17
	Nonvet. . .	341	74	267	652	146	506	765	165	600

TABLE IV (Cont.)
1947-48
RESIDENT AND EXTRAMURAL ENROLLMENT*

1 Student Group		2 Resident Students in Degree or Postgraduate Professional Programs						3 Resident and Extramural Students in Credit or Postgraduate Professional Programs		
		First and Second Semesters			Summer Session, First and Second Semesters			1947-48		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Nursing.....	Total	292	.....	292	318	.....	318	371	.....	371
	Veteran . . . .	.....	.....	.....	.....	.....	.....	4	.....	4
	Nonvet. . . .	292	.....	292	318	.....	318	367	.....	367
Pharmacy.....	Total	207	159	48	215	164	51	215	164	51
	Veteran	116	116	.....	121	121	.....	121	121	.....
	Nonvet. . . .	91	43	48	94	43	51	94	43	51
Public Health.....	Total	250	80	170	341	88	253	415	108	307
	Veteran	124	34	90	143	37	106	155	45	110
	Nonvet. . . .	126	46	80	198	51	147	260	63	197
Hospital Training.....	Total	50	.....	50	72	.....	72	72	.....	72
	Veteran . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet. . . .	50	.....	50	72	.....	72	72	.....	72
Duplicates.....	Total	788	660	128	1,134	964	170	1,524	1,208	316
	Veteran	535	529	6	788	779	9	969	944	25
	Nonvet. . . .	253	131	122	346	185	161	555	264	291

*Part I-A of the enrollment summary, Table I, is the total of the second section of column 2. Parts I-A and II-A of the enrollment summary, Table I, after allowance has been made for double registrations, are the total of column 3.

†The net total for the entire University is the total for the schools and colleges less duplicate registrations.

TABLE V
1947-48
SINGLE TERM ENROLLMENT
RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS*

1 Student Group		2 1947 Summer Session Only			3 First Semester Only			4 Second Semester Only		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Entire University	Net total†	3,616	2,059	1,557	1,857	1,249	608	1,785	1,260	525
	Veteran ..	1,405	1,344	61	868	835	33	835	804	31
	Nonvet. . .	2,211	715	1,496	989	414	575	950	456	494
Architecture and Design . . .	Total . . .	35	19	16	86	58	28	63	57	6
	Veteran ..	17	16	1	44	39	5	46	45	1
	Nonvet. . .	18	3	15	42	19	23	17	12	5
Business Administration . . .	Total . . .	135	130	5	145	136	9	200	185	15
	Veteran ..	122	121	1	119	118	1	165	164	1
	Nonvet. . .	13	9	4	26	18	8	35	21	14
Dentistry	Net total .	3	3	.....	76	68	8	39	38	1
	Veteran ..	1	1	.....	41	41	.....	22	22	.....
	Nonvet. . .	2	2	.....	35	27	8	17	16	1
D.D.S. candidates	Veteran ..	1	1	.....	30	30	.....	.....	.....	.....
	Nonvet. . .	2	2	.....	17	15	2	1	1	.....
Hygienists	Veteran ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet. . .	.....	.....	.....	4	.....	4	1	.....	1
Postgraduate	Veteran ..	.....	.....	.....	11	11	.....	22	22	.....
	Nonvet. . .	.....	.....	.....	14	12	2	16	16	.....
Education	Total . . .	60	14	46	37	12	25	76	30	46
	Veteran ..	16	14	2	8	7	1	25	24	1
	Nonvet. . .	44	.....	44	29	5	24	51	6	45

TABLE V (Cont.)
 1947-48
 SINGLE TERM ENROLLMENT
 RESIDENT STUDENTS IN DEGREE AND POSTGRADUATE PROFESSIONAL PROGRAMS*

1 Student Group		2 1947 Summer Session Only			3 First Semester Only			4 Second Semester Only		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Engineering.....	Total . . .	201	199	2	455	450	5	318	315	3
	Veteran ..	168	168	.....	318	318	.....	241	241	.....
	Nonvet. . .	33	31	2	137	132	5	77	74	3
Forestry and Conservation.	Total . . .	13	13	.....	28	28	.....	31	31	.....
	Veteran ..	12	12	.....	22	22	.....	26	26	.....
	Nonvet. . .	1	1	.....	6	6	.....	5	5	.....
Graduate.....	Total . . .	1,862	991	871	500	267	233	799	485	314
	Veteran ..	611	587	24	154	145	9	327	313	14
	Nonvet. . .	1,251	404	847	346	122	224	472	172	300
Law.....	Total . . .	120	116	4	31	28	3	4	4	.....
	Veteran ..	101	101	.....	22	22	.....	3	3	.....
	Nonvet. . .	19	15	4	9	6	3	1	1	.....
Lit., Sci., and Arts.....	Total . . .	756	498	258	831	513	318	689	490	199
	Veteran ..	351	335	16	362	352	10	294	282	12
	Nonvet. . .	405	163	242	469	161	308	395	208	187
Medicine.....	Net total .	188	167	21	15	13	2	109	109	.....
	Veteran ..	104	103	1	7	7	.....	66	66	.....
	Nonvet. . .	84	64	20	8	6	2	43	43	.....
M.D. candidates.....	Veteran ..	62	62	.....	3	3	.....	.....	.....	.....
	Nonvet. . .	52	38	14	2	1	1	1	1	.....

Anesthetists.....	Veteran...	1	.....	1	.....	.....	.....	.....	.....	.....
	Nonvet...	2	.....	2	.....	.....	.....	.....	.....	.....
Postgraduate: Graduate.....	Veteran	23	23	.....	3	3	.....	21	21	.....
	Nonvet...	10	8	2	.....	.....	.....	.....	.....	.....
Postgraduate.....	Veteran	18	18	.....	1	1	.....	45	45	.....
	Nonvet...	20	18	2	6	5	1	42	42	.....
Music.....	Total....	442	200	242	42	15	27	24	11	13
	Veteran...	131	128	3	12	10	2	9	8	1
	Nonvet...	311	72	239	30	5	25	15	3	12
Nursing.....	Total....	26	.....	26	14	.....	14	14	.....	14
	Veteran...	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet...	26	.....	26	14	.....	14	14	.....	14
Pharmacy.....	Total....	8	5	3	23	15	8	14	11	3
	Veteran...	5	5	.....	7	7	.....	8	8	.....
	Nonvet...	3	.....	3	16	8	8	6	3	3
Public Health.....	Total....	91	8	83	26	7	19	37	14	23
	Veteran...	19	3	16	13	2	11	14	7	7
	Nonvet...	72	5	67	13	5	8	23	7	16
Hospital Training.....	Total....	22	.....	22	6	.....	6	.....	.....	.....
	Veteran...	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nonvet...	22	.....	22	6	.....	6	.....	.....	.....
Duplicates.....	Total....	346	304	42	458	361	97	632	520	112
	Veteran...	253	250	3	261	255	6	411	405	6
	Nonvet...	93	54	39	197	106	91	221	115	106

*Enrollment figures in Table V are included in Part I-A of the summary.

†The net total for the entire University is the total for the schools and colleges less duplicate registrations.

