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Report of The Registrar of the University 1939-1940

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THE REGISTRAR OF THE UNIVERSITY

To the President of the University:

SIR—I have the honor to present the report of the Registrar of the University for the year 1939–40. This report includes specific reports from the four divisions, namely, admissions, records, statistics, and editorial, with only a very few remarks covering the general work of the office.

Personnel.—We were very fortunate and happy in securing an additional full-time staff member in the Statistical Division, Miss Ruth Jane Carver, who was appointed in March, 1940. This division has been assuming new duties very rapidly during the past few years, and this addition to the staff will aid materially in accomplishing the work.

Miss Helen Travis, of the Editorial Division, has continued in the office of Alumni Relations on the work of the "Encyclopedic Survey" of the University. Mrs. Anne Withrow has continued in the Editorial Division as a substitute for Miss Travis.

Enrollment.—The total registration for the year 1939–40 shows the largest number of students enrolled in the history of the University. The regular session enrollment for the entire year was 13,011 and for the entire University (extension, summer session, and regular session), was 19,596. A complete analysis of the enrollment statistics is given in the tables in this report.

General correspondence.—This function of the Registrar's Office takes care of all inquiries of a general nature received in the United States mail or referred from other offices by campus mail or telephone. The aim is to send a prompt, courteous reply to every letter and post card, with a minimum amount of clerical work involved. During the period from January 1, 1940, to July 1, 1940, this office checked out 8,569 copies of the *Bulletin of General Information* and 7,537 announcements of the various schools and colleges. This total is in addition to the bulletins and announcements sent out through the University Mailing Room and from other campus offices. I strongly recommend that a more complete central mailing room be established as soon as practicable so that all official bulletins may be distributed through one central mailing bureau.

ADMISSIONS DIVISION

Admission requirements.—The entrance regulations approved by the Board of Regents on December 14, 1934, are the only ones which have been in force since September, 1937.

In September, 1935, the first year of the new regulations, there were 21 students who entered the College of Literature, Science, and the Arts under these regulations whose high-school programs would not have met the old requirements. In the class entering in September, 1939, there were 105 students in the group. As a decided change was made in the regulations set up by this college, the records of the students who have entered under the new requirements who could not have entered under the old are of continuing interest. A report on the work of the freshman year for the 105 students who entered the College of Literature, Science, and the Arts in September, 1939, follows:

SATISFACTORY RECORDS

	ABOVE AVERAGE (B- OR BETTER)	SATISFACTORY	TOTAL	PER CENT
Michigan high schools ...	9	21	30	
Non-Michigan high schools	3	19	22	
Total satisfactory	12	40	52	49.5

UNSATISFACTORY RECORDS

	UNSATISFACTORY (NOW ON FACULTY ACTION)	HOME	WITHDREW WITHOUT RECORD	TOTAL	PER CENT
Michigan high schools . . .	13	16	3	32	
Non-Michigan high schools	11	7	3	21	
Total unsatisfactory	24	23	6	53	50.5

Comparative rating of Michigan and non-Michigan freshmen.—The high-school averages and the averages of the freshmen at the University of Michigan, by students entering from Michigan and from non-Michigan schools, are grade-point averages, with A equal to 4 points; B, 3; C, 2; D, 1; and E, 0. The averages given in the table below are for the entire freshman class entering in September, including freshmen in all curricula.

Statistically these figures show no significant difference in the scholastic accomplishments in the high school of the students comprising the freshman classes from 1930 through 1939, nor is there any significant difference between the groups from Michigan and non-Michigan high schools.

CLASS ENTERED SEPTEMBER	NUMBER OF STUDENTS	HIGH-SCHOOL AVERAGE		UNIV. OF MICH. FIRST-SEMESTER AVERAGE		UNIV. OF MICH. FIRST-YEAR AVERAGE	
		Mich.	Non-Mich.	Mich.	Non-Mich.	Mich.	Non-Mich.
1930	1,337	2.87	2.50	2.27	2.28	2.37	2.38
1931	1,195	2.96	2.52	2.36	2.29	2.38	2.31
1932	1,054	2.96	2.53	2.38	2.35	2.42	2.37
1933	1,301	2.94	2.55	2.37	2.35	2.42	2.35
1934	1,477	2.99	2.66	2.26	2.33	2.31	2.35
1935	1,484	3.03	2.72	2.24	2.34	2.30	2.38
1936	1,665	3.03	2.77	2.25	2.35	2.29	2.36
1937	1,660	3.07	2.81	2.32	2.36	2.37	2.37
1938	1,616	3.09	2.86	2.36	2.36	2.44	2.45
1939	1,778	3.13	2.83	2.32	2.33	2.37	2.35

Prognostic rating.—Concerning the selection of the freshman class, on the acceptance of each student for admission a prediction of the probable degree of his success in the University is made. These predictions divide the freshman class into three groups, as follows: the A-1 group, which should do superior work; the A-2 group, which should do at least average work; and the A-3 group, which may have some scholastic difficulty. The table below gives the results of the predictions for the freshman class for the last four years, including freshmen in all colleges and divisions who completed the work of the first semester.

These ratings are made on the information contained in the application blanks. The results of the scholastic-aptitude test and the English-content examination given all freshmen during their first week on the campus are not available at the time the predictions are made.

The various officers interested in personnel work with the freshmen are continuing to use the information on the admission blanks, the rating given the student with regard to probable success, and the results of the scholastic-aptitude test and the English-content examination.