TABLE VI
1947-48
ENROLLMENT OF MICHIGAN AND NON-MICHIGAN STUDENTS

Student Group	Number of Students			Per Cent	
	Total	Michigan	Non-Michigan	Michigan	Non-Michigan
Resident and extramural students in credit and postgraduate professional programs	32,307	22,214	10,093	68.8	31.2
Resident students in degree and postgraduate professional programs:					
a) Net total first and second semesters	22,865	15,246	7,619	66.7	33.3
b) 1947 summer session	10,531	6,465	4,066	61.4	38.6
Extramural students in credit extension programs	4,428	4,109	319	92.8	7.2
Extramural students in postgraduate medicine and resident students in short postgraduate programs in medicine, dentistry, or hospital training	1,794	1,378	416	76.8	23.2

Resident and Extramural Students in Credit and Postgraduate Professional Programs	Students	Per Cent
Michigan	22,214	68.76
Other states	8,881	27.49
Far East	425	1.32
Latin America	411	1.27
Alaska and Canada	197	.61
Near East	76	.24
British Isles and Europe	68	.21
Africa	32	.10
Australia	3	.01
Total	32,307	100.01

TABLE VII

1947-48

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS*

1 Residence	2 Resident Enrollment in First and Second Semesters														3 Net Total, First and Second Semesters	4 1947 Summer Session	5 Credit Extension	6 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	7 Net Total, Students in Credit or Prof. Programs	
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy	Public Health						Hospital Training
Total students	771	1,297	445	438	4,173	315	4,679	1,113	8,167	933	523	292	207	250	50	22,865	10,531	4,428	1,794	32,307
Total U. S.	753	1,276	433	428	4,033	306	4,283	1,106	7,940	889	520	289	201	212	49	21,963	10,042	4,395	1,733	31,095
Total outside continental U.S.	18	21	12	10	140	9	396	7	227	44	3	3	6	38	1	902	489	33	61	1,212
United States: <i>North Atlantic.</i> <i>11.76 per cent†</i>	77	173	31	40	644	37	460	114	1,024	67	53	12	14	37	6	2,688	1,070	86	63	3,178
Connecticut	2	14	..	2	22	3	20	5	57	2	3	..	2	4	..	132	56	4	1	156
Maine . . . . .	..	..	1	..	3	..	6	3	5	1	1	1	..	1	..	21	9	1	..	23
Massachusetts	6	16	..	7	51	4	42	6	85	6	..	1	..	2	1	220	90	5	5	263
New Hampshire	2	3	..	..	1	1	11	5	6	..	2	..	..	1	..	32	17	..	..	38
New Jersey	11	19	2	3	79	4	42	11	119	7	9	4	..	1	..	299	103	12	3	335
New York	46	103	22	19	396	15	251	53	585	35	19	4	7	12	1	1,505	541	54	23	1,728
Pennsylvania	9	16	6	9	86	8	82	29	152	15	19	1	5	15	4	443	231	10	30	587
Rhode Island	1	1	..	..	2	..	4	1	9	..	..	1	..	..	..	19	15	..	..	28
Vermont . . . . .	..	1	..	..	4	2	2	1	6	1	..	..	..	1	..	17	8	..	..	20

TABLE VII (Cont.)

1947-48

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS*

1 Residence	2 Resident Enrollment in First and Second Semesters															3 Net Total, First and Second Semesters	4 1947 Summer Session	5 Credit Extension	6 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	7 Net Total, Students in Credit or Prof. Programs
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy	Public Health	Hospital Training					
South Atlantic. 1.91 per cent †	18	19	4	9	56	10	121	29	125	24	18	2	1	14	..	436	353	45	49	743
Delaware . . . . .	..	..	..	2	2	..	3	..	1	..	..	..	..	..	..	7	2	1	..	7
District of Col.	3	3	..	2	7	2	12	4	28	2	..	..	..	1	..	64	32	2	6	88
Florida	3	8	3	1	10	..	19	4	32	4	3	1	..	1	..	83	62	9	2	129
Georgia	2	3	..	..	4	..	9	2	5	..	..	..	3	..	29	31	5	2	55	
Maryland	5	2	..	2	12	1	12	4	21	2	2	1	..	3	..	65	29	9	2	86
North Carolina	1	..	..	1	..	2	11	..	3	3	4	..	..	1	..	26	60	5	3	82
South Carolina.	..	..	..	..	..	..	6	6	1	..	1	..	..	2	..	15	35	2	..	44
Virginia	2	3	..	1	9	2	28	1	16	2	3	..	..	1	..	65	61	12	6	123
West Virginia.	2	..	1	..	12	3	21	8	21	6	5	..	1	2	..	82	41	..	28	129
North Central. 79.17 per cent †	629	1,057	393	373	3,246	243	3,486	894	6,643	747	397	272	179	127	40	18,102	8,033	4,177	1,580	25,966
Illinois	17	55	3	12	132	37	76	86	277	11	20	6	4	16	..	737	375	20	24	915
Indiana	15	16	3	5	30	8	52	34	121	6	19	10	..	4	..	312	185	6	20	418

Iowa.....	2	6	..	..	7	2	15	23	21	4	9	2	1	2	2	95	82	4	5	151
Kansas.....	1	3	..	1	9	1	19	19	6	3	11	..	..	3	..	73	75	1	5	120
Michigan.....	543	886	381	321	2,769	124	3,074	528	5,740	633	298	225	167	66	34	15,246	6,465	4,109	1,378	22,214
Minnesota.....	3	1	..	2	9	..	16	6	13	9	4	..	..	..	..	61	56	2	6	97
Missouri.....	2	6	..	..	28	6	26	25	38	4	10	2	1	9	..	151	100	4	8	206
Nebraska.....	2	3	..	..	4	..	13	23	11	4	5	..	..	3	1	66	57	2	7	95
North Dakota.....	..	1	..	..	1	..	4	6	5	..	..	1	..	1	..	19	13	..	2	28
Ohio.....	26	60	6	27	222	28	165	131	366	64	20	21	6	14	2	1,121	517	18	106	1,433
South Dakota.....	3	5	..	..	5	2	5	4	8	..	1	..	..	..	..	32	17	2	..	39
Wisconsin.....	17	15	..	5	30	35	21	9	37	9	..	5	..	9	1	189	91	9	19	250
<i>South Central.</i> <i>1.63 per cent †</i>	13	13	1	5	35	10	123	33	65	27	35	2	5	10	1	372	392	24	29	676
Alabama.....	..	2	..	..	2	..	16	1	12	1	2	1	1	1	..	39	47	4	8	84
Arkansas.....	..	..	..	..	2	..	5	1	3	2	10	..	1	..	..	22	25	2	1	44
Kentucky.....	5	4	1	..	7	1	18	6	10	2	3	..	..	2	..	59	42	..	5	83
Louisiana.....	2	1	..	..	1	..	13	2	7	1	2	..	..	1	..	29	47	2	1	64
Mississippi.....	..	2	..	..	1	..	5	2	3	..	1	..	..	..	..	14	20	1	..	25
Oklahoma.....	1	..	..	..	7	1	15	9	4	2	10	..	1	3	1	54	56	2	1	95
Tennessee.....	4	1	..	4	4	6	21	7	10	3	6	1	2	..	..	68	52	4	7	109
Texas.....	1	3	..	1	11	2	30	5	16	16	1	..	..	3	..	87	103	9	6	172
<i>Western.....</i> <i>1.60 per cent †</i>	16	14	4	1	52	6	93	36	83	24	17	1	2	24	2	365	194	63	12	532
Arizona.....	..	..	..	..	5	..	1	1	2	..	..	1	..	..	..	10	6	1	..	14
California.....	3	7	..	..	26	2	38	9	34	8	7	..	1	11	..	142	76	50	5	234
Colorado.....	..	1	..	..	6	..	8	9	6	2	4	..	1	3	..	38	22	2	4	54
Idaho.....	..	1	..	..	3	..	3	1	6	2	1	..	..	2	1	19	7	..	1	23
Montana.....	5	1	..	..	2	1	6	3	7	1	1	..	..	..	..	27	15	2	..	36
Nevada.....	1	..	1	..	..	..	2	2	2	..	..	..	..	1	..	8	2	..	..	9
New Mexico.....	1	..	..	..	1	..	3	1	3	2	1	..	..	..	..	12	8	1	..	17
Oregon.....	3	3	..	..	2	2	14	1	3	1	1	..	..	..	..	30	16	..	..	40
Utah.....	3	..	2	..	1	..	6	3	3	2	..	..	..	3	..	21	16	3	..	32
Washington.....	..	..	..	1	6	..	8	5	10	6	1	..	..	4	1	42	17	4	1	54
Wyoming.....	..	1	1	..	..	1	4	1	7	..	1	..	..	..	..	16	9	..	1	19

TABLE VII (Cont.)

1947-48

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS*

Residence	Resident Enrollment in First and Second Semesters																			
	1	2	3	4	5	6	7													
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy	Public Health	Hospital Training	Net Total, First and Second Semesters	1947 Summer Session	Credit Extension	Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	Net Total, Students in Credit or Prof. Programs
Areas outside continental United States:	1	..	2	..	5	..	15	..	3	1	..	..	..	..	..	26	16	2	..	32
Africa.....†	1	..	2	..	5	..	15	..	3	1	..	..	..	..	..	26	16	2	..	32
Egypt.....	1	..	..	..	3	..	14	..	2	..	..	..	..	..	..	20	11	1	..	22
Morocco.....	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	1	1	..	..	1
Sierra Leone...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
South Africa ..	..	..	2	..	1	..	..	..	1	..	..	..	..	..	..	5	3	1	..	8
Australia.....	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	1	3
.01 per cent †	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
S. Australia....	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	2
W. Australia...	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1

Canada.....	3	3	2	4	15	2	37	..	28	7	..	3	..	..	..	102	55	24	38	191
.45 per cent †																				
Alberta.....	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	7	4	..	..	7
Br. Columbia..	..	..	1	..	..	..	5	..	..	..	..	..	..	..	..	6	2	..	..	6
Manitoba.....	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	3	2	..	..	4
New Brunswick	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	2	3
Nova Scotia...	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	..	1	3
Ontario.....	3	3	..	4	12	1	20	..	22	5	..	3	..	..	..	72	38	24	33	147
Quebec.....	..	..	..	..	..	..	4	..	2	1	..	..	..	..	..	7	7	..	2	15
Saskatchewan..	..	..	1	..	2	1	1	..	1	..	..	..	..	..	..	5	1	..	..	6
British Isles, Iceland, Europe, .21 per cent †	1	3	3	..	12	2	17	..	8	6	..	..	..	1	..	49	24	2	6	67
Belgium.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Denmark.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	2	..	..	3
England.....	..	..	1	..	..	..	2	..	1	..	..	..	..	..	..	4	1	1	3	9
Finland.....	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	..	..	2
France.....	..	..	..	..	3	2	1	..	1	1	..	..	..	..	..	7	2	..	..	8
Greece.....	..	1	2	..	2	..	1	..	2	3	..	..	..	..	..	8	6	..	..	8
Hungary.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1
Iceland.....	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	2	..	..	..	2
Italy.....	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	3	..	..	1	4
Netherlands...	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	3	3	..	..	4
Norway.....	..	..	..	..	6	..	2	..	..	..	..	..	..	..	..	8	3	1	..	9
Poland.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1
Portugal.....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	1
Rumania.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1
Spain.....	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	3	2	..	..	5
Sweden.....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	3
Switzerland...	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	3	..	..	1	4
Yugoslavia....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1

TABLE VII (Cont.)

1947-48

RESIDENT STUDENTS IN CREDIT PROGRAMS AND EXTRAMURAL STUDENTS IN CREDIT AND PROFESSIONAL PROGRAMS*

1 Residence	2 Resident Enrollment in First and Second Semesters														3 Net Total, First and Second Semesters	4 1947 Summer Session	5 Credit Extension	6 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	7 Net Total, Students in Credit or Prof. Programs	
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy	Public Health						Hospital Training
<i>Far East</i> <i>1.48 per cent</i> †	5	6	1	1	57	2	234	1	19	9	1	..	1	9	1	339	156	..	2	376
Burma . . . . .	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2	1	..	..	2
China	3	4	..	..	11	..	147	1	8	5	..	..	..	4	1	179	61	..	2	202
India . . . . .	..	1	..	..	33	2	70	..	3	3	..	..	..	..	..	110	73	..	..	123
Japan . . . . .	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	..	1
Korea . . . . .	..	..	..	..	..	..	2	..	..	..	1	..	..	2	..	5	1	..	..	5
Malaya . . . . .	..	..	..	..	1	..	..	..	1	..	..	..	..	2	..	2	..	..	..	2
Philippine Is.	2	1	..	1	12	..	11	..	5	1	..	..	1	3	..	36	18	..	..	37
Thailand . . . . .	..	..	1	..	..	..	1	..	2	..	..	..	..	..	..	4	1	..	..	4
<i>Latin America</i> <i>1.05 per cent</i> †	5	6	2	1	29	3	33	..	133	14	..	..	..	23	..	239	187	1	10	376
Argentina . . . . .	..	..	..	..	3	..	3	..	7	..	..	..	..	1	..	13	12	..	3	22
Bahama Islands . . . . .	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1
Bolivia . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	4	..	..	5
Brazil . . . . .	..	..	..	..	6	..	7	..	3	2	..	..	..	3	..	20	13	..	1	24
Canal Zone . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Chile . . . . .	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	3	3	..	..	6

Colombia.....	3	1	..	..	5	1	4	..	35	1	..	..	..	1	..	47	27	..	3	69
Costa Rica.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	3	..	..	4
Cuba.....	..	1	..	..	3	..	3	..	8	1	..	..	..	..	..	16	21	..	..	32
Dominican Rep.	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	2	3	..	..	4
Ecuador.....	1	..	..	..	..	1	..	..	..	..	..	..	..	1	..	3	7	..	..	8
Guatemala.....	..	..	..	..	3	..	..	..	3	..	..	..	..	2	..	8	2	..	..	9
Haiti.....	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	2
Honduras.....	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	2	3	..	..	4
Jamaica.....	..	..	..	..	..	..	1	..	1	2	..	..	..	2	..	6	1	..	..	7
Mexico.....	..	1	..	1	2	..	3	..	15	2	..	..	..	1	..	25	26	..	..	45
Nicaragua.....	..	..	..	..	3	..	1	..	4	..	..	..	..	1	..	8	2	..	..	9
Panama.....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	2
Paraguay.....	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	2	1	..	..	2
Peru.....	1	..	..	..	1	1	1	..	12	1	..	..	..	1	..	18	14	..	..	24
Salvador.....	..	..	..	..	..	..	..	..	3	..	..	..	..	1	..	4	3	..	1	1
Trinidad.....	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	3	..	..	..	3
Uruguay.....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..	..	4
Venezuela.....	..	2	2	..	1	..	7	..	34	3	..	..	..	4	..	51	38	..	1	80
<i>Near East</i>	1	..	2	2	15	..	41	..	15	1	1	..	..	1	..	73	25	..	..	77
<i>.32 per cent †</i>																				
Cyprus.....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1
Iran.....	..	..	..	..	1	..	4	..	3	..	1	..	..	1	..	9	3	..	..	9
Iraq.....	..	..	..	1	3	..	7	..	2	..	..	..	..	..	..	12	2	..	..	12
Palestine.....	..	..	1	1	1	..	1	..	3	..	..	..	..	..	..	7	..	..	..	7
Syria.....	1	..	..	..	3	..	..	..	..	1	..	..	..	..	..	4	4	..	..	6
Turkey.....	..	..	1	..	7	..	29	..	6	..	..	..	..	..	..	40	16	..	..	42
<i>U. S. territories and island pos- sessions</i>	2	1	..	2	7	..	19	6	20	6	1	..	5	4	..	72	26	4	2	90
<i>.31 per cent †</i>																				
Alaska.....	..	..	..	..	..	..	..	..	..	1	..	..	..	3	..	4	..	2	..	6
Hawaii.....	2	1	..	2	4	..	5	6	15	2	..	..	4	1	..	41	13	1	1	49
Puerto Rico...	..	..	..	..	3	..	14	..	5	4	..	..	1	..	..	27	13	1	1	35