Freshman enrollment.—Permits to register were issued to 2,129 prospective freshmen for the first semester of 1939-40. Of this number 1,778 actually registered, 1,185 men and 593 women, showing an increase of 162 over the 1938 enrollment when 1,128 men and 488 women registered. This represents a slight increase in the freshman enrollment in all of the Schools and Colleges with the exception of the Curriculum in Dental Hygiene in the School of Dentistry, in which there was a slight decrease.

GROUP YEAR	A		B		C		D		E		INC	
	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent
A-1 1935-36..... (364 stu- dents)	1,239	55.5	2,260	38.6	1,716	18.0	189	7.5	47	4.2	111	22.9
A-1 1936-37..... (346 stu- dents)	1,265	54.8	2,204	31.8	1,504	14.2	175	6.0	14	1.2	103	15.3
A-1 1937-38..... (240 stu- dents)	997	41.2	1,662	24.1	873	8.2	56	2.1	7	.8	65	14.0
A-1 1938-39..... (313 stu- dents)	1,313	49.8	2,078	29.1	1,219	11.8	103	4.4	32	3.0	47	14.3
A-1 1939-40..... (397 stu- dents)	1,574	55.0	2,522	33.3	1,668	15.2	197	6.7	44	3.6	48	11.6
A-2 1935-36..... (601 stu- dents)	773	34.6	2,608	44.5	4,279	44.7	941	37.3	356	32.0	122	25.2
A-2 1936-37..... (656 stu- dents)	752	32.6	3,115	44.9	4,612	43.5	988	33.9	248	22.0	262	38.9
A-2 1937-38..... (748 stu- dents)	1,173	48.5	3,544	51.3	5,204	48.8	964	35.5	227	25.5	193	41.6
A-2 1938-39..... (759 stu- dents)	1,037	39.3	3,544	49.7	5,434	52.7	1,035	44.0	357	33.7	123	37.3
A-2 1939-40..... (834 stu- dents)	1,005	35.1	3,823	50.5	5,773	52.5	1,382	47.3	452	37.1	200	48.3
A-3 1935-36..... (489 stu- dents)	220	9.9	994	17.0	3,568	37.3	1,395	55.2	711	63.8	252	52.0
A-3 1936-37..... (629 stu- dents)	293	12.7	1,614	23.3	4,493	42.4	1,752	60.1	867	76.8	308	45.8
A-3 1937-38..... (622 stu- dents)	248	10.3	1,697	24.6	4,587	43.0	1,694	62.4	657	73.7	206	44.4
A-3 1938-39..... (519 stu- dents)	289	10.9	1,512	21.2	3,661	35.5	1,215	51.6	669	63.2	159	48.4
A-3 1939-40..... (492 stu- dents)	285	10.0	1,218	16.1	3,556	32.3	1,343	46.0	721	59.2	166	40.1

The following table gives the number of freshmen who registered in September, 1939, and in February, 1940, in the various Schools and Colleges:

SCHOOLS AND COLLEGES	MICHIGAN HIGH SCHOOLS			NON-MICHIGAN HIGH SCHOOLS			TOTAL		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
L., S., & A.	336	264	600	328	265	593	664	529	1,193
Engineering.....	190	...	190	297	1	298	487	1	488
Pharmacy.....	7	2	9	2	...	2	9	2	11
Dental Hygiene.....	...	4	4	...	5	5	...	9	9
Architecture.....	17	27	44	12	11	23	29	38	67
Education.....	10	1	11	8	9	17	18	10	28
Music.....	15	17	32	8	11	19	23	28	51
*Total.....	575	315	890	655	302	957	1,230	617	1,847

* Total refunds included.

Distribution of freshmen by date of birth.—The average age of the freshman class, including those who entered in September and in February is 18 years, 5 months. The following table gives the distribution of the class by year of birth:

YEAR OF BIRTH	MEN	WOMEN	TOTAL
1902.....	0	1	1
1905.....	1	0	1
1911.....	0	1	1
1913.....	2	0	2
1914.....	1	2	3
1915.....	5	3	8
1916.....	12	4	16
1917.....	14	2	16
1918.....	20	6	26
1919.....	61	10	71
1920.....	211	59	270
1921.....	688	326	1,014
1922.....	184	182	366
1923.....	19	14	33
1924.....	0	1	1
Total	1,218	611	1,829

Geographical distribution.—In the freshman class of 1939–40, 37 states, the District of Columbia, and 11 countries outside continental United States were represented. The registration from these countries was as follows: Argentina, 1; Bolivia, 1; Brazil, 1; Canada, 12; China, 2; Hawaii, 2; Mexico, 1; Palestine, 1; Panama, 1; Venezuela, 1; and Puerto Rico, 7. From the state of Michigan the registration was 941 or 52.3 per cent of the class that entered. This is the number living in Michigan, not the number entering from Michigan high schools, which is slightly smaller. The other states sending large delegations are as follows: New York, 325; Ohio, 126; Illinois, 105; Pennsylvania, 63; New Jersey, 59; Indiana, 38; Massachusetts, 24; Connecticut, 17; Wisconsin, 16.

Number of students per each secondary school.—In 1939–40, of the 621 accredited high schools in Michigan, 202 were represented by the freshmen who entered for the first semester of 1939–40. Of the high schools

outside of Michigan, 552 were represented by the freshman class for the first semester. Schools represented by only 1 student numbered 484, whereas each of 104 schools was represented by only 2 students. The total number of schools represented was 754. As usual, the largest delegation, which numbered 90, entered from the Ann Arbor High School.

Honor award.—For the second time the following award was made:

This is to certify that, among the groups of students entering the University of Michigan in the year 1939–40, from the high schools of the state of Michigan, the group from the Three Rivers High School, consisting of the following freshmen, Doris May Arner, Jane McRae Graham, and Charles William O'Dell, by its combined record has received first honors for excellence in scholarship during the first semester of resident study.