*Part I-A of the enrollment summary, Table I, is the total of columns 3 and 4, after duplicates have been deducted. The net total of Parts II-A1 and II-A2 of the enrollment summary, Table I, is column 5. Parts I-B and II-B of the enrollment summary, Table I, are column 6. Parts I and II of the enrollment summary, Table I, are column 7.

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

TABLE VIII

1947-48

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 Net Total, First and Second Semesters	4 1947 Summer Session	5 Credit Extension	6 Extramural Med. and Short P.G. in Med., Dent., or Hospital Training	7 Net Total, Students in Credit or Prof. Programs		
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy						Public Health	Hospital Training
Total, Michigan Counties	543	886	381	321	2,769	124	3,074	528	5,740	633	298	225	167	66	34	15,246	6,465	4,109	1,378	22,214
Alcona .....	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	3	2	..	..	4
Alger	1	..	..	1	4	..	1	..	7	..	2	..	..	..	..	15	9	7	3	28
Allegan .....	..	3	1	1	9	..	23	3	9	..	1	..	..	..	..	49	29	11	2	75
Alpena .....	..	1	3	..	8	..	1	1	8	1	1	..	1	..	..	26	16	..	2	35
Antrim .....	..	1	1	..	2	..	3	1	2	1	1	..	1	..	..	13	5	2	2	18
Arenac .....	..	..	..	..	4	..	1	..	5	..	..	..	..	..	..	10	3	1	1	13
Baraga	2	..	..	..	4	..	1	..	4	..	..	3	..	1	..	14	8	9	1	28
Barry .....	..	2	2	..	9	..	8	2	22	3	..	..	1	2	..	49	24	10	5	73
Bay	4	17	4	4	40	1	29	7	77	4	2	4	4	..	..	187	77	65	58	321
Benzie	1	2	..	..	4	..	3	..	5	..	..	..	..	..	..	14	8	7	1	26

Berrien	8	17	2	3	61	31	2	79	9	6	9	..	..	219	102	51	10	318
Branch	3	..	2	..	11	4	1	17	4	1	1	1	1	45	23	1	1	56
Calhoun (8)	5	9	4	6	21	47	18	53	12	4	6	2	1	183	109	122	56	394
Cass	..	4	..	..	3	7	3	14	..	2	..	1	..	31	12	2	..	35
Charlevoix	..	..	..	..	4	1	..	2	1	1	1	..	..	9	5	1	8	20
Cheboygan	..	..	2	..	1	1	..	3	..	..	..	2	..	9	16	..	2	26
Chippewa	4	2	1	..	6	3	..	17	..	..	1	1	..	32	13	71	21	128
Clare	..	..	..	1	..	1	..	3	..	..	1	..	..	5	3	..	..	7
Clinton	2	..	..	1	3	1	1	10	..	1	..	..	..	19	5	1	2	23
Crawford	..	..	..	1	1	..	..	6	..	..	..	..	..	8	1	..	2	10
Delta	1	4	..	..	12	2	4	28	1	1	1	2	1	58	26	14	11	90
Dickinson	6	5	3	2	15	3	2	34	3	2	1	1	..	71	29	24	8	114
Eaton	1	1	4	..	6	6	1	9	4	..	..	1	2	34	9	1	6	44
Emmet	1	2	1	..	11	6	..	16	1	..	1	..	..	37	13	2	2	45
Genesee (5)	19	40	17	16	106	7	306	16	238	18	12	11	11	800	218	163	135	1,140
Gladwin	1	..	..	1	..	1	..	1	..	..	1	1	..	6	8	..	..	11
Gogebic	6	6	1	2	13	4	5	2	31	5	3	5	..	81	36	28	14	136
Grand Traverse	5	6	2	2	13	1	3	3	27	2	..	1	..	62	19	1	36	105
Gratiot	2	4	4	..	7	9	2	19	4	..	1	..	..	48	25	3	10	70
Hillsdale	1	2	2	1	9	..	13	1	11	4	..	..	3	46	29	5	11	71
Houghton	..	4	2	1	3	..	6	..	21	2	2	1	..	41	19	29	17	91
Huron	..	3	..	1	5	..	5	1	24	..	3	1	..	42	16	8	2	58
Ingham (10)	14	6	10	4	34	..	26	11	80	22	3	5	2	212	93	15	117	377
Ionia	2	4	1	1	1	..	18	1	17	1	2	1	..	49	26	24	6	85
Iosco	..	..	..	..	3	..	2	1	6	1	..	..	..	12	8	1	1	17
Iron	2	1	1	2	12	3	1	2	25	..	2	4	1	55	13	21	5	87
Isabella	..	3	..	..	5	2	22	..	8	..	..	1	..	41	24	1	3	58
Jackson (9)	8	14	4	4	51	1	40	12	91	11	3	6	3	238	109	17	103	393
Kalamazoo (6)	11	10	5	3	56	..	112	15	61	16	1	4	7	301	175	29	78	483
Kalkaska	..	..	..	..	2	..	..	..	1	..	..	..	..	3	5	..	..	5

TABLE VIII (Cont.)

1947-48

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 Net Total, First and Second Semesters	4 1947 Summer Session	5 Credit Extension	6 Extramural Med. and Short P. G. in Med., Dent., or Hospital Training	7 Net Total, Students in Credit or Prof. Programs		
	Arch. and Design	Business Admin.	Dentistry	Education	Engineering	Forestry and Cons.	Graduate	Law	L., S., and A.	Medical	Music	Nursing	Pharmacy						Public Health	Hospital Training
Kent (3).....	19	123	23	20	136	8	176	28	266	42	7	10	3	4	..	843	262	662	107	1,667
Keweenaw.....	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	3	..	..	..	3
Lake.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Lapeer.....	1	3	1	..	6	3	8	2	15	2	1	1	1	..	..	42	22	4	2	56
Leelanau.....	4	..	..	1	1	..	1	1	5	1	2	..	..	..	..	16	1	..	3	19
Lenawee.....	4	9	4	3	21	..	13	5	40	6	8	3	2	..	..	112	78	8	12	166
Livingston.....	1	6	2	2	11	..	7	2	22	2	2	..	..	..	1	56	36	5	1	74
Luce.....	..	..	1	..	..	..	..	..	4	..	..	1	..	..	..	6	7	6	1	17
Mackinac.....	..	..	1	..	1	..	1	2	2	..	1	..	1	..	..	8	3	..	..	11
Macomb.....	6	5	5	2	43	1	30	2	76	2	3	2	1	..	..	167	59	34	39	246
Manistee.....	..	2	..	..	9	..	1	..	17	..	2	..	..	2	..	32	23	2	9	50
Marquette.....	6	3	2	3	7	..	18	3	33	2	5	10	1	1	..	94	48	43	29	193
Mason.....	..	..	..	..	14	1	3	1	14	1	..	2	..	..	..	36	17	3	1	42
Mecosta.....	..	..	1	..	7	..	9	1	9	1	..	..	1	1	..	30	11	35	..	69
Menominee....	2	2	..	2	3	1	..	1	12	..	..	4	..	..	1	27	12	48	2	84

Midland.....			2			15	2	11	2	13		1	2	5		53	26	31	6	90
Missaukee.....					1			1	1							2	2	1	1	5
Monroe.....	4	4	1	4	28		33	2	48	5	7	2	3		138	59	5	5	165	
Montcalm.....		4		2	5		12	1	11	1					36	19	9	4	56	
Montmorency.....					3										3	7			8	
Muskegon.....	9	15	5	6	43	3	31	12	80	10	2	2	4	1	214	82	51	13	292	
Newaygo.....	2		2		2	1	6	1	6	3				1	23	13	3	2	35	
Oakland (4)....	44	47	26	21	207	5	156	25	471	23	26	17	13	3	1,056	350	247	17	1,379	
Oceana.....		2	4	1	7		3	2	14	1					33	17	3	3	48	
Ogemaw.....		1			2		1	1	4	1			1		10	3		1	12	
Ontonagon.....		1			2			1	4		1	1		1	10	5	7		20	
Osceola.....	1	3			4		6		5		1				20	14	1	4	32	
Oscoda.....																				
Oshtemo.....					1				1	1		2			5	2	4	3	12	
Ottawa.....	7	15	2	2	33	4	32	7	28	20	5	1	1	3	156	62	60	5	237	
Presque Isle....						1	2	1	4			2			10	5	1	1	13	
Roscommon.....			1		1	1		1	3						7	5		2	12	
Saginaw (7)....	11	18	15	9	51		48	7	143	15	5	4	2		315	100	44	63	447	
St. Clair.....	9	4	1	2	41	1	24	4	77	3	3	1	1		163	69	19	19	225	
St. Joseph.....	1	8	2	1	22		12	7	25	3	5	4	1		90	41	1	6	110	
Sanilac.....		1	2		5		7	1	8	1	1	4			30	25	9		46	
Schoolcraft....		3			3			1	4					1	12	7			14	
Shiawassee.....	4	5	3		6		15	2	28	6	3	5	1	1	78	19	46	10	137	
Tuscola.....		3		1	9	1	10	1	14	2	3			1	44	19	9	9	67	
Van Buren.....	1	3	1	1	12		12	4	13	1	3	4	1		55	25	3	5	73	
Washtenaw (2)	112	180	61	74	495	38	873	169	972	175	75	13	28	14	24	3,162	1,872	158	100	3,743
Wayne (1).....	183	239	135	107	944	29	754	116	2,139	170	73	54	49	14	5	4,835	1,653	1,790	142	7,059
Wexford.....	2	2	1		8	1	6		15	2		1			37	14	10	9	61	

*The total of columns 3 and 4, after duplicates have been deducted, is the Michigan section of Part I-A of the enrollment summary, Table I. Part II-A of the enrollment summary, Table I, is column 5. Parts I-B and II-B of the enrollment summary, Table I, are column 6. Parts I and II of the enrollment summary, Table I, are column 7.

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

TABLE IX
MICHIGAN STUDENTS BY COUNTIES, 1947-48

Counties in Michigan	Population, 1940 Census	Public High School Enrollment, 1946-47	Non-Public High School Enrollment, 1946-47	Michigan High Schools Accredited by the University				University of Michigan Freshmen, 1947-48	University of Michigan Students, 1947-48
				Number of Schools		Graduates, 1946-47			
				Public	Non-Public	Public	Non-Public		
Total	5,256,106	221,020	17,296	556	123	45,883	3,831	1,503	22,214
Alcona	5,463	113	.....	1	...	21	...	.....	4
Alger	10,167	471	.....	4	...	75	...	1	28
Allegan	41,839	1,532	.....	8	...	327	...	2	75
Alpena	20,766	823	228	1	2	133	41	4	35
Antrim	10,964	635	.....	6	...	125	...	.....	18
Arenac	9,233	517	.....	4	...	102	...	3	13
Baraga	9,356	434	.....	2	...	124	...	2	28
Barry	22,613	1,143	.....	6	...	281	...	5	73
Bay	74,981	2,650	779	3	5	571	154	2	321
Benzie	7,800	419	.....	4	...	83	...	1	26
Berrien	89,117	4,328	.....	15	2	938	...	33	318
Branch	25,845	1,022	25	4	1	209	1	4	56
Calhoun	94,206	3,813	264	7	2	800	49	15	394
Cass	21,910	826	.....	4	...	157	...	4	35
Charlevoix	13,031	787	.....	5	...	170	...	.....	20

Cheboygan.....	13,644	467	.....	3	...	94	...	1	26
Chippewa.....	27,807	1,267	120	5	1	261	14	7	128
Clare.....	9,163	534	.....	3	...	117	...	1	7
Clinton.....	26,671	1,286	.....	8	...	282	...	5	23
Crawford.....	3,765	183	.....	1	...	28	...	3	10
Delta.....	34,037	1,618	187	8	1	358	43	10	90
Dickinson.....	28,731	1,710	.....	6	...	466	...	13	114
Eaton.....	34,124	1,877	.....	9	...	388	...	6	44
Emmet.....	15,791	933	65	4	1	204	2	3	45
Genesee.....	227,944	11,849	1,428	20	5	2,576	352	62	1,140
Gladwin.....	9,385	526	.....	2	...	109	...	1	11
Gogebic.....	31,797	1,496	177	5	1	376	40	6	136
Grand Traverse..	23,390	1,084	138	5	1	229	27	13	105
Gratiot.....	32,205	1,498	.....	6	...	295	...	8	70
Hillsdale.....	29,092	1,437	.....	10	...	318	...	5	71
Houghton.....	47,631	1,954	85	8	1	419	19	1	91
Huron.....	32,584	1,432	109	11	1	294	21	11	58
Ingham.....	130,616	6,286	580	14	2	1,348	120	30	377
Ionia.....	35,710	1,488	97	7	1	300	24	5	85
Iosco.....	8,560	686	.....	5	...	165	...	2	17
Iron.....	20,243	1,064	.....	5	...	256	...	8	87
Isabella.....	25,982	1,024	175	4	1	199	56	3	58
Jackson.....	93,108	3,490	617	12	2	706	159	22	393
Kalamazoo.....	100,085	3,758	No report	10	3	780	...	14	483
Kalkaska.....	5,159	192	.....	2	...	42	...	.....	5
Kent.....	246,338	9,196	3,935	19	5	1,949	962	40	1,667
Keweenaw.....	4,004	.....	.....	...	...	.....	...	.....	3
Lake.....	4,798	184	.....	2	...	31	...	.....	1
Lapeer.....	32,116	1,405	.....	7	...	297	...	3	56
Leelanau.....	8,436	285	117	5	1	75	23	2	19

TABLE IX (Cont.)