The Registrar's Office plans to continue a similar award each year. The first award was made in 1938–39 to the Lincoln High School of the Ferndale-Pleasant Ridge School District.

SCHOOLS AND COLLEGES	NO. OF STUDENTS GRADED	FIRST SEMESTER, 1939–40							GRADE—POINT AVERAGE*
		SEMESTER HOURS							
		A	B	C	D	E	IX	TOTAL	
L. S., and A.	1,111	1,649	4,577	7,244	1,904	690	210	16,274	2.29
Per Cent		10.1	28.1	44.5	11.7	4.2	1.3		
Engineering	463	919	2,386	2,803	699	388	161	7,356	2.38
Per Cent		12.5	32.4	38.1	9.5	5.3	2.2		
Pharmacy	10	9	23	71	16	5	3	127	2.12
Per Cent		7.1	18.1	55.9	12.6	3.9	2.4		
Dental Hygiene	9	16	38	65	9	4		132	2.40
Per Cent		12.1	28.8	49.2	6.8	3.0			
Architecture	63	87	259	331	152	74	56	959	2.15
Per Cent		9.1	27.0	34.5	15.8	7.7	5.8		
Education	24	27	66	167	66	21	14	361	2.03
Per Cent		7.5	18.3	46.3	18.3	5.8	3.9		
Music	46	150	203	294	51	27	38	763	2.55
Per Cent		19.7	26.6	38.5	6.7	3.5	5.0		
Total	1,726	2,857	7,552	10,975	2,897	1,209	482	25,972	2.31
Per Cent		11.0	29.1	42.3	11.2	4.7	1.9		
		SECOND SEMESTER, 1939–40							
L. S., and A.	1,096	1,799	4,835	7,188	1,527	556	260	16,165	2.36
Per Cent		11.1	29.9	44.5	9.4	3.4	1.6		
Engineering	454	1,099	2,002	2,619	726	428	223	7,097	2.38
Per Cent		15.5	28.2	36.9	10.2	6.0	3.1		
Pharmacy	9	20	25	65	12	6	...	128	2.32
Per Cent		15.6	19.5	50.8	9.4	4.7	...		
Dental Hygiene	8	19	48	35	...	...	...	102	2.84
Per Cent		18.6	47.1	34.3	...	...	...
Architecture	62	50	243	367	135	57	50	902	2.11
Per Cent		5.5	26.9	40.7	15.0	6.3	5.5		
Education	22	39	98	103	24	32	14	310	2.30
Per Cent		12.6	31.6	33.2	7.7	10.3	4.5		
Music	47	95	249	328	42	20	12	746	2.49
Per Cent		12.7	33.4	44.0	5.6	2.7	1.6		
Total	1,698	3,121	7,500	10,705	2,466	1,099	559	25,450	2.36
Per Cent		12.3	29.5	42.1	9.7	4.3	2.2		

* The scale used in figuring averages follows: A—4 points; B—3 points; C—2 points; D—1 point; E—0 points; IX—disregarded.

Withdrawals.—The dates and reasons for the withdrawals of any freshman entrants of September, 1939, and February, 1940, are contained in the following table:

ANALYSIS OF FRESHMAN WITHDRAWALS BY CAUSE AND DATE*
September, 1939-June, 1940

CAUSE OF WITHDRAWAL	L., S., & A.	Eng.	Pharm.	Dent. Hyg.	Arch.	Ed.	Nurs.	Music	Total
1. Home action:									
February—Left	24	2	..	1	..	..	..	..	27
February—Immediately reinstated ..	16†	12†	..	..	..	3†	..	..	31
June—Left	126	65	1	..	4	3	6	..	205
June—Immediately reinstated .....	..	9	..	..	..	1	..	..	10
2. Not to return without the consent of the Administrative Board:									
February	4	..	..	..	..	..	..	..	4
June	8	..	..	..	..	1	..	..	9
Other times	23	..	..	..	..	..	..	..	23
3. Ill health	29	8	..	..	2	1	..	1	41
4. Financial difficulties	3	2	..	..	..	..	..	1	6
5. To attend school elsewhere	1	1	..	..	..	..	..	..	2
6. Family illness and need	2	..	..	..	..	..	..	..	2
7. Employment	10	1	..	..	..	..	..	..	11
8. Not specified—average less than "C" for final semester	9	6	1	..	2	..	..	..	18
9. Not specified—satisfactory average, for final semester	8	7	..	..	..	1	..	1	17
10. Transfers within the University‡	3	6	..	..	2	2	..	2	15
Total	266	119	2	1	10	12	6	5	421
Duplicates§	32	12	..	..	..	3	..	..	47
Net Total Withdrawals	234	107	2	1	10	9	6	5	374

* Withdrawals in June which were not accompanied by a "Home" or "N.T.R." action have been disregarded. Students who withdrew during the first semester and re-entered the same school the second semester have also been omitted.

† In February, 16 freshmen in the College of Literature, Science, and the Arts, 12 freshmen in the College of Engineering, and 3 freshmen in the School of Education received a "Home" action because of poor scholarship. For certain reasons they were allowed to enroll for the second semester with the understanding that, unless they were able to make a "C" average and no "E" grades during the semester, they would be required to withdraw permanently in June. In June, the following action was taken:

<i>L., S., and A.</i>	<i>Engineering</i>
1. Home	1. Home
11	10
2. Probation	2. Home—reinstated
3	1
3. N.T.R.	3. Withdrew 3/12/40
2	1
16	12
	<i>Education</i>
1. Home	1
2. Home—reinstated	1
3. N.T.R.	1
	3

‡ Includes February transfers as follows:

Lit., Arch.	2	Ed., Lit.	1
Lit., Ed.	1	Ed., Mus.	1
Eng., Lit.	6	Mus., Lit.	2
Arch., Lit.	1		
Arch., Eng.	1		
		15	

§ In addition to the duplicate withdrawals mentioned in paragraph two above, the following combined causes were specified by students withdrawing from L., S., and A.—N.T.R.—Ill health, 13; N.T.R.—Employment, 4; N.T.R.—Family illness, 1; Ill health—financial, 1; Total, 19.