MICHIGAN STUDENTS BY COUNTIES, 1947-48

Counties in Michigan	Population, 1940 Census	Public High School Enrollment, 1946-47	Non-Public High School Enrollment, 1946-47	Michigan High Schools Accredited by the University				University of Michigan Freshmen, 1947-48	University of Michigan Students, 1947-48
				Number of Schools		Graduates, 1946-47			
				Public	Non-Public	Public	Non-Public		
Lenawee.....	53,110	2,236	89	11	1	503	21	14	166
Livingston.....	20,863	1,006	.....	5	...	219	...	7	74
Luce.....	7,423	301	.....	1	...	66	...	2	17
Mackinac.....	9,438	374	44	4	1	69	9	2	11
Macomb.....	107,638	5,997	905	18	2	1,190	160	31	246
Manistee.....	18,450	741	87	7	1	159	26	4	50
Marquette.....	47,144	1,786	306	8	2	349	71	14	193
Mason.....	19,378	820	123	4	1	179	28	8	42
Mecosta.....	16,902	924	.....	5	...	162	...	6	69
Menominee.....	24,883	1,226	.....	4	...	260	...	3	84
Midland.....	27,094	1,296	.....	2	...	251	...	7	90
Missaukee.....	8,034	299	83	3	1	62	18	.....	5
Monroe.....	58,620	2,155	557	7	1	465	126	19	165
Montcalm.....	28,581	1,509	218	9	1	289	48	2	56
Montmorency..	3,840	272	.....	2	...	61	...	.....	8

Muskegon.....	94,501	4,252	484	8	4	787	88	16	292
Newaygo.....	19,286	1,027	.....	5	...	200	...	3	35
Oakland.....	254,068	14,032	No report	24	7	2,997	No report	145	1,379
Oceana.....	14,812	598	.....	4	...	129	...	8	48
Ogemaw.....	8,720	345	72	2	1	65	18	2	12
Ontonagon.....	11,359	596	.....	6	...	128	...	3	20
Osceola.....	13,309	832	.....	6	...	167	...	3	32
Oscoda.....	2,543	195	.....	2	...	35	...	.....	.....
Otsego.....	5,827	273	63	3	1	53	12	.....	12
Ottawa.....	59,660	2,558	No report	6	1	550	No report	8	237
Presque Isle.....	12,250	616	79	3	...	127	8	1	13
Roscommon.....	3,668	309	.....	2	...	63	...	.....	12
Saginaw.....	130,468	5,567	1,563	8	6	1,080	389	35	447
St. Clair.....	76,222	3,303	481	7	2	665	105	14	225
St. Joseph.....	31,749	1,574	.....	8	...	360	...	14	110
Sanilac.....	30,114	1,713	.....	9	...	411	...	1	46
Schoolcraft.....	9,524	515	.....	2	...	113	...	.....	14
Shiawassee.....	41,207	1,805	159	8	1	355	40	8	137
Tuscola.....	35,694	1,725	.....	11	...	345	...	8	67
Van Buren.....	35,111	1,883	.....	11	...	390	...	6	73
Washtenaw.....	80,810	3,141	.....	8	3	658	...	175	3,743
Wayne.....	2,015,623	72,601	2,857*	38	47	14,644	557*	566	7,059
Wexford.....	17,976	896	.....	5	...	199	...	7	61

*Does not include Detroit city non-public school enrollment.

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

TABLE X
MICHIGAN COUNTIES
RANKED BY
UNIVERSITY OF MICHIGAN STUDENTS, POPULATION, HIGH-SCHOOL ENROLLEES, AND HIGH-SCHOOL GRADUATES

Rank	Michigan Counties Sending Most Students to U. of M. during 1947 Fall and 1948 Spring		Michigan Counties Having Largest Population in 1940		Michigan Counties with Greatest Number of Students Enrolled in Public High Schools during 1946-47		Michigan Counties with Largest Number of Graduates of Public High Schools during 1946-47	
	County	Number of Students	County	Population	County	Public High School Enrollment	County	Public High School Graduates
1	Wayne	4,835	Wayne	2,015,623	Wayne	72,601	Wayne	14,644
2	Washtenaw	3,162	Oakland	254,068	Oakland	14,032	Oakland	2,997
3	Oakland	1,056	Kent	246,338	Genesee	11,849	Genesee	2,576
4	Kent	843	Genesee	227,944	Kent	9,196	Kent	1,949
5	Genesee	800	Ingham	130,616	Ingham	6,286	Ingham	1,348
6	Saginaw	315	Saginaw	130,468	Macomb	5,997	Macomb	1,190
7	Kalamazoo	301	Macomb	107,638	Saginaw	5,567	Saginaw	1,080
8	Jackson	238	Kalamazoo	100,085	Berrien	4,328	Berrien	938
9	Berrien	219	Muskegon	94,501	Muskegon	4,252	Calhoun	800
10	Muskegon	214	Calhoun	94,206	Calhoun	3,813	Muskegon	787

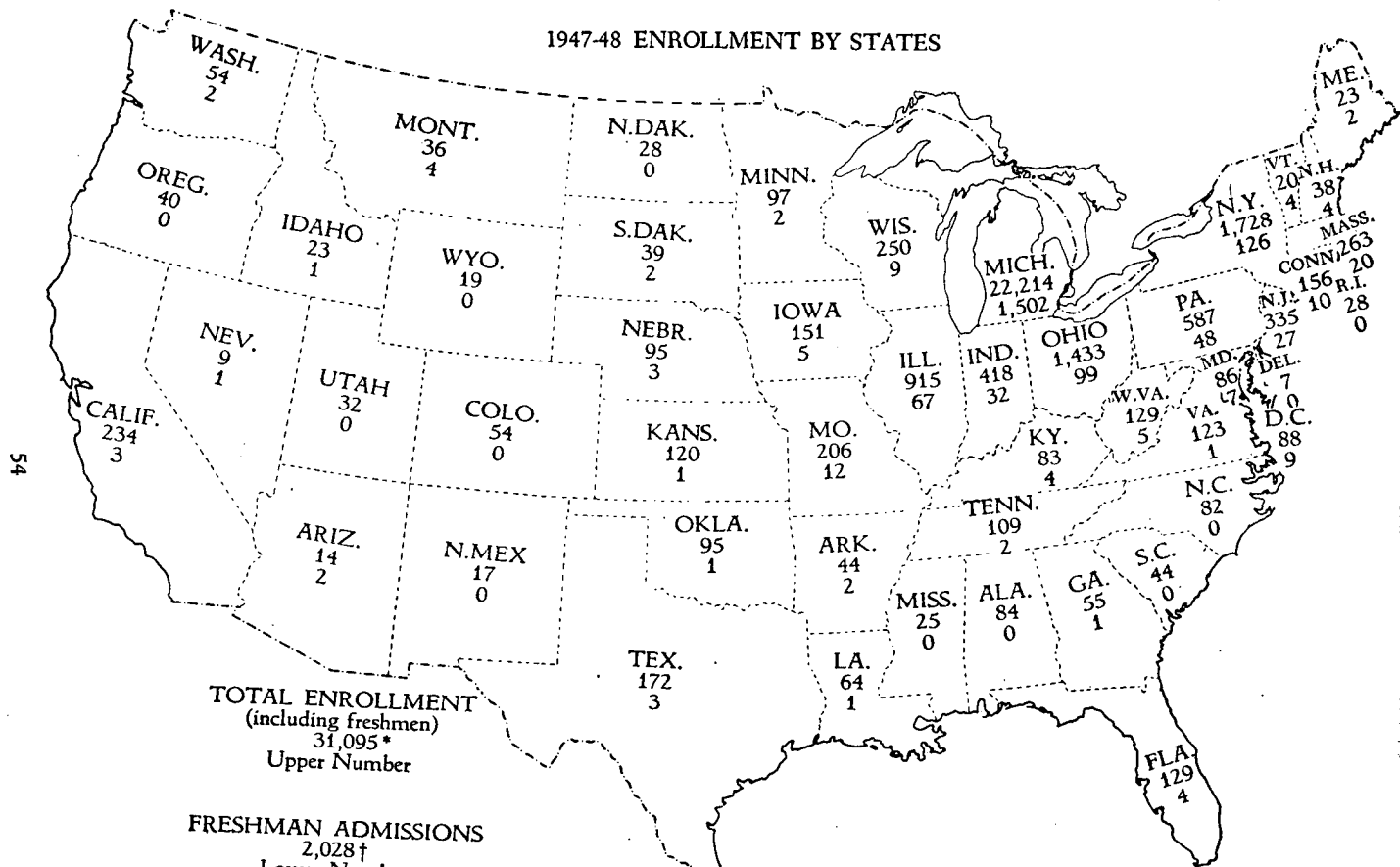
TABLE XI
ENROLLMENT FROM 1843 TO 1948

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
		1947-48.....	32,307

*Includes in the regular session and summer session and those taking class and correspondence extension courses for which credit may be given. Students in noncredit courses are not included. Students in postgraduate programs are included after 1944-45.

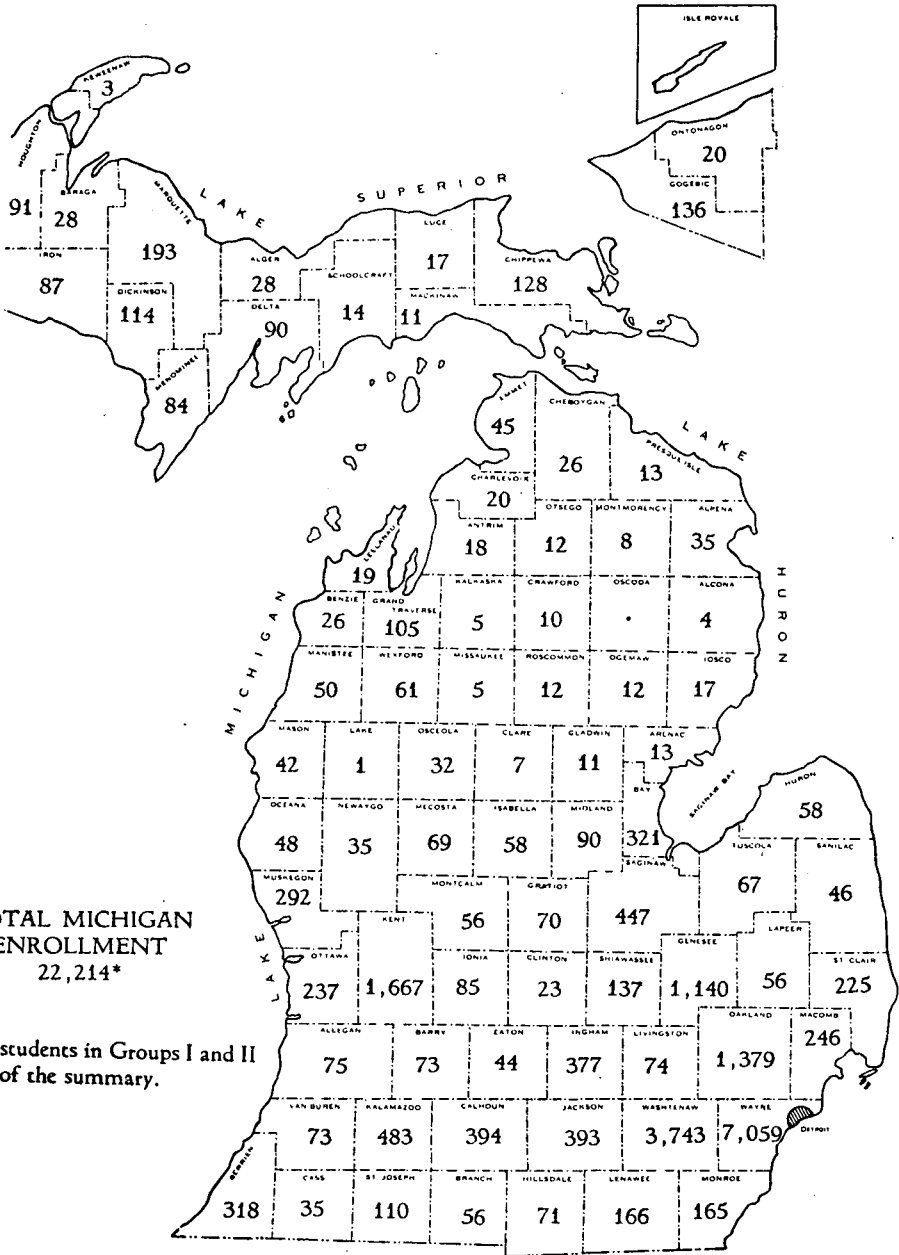
†Not including 2,258. Sec. B., S.A.T.C.

1947-48 ENROLLMENT BY STATES



*Includes students in Groups I and II of the summary
†Includes students in Group IA of the summary.

1947-48 MICHIGAN ENROLLMENT BY COUNTIES



TOTAL MICHIGAN
ENROLLMENT
22,214*

Includes students in Groups I and II
of the summary.

TABLE XII
CLASS ENROLLMENT, FALL 1947
UNDERGRADUATE SCHOOLS AND COLLEGES

56

University Unit	Total Students	Total Undergrad.	Fresh.	Soph.	Junior	Senior	Spec.	Unclass.	Total Grad.
Undergraduate Schools and Colleges . . .	14,712	14,241	2,726	4,550	3,081	3,393	468	23	471
Ratio to Total Undergraduates		100.0%	19.1%	32.0%	21.6%	23.8%	3.3%	.2%	...
Architecture and Design	708	708	152	216	151	181	6	2	...
Business Administration	1,095	767	.....	.....	433	296	38	.....	328
Education	361	361	40	37	135	135	14	.....	.....
Engineering	3,844	3,844	640	1,289	871	915	129	.....	.....
Forestry and Conservation	284	257	30	64	81	81	1	.....	27
Lit., Sci., and Arts	7,454	7,454	1,664	2,722	1,206	1,580	267	15	.....
Music	495	379	70	99	109	82	13	6	116
Nursing	278	278	84	54	46	94	.....	.....	.....
Pharmacy	193	193	46	69	49	29	.....	.....	.....

TABLE XIII
ACADEMIC SUCCESS OF UNDERGRADUATE STUDENTS

Student Group	Grade-Point Average		Change
	1946-47	1947-48	
Men's Co-operative Housing.....	.....	2.72	.....
Women's Residence Halls.....	2.68	2.69	.01
Women's Co-operative Housing...	2.63	2.68	.05
Independent Women.....	2.61	2.65	.04
All Women.....	2.62	2.65	.03
General Sororities.....	2.63	2.64	.01
Upperclass Men's Residence Halls..	2.54	2.57	.03
Independent Men.....	2.56	2.56	...
All Men and Women.....	2.56	2.57	.01
All Men.....	2.54	2.55	.01
Freshman Men's Residence Halls...	2.57	2.50	-.07
General Fraternities.....	2.47	2.49	.02
Freshman Women.....	2.42	2.46	.04
All Freshmen.....	2.46	2.46	...
Freshman Men.....	2.49	2.46	-.03