DATE OF WITHDRAWAL	L., S., & A.	Eng.	Pharm.	Dent. Hyg.	Arch.	Ed.	Nurs.	Music	Total
October	3	1	..	..	..	..	..	..	4
November	7	1	..	..	..	..	..	2	10
December	4	..	..	..	..	..	..	..	4
January	7	..	..	..	..	..	..	..	7
February:									
Withdrawal	45	12	1	1	1	1	..	1	62
*Transfer within the University	3	6	..	..	2	2	..	2	15
*Immediate reinstatement	16	12	..	..	..	3	..	..	31
March	7	7	..	..	3	..	..	..	17
April	17	2	..	..	..	..	..	..	19
May	4	4	..	..	..	1	..	..	9
June:									
Home	126	74	1	..	4	4	6	..	215
N.T.R.	8	..	..	..	..	1	..	..	9
Total	247	119	2	1	10	12	6	5	402
† Duplicates	13	12	..	..	..	3	..	..	28
Net Total	234	107	2	1	10	9	6	5	374

* These students did not leave the University in February.

† The 16 students in the College of Literature, Science, and the Arts, 12 in the College of Engineering, and 3 in the School of Education who were immediately reinstated in February withdrew later in the year as follows:

<i>L., S., and A.</i>		<i>Engineering</i>	
June Home	11	June Home	10
June N.T.R.	2	June Home—reinstated	1
	13	Withdrew 3/12/40	1
			12
<i>Education</i>			
June Home	1		
June Home—reinstated	1		
N.T.R.	1		
	3		

Entrance examinations.—To accommodate the applicants for admission to the freshman class who must qualify: (1) by a combination of certificate and examination; and (2) by examination, the University holds entrance examinations three times a year. Seventy-two applicants wrote examinations in September, 1939, nine in February, 1940, and ten in June, 1940. Thought is being given to holding the fall examinations next year during the last week of the summer session instead of the week preceding the Orientation Period.

College Entrance Examination Board examinations.—The College Entrance Examination Board again requested the University to conduct their June examinations in Ann Arbor. This year they extended from June 15 to June 22. The supplies and questions were sent direct to the Registrar's Office from the headquarters in New York City, and the unused papers and supplies were returned at the conclusion of the period. There were only two applicants for the examinations this year, a much smaller number than ever before.

Auditing vouchers.—It has been the duty of the Registrar's Office, as in previous years, to initial the monthly vouchers under which the University

funds are disbursed. It is hoped that at some time in the near future a plan may be worked out which would eliminate the routine of initialing and the transportation of books from one building to another.

Principal-Freshman Conference.—One hundred and thirty superintendents, principals, and teachers came to Ann Arbor November 16, 1939, from eighty-three high schools in Michigan, Indiana, Illinois, and Ohio to attend our thirteenth Principal-Freshman Conference. From 8 until 12 in the morning, interviews, definitely scheduled in advance, took place between the high-school representatives and their former students registered in the current freshman class of the University. We were privileged to have the use of the Horace H. Rackham School of Graduate Studies. The second floor is unusually well adapted for these conferences, and the study hall and two lounges provided ample desk space for the principals to hold interviews with the 675 freshmen from their schools. In the Main Lecture Hall, deans from five junior colleges in Michigan interviewed their former students who transferred to the University this year.

Luncheon was served at the Michigan League for the visitors and approximately sixty members of the University faculty and staff whose work brings them in contact with freshmen. Other guests were registrars and deans from Michigan colleges.

Since its inception in 1927 this annual conference has increased year by year in number of high schools represented and in the interest shown. The feeling of good will between the high schools and the University is undoubtedly strengthened by this contact. The principal realizes the opportunity offered of learning the problems confronting his graduates during the early part of their college work and often is able to remedy these difficulties in preparing future University freshmen. The University profits in gaining information from the freshmen concerning their living conditions, studies, and extracurricular activities. It is early enough in the student's college life to correct obstacles to his success and happiness.

For the second year a discussion period of about two hours' duration followed the luncheon. The topics discussed in a very informal manner centered around the principal's part in freshman admissions. It is believed that these discussion groups will play a large part in our future meetings, and that they will be profitable in considering problems of mutual interest to high-school principals and college admission officers.

RECORDS DIVISION

Studies.—During the year 1939-40, brief investigations have been made into the following problems:

1. An analysis of the records of students considered for concentration in June, 1939. This gives the causes for student failure to concentrate in a normal period of four semesters after entering from high school, or in less time if otherwise admitted.

2. A partial analysis of the academic records of School of Education graduates between August, 1938, and June, 1939.

3. A partial analysis of the academic records of students out of residence one or more semesters.

4. Change of elections made by students during the 1939-40 session.

5. The February, 1940, records of 670 Literature, Science, and the Arts students on academic discipline in February, 1939.

6. Sources of personnel data on 670 Literature, Science, and the Arts students on discipline during the first semester of the 1938-39 session.

7. An analysis of the elections made by the School of Music students, 1939-40 session.

8. A partial analysis of the academic records of Literature, Science, and the Arts graduates of June, 1929. This study was started during the latter part of the year and will be completed sometime during the coming year. When available it will offer an opportunity for comparison between the graduates of 1937, data contained in a previous study, and the graduates of June, 1929.

9. An analysis of the academic success of students entering from schools accredited for one year, two years, or three years. This study has been in progress for the two past years and should be completed during the coming year.

Because of the confidential nature of the information in the above-mentioned studies, most of them have not been published in professional journals. It is hoped, however, that it will be possible to continue such investigations in order that the deans and faculties of the five schools and colleges whose records are kept in this office may be advised of administrative problems as they appear through analysis of the student's academic record.

Registration.—By June 19, 1940, each student in the five units handled by the Registrar's Office had been mailed a blueprint of his record with a revised issue of *Directions for Registration and Classification*. There were 5,142 blueprints sent to the students. The dispatch with which the grades were recorded, blue-printed, and mailed could not have been accomplished without the continued co-operation of the faculties. In February, 1940, 98.5 per cent of the grades in the College of Literature, Science, and the Arts were turned in on schedule, and in June, 99.88 per cent were turned in on schedule. Methods used in other grade reports have not been changed, and therefore these have not been repeated in this report.

General procedure in record keeping.—The faculties of the five Schools and Colleges and of the Extension Service, whose records are kept in this office, have been most co-operative during the year.

The Statistical Division of the Registrar's Office has continued to service us in connection with grade-posting by the use of tabulating cards and equipment. There is a definite University need, in our opinion, for enlarging the use of this equipment if the organization of the University makes it practicable. Two of the faculties of the University, whose records are kept in this office, requested during the spring of 1940 that this service be expanded and continued.

The records of all students graduating between July 1, 1939, and June 30, 1940, have been photostated on heavy-weight card stock in order that any information regarding faculty actions or notices of academic discipline which have expired before graduation of the student may be deleted. In

addition some 5,000 linen tracing-cloth records of former students who have not been enrolled in the University for five years or more were photostated during the year. The Alumni Catalog Office has continued to act as the storehouse for the original linen sheets on which the permanent records of students were kept.

After the conclusion of the 1939 summer session the two staff members handling senior records checked the records of some 30 per cent of students who would return as seniors in September, 1939. This enabled our office to handle more adequately requests from students and faculty regarding the courses needed for graduation by specified students. This experiment proved so successful it is hoped that we shall be able to continue it and check the records of all returning seniors during the coming years.

In order to eliminate duplication of work between this office and that of the Dean of the School of Forestry and Conservation, it seemed advisable that this office undertake to check the records of all students in this unit seeking their first or undergraduate degree.

Degree programs.—Students in the College of Literature, Science, and the Arts are admitted to the various fields of concentration as soon as they have earned at least 60 hours with an average of C grade or better on all work elected and have satisfied the requirement in English composition. A check card is made for every sophomore each semester and summer who will fulfill these two requirements when his grades are recorded at the end of the semester or summer.

Once each semester and summer session a tabulation of concentrates is made for the convenience of advisers and others, and the advisers are kept informed of the progress of the students in their fields by accompanying blueprints. The tabulation for the second semester, 1939–40, shows an increase of 68 juniors and a decrease of 24 seniors as compared with last year's figures.

Concentration choices.—For the second semester, 1939–40, the number of students in the College of Literature, Science, and the Arts concentrating in the various fields, as well as those eligible for concentration, is shown in the table below. Students with 24 or more hours on the degree program were considered to be of senior standing. Fields not listed have no students.

FIELD OF CONCENTRATION	JUNIORS	SENIORS	TOTAL
Economics	82	130	212
History	100	101	201
English	65	79	144
Zoology	72	69	141
Political Science	56	80	136
Speech	56	50	106
Chemistry	40	65	105
Sociology	50	47	97
Pre-Business Administration	36	..	84
Letters and Business Administration .....	..	48	
Pre-Law	40	..	66
Letters and Law .....	..	26	
Pre-Medicine	37	..	61
Letters and Medicine .....	..	24	
Psychology	20	39	59

FIELD OF CONCENTRATION	JUNIORS	SENIORS	TOTAL
Science and Mathematics	24	35	59
French	29	26	55
Library Science	..	51	51
Journalism	20	28	48
Social Work	28	17	45
Mathematics	18	23	41
Geography	17	23	40
Honors in Liberal Arts	20	3	23
Geology	8	14	22
Social Studies	13	9	22
Spanish	6	11	17
Anthropology	8	6	14
Philosophy	5	9	14
Latin	2	11	13
German	6	5	11
Physics	4	6	10
Fine Arts	1	7	8
Pre-Nursing	6	2	8
Pre-Dentistry	6	1	7
Botany	2	3	5
Pre-Business Administration and Law	4	..	4
American Culture	2	1	3
Music	2	1	3
Oriental Civilizations	1	2	3
Astronomy	1	1	2
Mineralogy	..	2	2
Greek	..	1	1
Landscape Architecture	..	1	1
Religion and Ethics	..	1	1
Not candidates for degrees	..	3	3
Concentration slips not returned	66	..	66
Total	953	1,061	2,014

Senior work.—The table below shows the distribution, by fields of concentration and sex, of degrees granted by the College of Literature, Science, and the Arts from July 1, 1939, to June 30, 1940, inclusive:

SUBJECT	MEN	WOMEN	SUBJECT	MEN	WOMEN
American Culture	1	..	Philosophy	1	3
Anthropology	2	2	Physics	6	..
Botany	3	1	Political Science	71	11
Chemistry	50	5	Pre-Business	40	2
Economics	119	7	Pre-Dental	1	..
English	20	58	Pre-Law	25	2
Fine Arts	..	5	Pre-Medicine	20	1
French	3	26	Pre-Nursing	..	1
Geography	17	6	Psychology	14	26
Geology	10	1	Religion and Ethics	1	..
German	6	4	Science and Mathematics	29	11
History	68	36	Social Studies	3	4
Journalism	17	11	Social Work	..	22
Landscape Design	..	1	Sociology	5	32
Latin	3	5	Spanish	7	5
Library Science	8	35	Speech	22	27
Mathematics	12	8	Zoology	39	23
Mineralogy	1	..	Old Plan	7	4
Music	2	1			
Oriental Civilizations	..	1			
				633	387

For information on degrees from the School of Education, School of Forestry and Conservation, and School of Music, see page 34.