TABLE XIV
DEGREES AND CERTIFICATES CONFERRED
JULY 1, 1947, THROUGH JUNE 30, 1948

	Total	Men	Women
Total			
Degrees in Course.....	5,801	4,383	1,418
Honorary Degrees.....	9	8	1
Diplomas and Certificates of Graduation.....	113	.....	113
Certificates of Specialization.....	504	230	274
Commissions.....	86	86	.....
College of Architecture and Design			
Bachelor of Architecture			
Architectural Engineering.....	5	5	.....
Architecture.....	15	15	.....
Bachelor of Design.....	44	14	30
Bachelor of Science in Architecture			
Architecture.....	2	2	.....
Bachelor of Science in Landscape Architecture ..	2	1	1
School of Business Administration			
Bachelor of Business Administration.....	384	351	33
Master of Business Administration.....	207	199	8
School of Dentistry			
Doctor of Dental Surgery.....	40	39	1
School of Education			
Bachelor of Arts in Education.....	99	16	83
Bachelor of Science in Education.....	41	26	15
College of Engineering			
Bachelor of Science in Engineering			
Aeronautical Engineering.....	97	96	1
Business Administration.....	1	1	.....
Chemical Engineering.....	108	104	4
Civil Engineering.....	78	78	.....
Electrical Engineering.....	132	131	1
Engineering Mechanics.....	4	4	.....
Industrial-Mechanical Engineering ..	97	97	.....
Law.....	1	1	.....
Mathematics.....	33	31	2
Mechanical Engineering.....	178	178	.....
Metallurgical Engineering.....	24	23	1
Naval Architecture and Marine Engineering.	19	19	.....
Physics.....	22	22	.....
Transportation.....	3	3	.....
School of Forestry and Conservation			
Bachelor of Science in Forestry.....	60	60	.....
Bachelor of Science in Wood Technology.....	19	19	.....
Master of Forestry.....	31	31	.....
Master of Wood Technology.....	6	6	.....
Horace H. Rackham School of Graduate Studies			
Master of Architecture.....	2	2	.....
Master of Arts.....	729	439	290
Master of Arts in Library Science.....	26	11	15
Master of Clinical Psychology.....	7	3	4
Master of Landscape Architecture.....	2	1	1
Master of Public Administration.....	15	13	2
Master of Science.....	258	212	46

TABLE XIV (Cont.)

DEGREES AND CERTIFICATES CONFERRED
JULY 1, 1947, THROUGH JUNE 30, 1948

	Total	Men	Women
Master of Science in Chemistry	19	17	2
Master of Science in Dentistry	12	12	.....
Master of Science in Engineering	378	377	1
Master of Science in Public Health	6	3	3
Master of Social Work	33	11	22
Aeronautical Engineer	1	1	.....
Mechanical Engineer	1	1	.....
Doctor of Education	1	1	.....
Doctor of Philosophy	114	104	10
Doctor of Science	2	2	.....
Law School			
Bachelor of Laws	275	273	2
Juris Doctor	54	52	2
Master of Laws	10	10	.....
Doctor of the Science of Law	1	1	.....
College of Literature, Science, and the Arts			
Bachelor of Arts	1,277	712	565
Bachelor of Arts in Library Science	43	12	31
Bachelor of Science	323	244	79
Bachelor of Science in Chemistry	36	29	7
Medical School			
Doctor of Medicine	133	112	21
School of Music			
Bachelor of Music			
Music Education	23	14	9
Music Literature	2	.....	2
Organ	5	2	3
Piano	8	1	7
Theory	3	3	.....
Viola	1	.....	1
Violin	2	1	1
Voice	6	1	5
Wind Instruments	1	1	.....
Master of Music			
Composition	1	1	.....
Music Education	42	31	11
Music Literature	8	5	3
Musicology	1	1	.....
Organ	4	2	2
Piano	6	3	3
Theory	1	1	.....
Viola	1	1	.....
Violin	5	1	4
Voice	6	3	3
Wind Instruments	2	2	.....
School of Nursing			
Bachelor of Science in Nursing	12	.....	12
College of Pharmacy			
Bachelor of Science in Pharmacy	22	14	8

TABLE XIV (Cont.)
DEGREES AND CERTIFICATES CONFERRED
JULY 1, 1947, THROUGH JUNE 30, 1948

	Total	Men	Women
School of Public Health			
Bachelor of Science in Public Health Nursing...	34	.....	34
Master of Public Health.....	94	67	27
Doctor of Public Health.....	1	1	.....
Honorary Degrees			
Doctor of Laws.....	4	4	.....
Doctor of Letters.....	1	1	.....
Doctor of Public Administration.....	1	1	.....
Doctor of Science.....	3	2	1
Diplomas and Certificates of Graduation			
Diploma in Nursing.....	80	.....	80
Certificate in Anesthesia.....	7	.....	7
Certificate in Dental Hygiene.....	26	.....	26
Certificate of Specialization			
Certificate in Journalism.....	45	30	15
Certificate in Medical Technology.....	8	.....	8
Certificate of Proficiency in Postgraduate Medicine	70	67	3
Teacher's Certificates			
State Secondary Provisional Certificate			
College of Architecture and Design.....	4	2	2
School of Business Administration.....	1	1	.....
School of Education.....	67	42	25
College of Engineering.....	1	1	.....
Horace H. Rackham School of Graduate Studies.....	39	24	15
College of Literature, Science, and the Arts..	145	38	107
School of Music.....	24	14	10
School of Public Health.....	3	.....	3
State Elementary Provisional Certificate			
School of Education.....	72	.....	72
Horace H. Rackham School of Graduate Studies.....	9	3	6
College of Literature, Science, and the Arts..	4	.....	4
Junior College Permanent Certificate			
School of Business Administration.....	1	1	.....
Horace H. Rackham School of Graduate Studies.....	11	7	4
Commissions			
Naval Reserve Officers' Training Corps.....	.....	.....	.....
United States Marine Corps.....	4	4	.....
United States Marine Corps Reserve.....	4	4	.....
United States Naval Reserve.....	38	38	.....
United States Navy.....	4	4	.....
Reserve Officers' Training Corps			
United States Air Force.....	7	7	.....
United States Army.....	29	29	.....

TABLE XIV (Cont.)
 RECIPIENTS OF HONORARY DEGREES

<i>Doctor of Laws</i>	
James William Fulbright	Arthur Hendrick Vandenberg
Charles Caspar Simons	Eelco Nicolaas van Kleffens
<i>Doctor of Letters</i>	
Lawrence Counselman Wroth	
<i>Doctor of Public Administration</i>	
John Paxton Espie	
<i>Doctor of Science</i>	
Robert Fox Bacher	Alice Hamilton
Samuel Jackson Holmes	

TABLE XV
 THE TEACHING STAFF OF THE UNIVERSITY OF MICHIGAN*

University Unit	Faculty					
	Total	Pro- fessor	Assoc. Prof.	Asst. Prof.	Instruc- tor	Lecturer & Teach. Fel.
Total.....	1,184	280	172	212	244	276
Arch. and Design...	39	8	7	8	12	4
Business Admin....	46	12	5	5	7	17
Dentistry.....	37	9	5	6	10	7
Education.....	28	11	3	4	1	9
Engineering.....	207	50	39	46	42	30
Forestry and Cons...	12	8	2	1	1	...
Law.....	26	17	2	7	...	...
Lit., Sci., and Arts..	536	112	73	92	82	177
Medicine.....	127	26	18	24	41	18
Music.....	51	13	8	8	16	6
Nursing.....	23	1	1	2	19	...
Pharmacy.....	6	2	1	1	...	2
Public Health.....	22	6	5	4	2	5
Physical Education..	17	2	1	3	11	...
Social Work.....	7	3	2	1	...	1

*Full-time equivalent members, based upon the budget as originally adopted.
 NOTE.—Members of the faculty of the Graduate School, who are listed in the school or college offering the courses, are included above.

Respectfully submitted,

IRA M. SMITH,

Registrar