Honor societies.—Records in this office were made available to representatives of various honor societies: Phi Beta Kappa, Phi Kappa Phi, Alpha Lambda Delta, Phi Eta Sigma, and all other recognized groups for choosing those eligible to election.

Recipients of honors at the University Honors Convocation, for the units whose records are kept in this office, were recommended by our staff.

Transcripts.—The table below shows the number of statements and official statements bearing seal and signature issued, and the amount of transcript fees received each month for the year beginning July 1, 1939, and ending June 30, 1940:

MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED	MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED	MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED
July	1,024	\$ 92	Nov.	436	\$ 96	Mar.	830	\$149
Aug.	776	136	Dec.	383	88	Apr.	521	110
Sept.	1,062	193	Jan.	551	160	May	537	105
Oct.	681	99	Feb.	1,454	297	June	1,295	167

Official transcripts were, in addition, presented to all graduating seniors, as has been the custom in the last few years. These complimentary transcripts were not included in the above figures. It is interesting to note that 2,430 official transcripts were sent to the various Schools and Colleges on the campus. This number, of course, does not include the blueprints sent to the College of Architecture and Design, and to the Schools of Education, Forestry, and Music at the end of each semester, nor the blueprints sent to the advisers.

Assignment of rooms.—The record of classroom use in several buildings on the campus, namely, Angell Hall, Mason Hall, University Hall, South Wing, Haven Hall, Economics Building, Romance Language Building, and Natural Science Building, is kept by the Registrar's Office. Many changes and adjustments from the original schedule must be made throughout the year to suit the needs of the various departments. A number of calls are also received for the use of rooms for meetings of campus organizations, of outside organizations convening in Ann Arbor, or for special lectures.

In general, the method remains the same as in past years, with authority for any nonroutine decision being in the hands of the Dean of the College of Literature, Science, and the Arts.

TOTAL DISTRIBUTION OF TRANSCRIPTS

July, 1939, to July, 1940

	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TOTALS
Prints	483	241	391	158	137	173	160	777	404	214	131	304	3,573
Photos	401	357	468	332	174	129	248	346	262	214	286	608	3,825
Ext., S. S.	12	49	13	12	0	0	15	226	32	2	1	212	574
Old Typed	29	19	32	35	19	9	23	12	17	13	10	33	251
State	99	110	158	144	106	72	105	93	115	78	109	138	1,327
Total	1,024	776	1,062	681	436	383	551	1,454	830	521	537	1,295	9,550
Notices	239	315	398	249	128	123	205	239	185	186	235	308	2,810
Refers	119	120	122	120	97	80	86	85	114	94	80	129	1,246
Receipts	\$ 92	\$136	\$193	\$ 99	\$ 96	\$ 88	\$160	\$297	\$149	\$110	\$105	\$167	\$1,692

STATISTICAL DIVISION

Enrollment.—Campus registrations continue to increase, with 5.4 per cent more students enrolled on November 1, 1939, than had ever before been in attendance on a corresponding date. Comparative enrollment figures, as of November 1, 1939, and November 1, 1938, follow:

NOVEMBER 1 CREDIT ENROLLMENT

GROUP	1939			1938			GAIN	
	Men	Women	Total	Men	Women	Total	Amount	%
Regular Session.....	8,532	3,566	12,098	8,150	3,325	11,475	623	5.4
Summer Session.....	3,582	2,012	5,594	3,642	2,129	5,771	—177	—3.1
Net Total, Regular and Summer.....	10,671	5,122	15,793	10,347	4,985	15,332	461	3.0
Extension Service:								
Class.....	348	617	965	567	1,204	1,771	—806	—45.5
Correspondence.....	226	105	331	243	144	387	—56	—14.5
Total Extension Credit.....	573	722	1,295	810	1,348	2,158	—863	—40.0
Net Total, Credit Enrollment.....	11,192	5,808	17,000	11,061	6,236	17,297	—297	— 1.7

NOVEMBER 1 NONCREDIT EXTENSION ENROLLMENT

GROUP	1939			1938			GAIN	
	Men	Women	Total	Men	Women	Total	Amount	%
Extension Service:								
Class.....	220	553	773	382	615	997	—224	—22.5
Correspondence.....	50	6	56	36	18	54	2	3.7

President Raymond Walters of the University of Cincinnati reports, in his annual enrollment survey appearing in *School and Society*, that 55 universities under public control showed a combined enrollment increase on November 1 of 2.5 per cent in their full-time students. This compares with a University of Michigan gain on the same date of 5.4. Mr. Walters reports an increase of 2.7 per cent in liberal arts freshman enrollment for the 55 publicly controlled institutions, corresponding to an increase of 9.4 per cent in the same group at the University of Michigan. Freshmen enrolled in the same institutions for a program in engineering increased in number 7.6 per cent while the University of Michigan engineering freshmen increased 7.4 per cent.

The November 1 enrollment again proved to be a dependable indication of the increases for the year. The regular session reached an all-time high, with 13,011 students and a gain of 4.6 per cent. It is interesting in this connection to refer to a report concerning trends in enrollments, published in the *University Record* for April 3, 1940. This report includes enrollment statistics from all institutions of 5,000 or more students in 1929–30, making reports over a ten-year period to the American Association of Collegiate Registrars. Enrollments were studied from 13 publicly controlled institutions, including Ohio State, Iowa, California, Cincinnati, Illinois, Minnesota, Missouri, Nebraska, Oklahoma, Pittsburgh, Texas, Washington, and Wisconsin and 8 privately controlled institutions, including Boston, Columbia,

Cornell, George Washington, New York, Northwestern, Syracuse, and Temple. The 1939-40 report for the publicly controlled group shows an increase in regular session enrollment of 1.3 per cent and for the privately controlled group a loss of 1.2 per cent, to be compared with the University of Michigan gain of 4.6 per cent.

The 1939 summer session experienced a loss in enrollment of 177 students, or 3.1 per cent. This compares with a gain of .6 per cent for the 13 publicly controlled institutions mentioned in the previous paragraph and a loss of .6 per cent for the privately controlled group. Since the 1938 enrollment of 5,771 was approximately 650 students larger than any previous summer registration, the 1939 decrease was not unexpected or of great concern.

The number of students who were enrolled for work in the Extension Service in credit courses decreased 485, or 13 per cent. The noncredit enrollments increased 1,425, or 45 per cent. Extension courses are organized to meet a popular demand and are continued when attendance justifies the offering. It would seem that there is a definite swing away from credit courses toward work of noncredit nature. In reporting correspondence enrollments, attention is called to the fact that only those students enrolling in these courses between July 1, 1939, and July 1, 1940, are included. Active previous enrollments are not taken into consideration.

An investigation of the trend in enrollment according to sex, over the last ten-year period, is shown on page 31. For the regular session, the male enrollment has remained at 70.2 per cent of the total for the last three years. In 1935-36, it reached the peak, with 72.1 per cent. For the summer session, the percentage of male enrollment has increased during the last three years to 64.0. In 1933, it reached the top point of 67.7 per cent. Extension credit courses are elected by more women than men. In 1939-40, 53.3 per cent were women, with 67.0 per cent in 1932-33, the high point.

The University of Michigan continues to attract students from every state in the Union, the District of Columbia, and from many countries outside continental United States. Canada sent 118 students, almost 40 per cent of whom were registered in the College of Engineering. China sent the next largest number, 80, with more than half enrolled for graduate work. The next largest groups were: Turkey 27, Puerto Rico 24, the Hawaiian Islands 23, the Philippine Islands 22, and Italy 15. For the first time an analysis of the enrollment according to the main sectional divisions of the United States was made. The North Central group, including students living in Michigan, contributed 73.1 per cent of the regular session enrollment. The North Atlantic group sent 18.6 per cent, the South Atlantic 2.2 per cent, the Western 2.0 per cent, and the South Central 1.5 per cent.

From the foregoing comparisons, it would seem that the University of Michigan has reason to be pleased with its enrollment record for 1939-40. For 1939-40, the National Youth Administration appropriation was increased from \$117,990 to \$122,580, or 3.9 per cent. The fact that these additional funds made it possible for an increased number of students to find employment accounts for some of the enrollment increase.

With the world in its present state of turmoil and the possibility of

the United States becoming involved, accurate predictions of future trends in enrollment are not possible.

For further figures showing enrollments according to division, sex, geographical location, and session, see the following tables:

STUDENT STATISTICS

TABLE I

ENROLLMENT OF STUDENTS BY SCHOOLS AND COLLEGES
REGULAR SESSION RESIDENT STUDENTS

SCHOOL OR COLLEGE	1939-40 ENROLLMENT			GAIN OR LOSS FROM 1938-39	
	Men	Women	Total	Number	Per Cent
L., S., and A.	2,892	1,990	4,882	248	5.4
Engineering	2,215	7	2,222	69	3.2
Medicine	441	39	480	0	0.0
Law	618	15	633	21	3.4
Pharmacy	69	13	82	3	3.8
Dentistry	161	27	188	16	9.3
Architecture	213	150	363	15	4.3
Education	131	325	456	-40	-8.1
Business Administration	223	10	233	57	32.4
Forestry and Conservation	170	0	170	-16	-8.6
Nursing	0	216	216	2	.9
Music	150	136	286	9	3.2
Graduate	2,078	1,005	3,083	210	7.3
Gross Total	9,361	3,933	13,294		
Duplicates between Schools and Colleges	230	53	283		
Net Total	9,131	3,880	13,011	577	4.6

1939 SUMMER SESSION STUDENTS

SCHOOL OR COLLEGE	1939 ENROLLMENT			GAIN OR LOSS FROM 1938	
	Men	Women	Total	Number	Per Cent
L., S., and A.	401	279	680	-91	-11.8
Engineering	459	1	460	5	1.1
Medicine	200	21	221	-5	-2.6
Law	182	2	184	9	5.1
Pharmacy	14	1	15	0	0.0
Dentistry	..	..	..	..	..
Architecture	42	24	66	10	17.9
Education	39	200	239	-128	-34.9
Business Administration	37	2	39	3	8.3
Forestry and Conservation	65	0	65	-6	-8.5
Nursing	..	..	..	..	..
Music	189	119	308	42	15.8
Graduate	1,968	1,363	3,331	-12	-.4
Gross Total	3,596	2,012	5,608		
Duplicates between Schools and Colleges	14	0	14		
Net Total	3,582	2,012	5,594	-177	-3.1

EXTENSION SERVICE STUDENTS

SCHOOL OR COLLEGE	1939-40 ENROLLMENT			GAIN OR LOSS FROM 1938	
	Men	Women	Total	Number	Per Cent
L., S., and A.	863	826	1,689	-228	-11.9
Engineering	193	2	195	-91	-31.8
Architecture	0	0	0	-23	-100.0
Education	504	853	1,357	-181	-11.8
Music	14	92	106	15	16.5
Gross Total	1,574	1,773	3,347		
Duplicates between Schools and Colleges	30	12	42		
Net Total	1,544	1,761	3,305	-485	-12.8

The following number of students, included above, were enrolled in correspondence Extension credit courses offered by the University co-operating with the Michigan Works Progress Administration. These figures represent only those students who enrolled between July 1, 1939, and July 1, 1940:

<i>Credit</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
L., S., and A.	565	342	907
Engineering	108	0	108
Net Total	650	342	992
Duplicates with class	1	1	2

The following were enrolled in noncredit courses and, with the exception of 30 men and 46 women who were enrolled in both credit and noncredit Extension courses, have not been counted in the above total:

<i>Noncredit</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
Class (Regular)	822	3,066	3,888
Class (Summer)	14	67	81
Net Total	835	3,129	3,964
Correspondence (Regular)	378	209	587
Correspondence (Summer)	27	3	30
Net Total	405	212	617
Net Total, noncredit class and correspondence	1,240	3,341	4,581

TABLE II
REGULAR SESSION
FIRST AND SECOND SEMESTER ENROLLMENT
1939-1940

SCHOOL OR COLLEGE	FIRST SEMESTER ENROLLMENT			FIRST SEMESTER ONLY			SECOND SEMESTER ONLY			SECOND SEMESTER ENROLLMENT		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
L., S., and A.	2,760	1,916	4,676	229	157	386	132	74	206	2,663	1,833	4,496
Engineering.	2,142	7	2,149	266	2	268	73	...	73	1,949	5	1,954
Medicine.	439	37	476	12	3	15	2	2	4	429	36	465
Law.	613	15	628	13	1	14	5	...	5	605	14	619
Pharmacy.	66	12	78	6	...	6	3	1	4	63	13	76
Dentistry.	160	27	187	8	1	9	1	...	1	153	26	179
Architecture.	197	142	339	23	21	44	16	8	24	190	129	319
Education.	110	254	364	21	65	86	21	71	92	110	260	370
Business Administration.	204	9	213	26	1	27	19	1	20	197	9	206
Forestry and Conservation.	160	...	160	13	...	13	10	...	10	157	...	157
Nursing.	139	216	216	...	26	26	...	...	...	138	190	190
Music.	139	128	267	12	17	29	11	8	19	138	119	257
Graduate.	1,677	821	2,498	406	243	649	401	184	585	1,672	762	2,434
Gross Total.	8,667	3,584	12,251	1,035	537	1,572	694	349	1,043	8,326	3,396	11,722
Duplicates.	108	11	119	3	...	3	3	...	3	125	16	141
Combined registration one semester, single other semester.				12	4	16	29	9	38			
Change of school at U. of M.				90	33	123	90	33	123			
Net Total.	8,559	3,573	12,132	930	500	1,430	572	307	879	8,201	3,380	11,581

TABLE III

 ENROLLMENT BY SCHOOLS AND COLLEGES OF RESIDENT REGULAR SESSION
 STUDENTS AND 1939 SUMMER SESSION STUDENTS*

SCHOOL OR COLLEGE	1939-40 ENROLLMENT			GAIN OR LOSS FROM 1938-39	
	Men	Women	Total	Number	Per Cent
L., S., and A.....	3,049	2,122	5,171	233	4.7
Engineering.....	2,333	7	2,340	82	3.6
Medicine.....	583	52	635	8	1.3
Law.....	675	16	691	9	1.3
Pharmacy.....	74	14	88	6	7.3
Dentistry.....	161	27	188	16	9.3
Architecture.....	225	158	383	21	5.8
Education.....	158	474	632	-157	-19.9
Business Administration.....	234	10	244	51	26.4
Forestry and Conservation.....	187	0	187	- 3	- 1.6
Nursing.....	0	216	216	2	.9
Music.....	318	237	555	54	10.8
Graduate.....	3,486	2,135	5,621	148	2.7
Gross Total.....	11,483	5,468	16,951		
Duplicates between Schools and Colleges.....	303	73	376		
Net Total.....	11,180	5,395	16,575	460	2.9

* Duplicates within each School or College between sessions have been deducted.

TABLE IV

 ENROLLMENT BY SCHOOLS AND COLLEGES OF ALL STUDENTS—RESIDENT AND
 NONRESIDENT, REGULAR SESSION STUDENTS, AND 1939
 SUMMER SESSION STUDENTS*

SCHOOL OR COLLEGE	1939-40 ENROLLMENT			GAIN OR LOSS FROM 1938-39	
	Men	Women	Total	Number	Per Cent
L., S., and A.....	3,900	2,934	6,834	- 2	-.03
Engineering.....	2,523	9	2,532	- 10	-.4
Medicine.....	583	52	635	8	1.3
Law.....	675	16	691	9	1.3
Pharmacy.....	74	14	88	6	7.3
Dentistry.....	161	27	188	16	9.3
Architecture.....	225	158	383	- 2	-.5
Education.....	662	1,312	1,974	-330	-14.3
Business Administration.....	234	10	244	51	26.4
Forestry and Conservation.....	187	0	187	- 3	- 1.6
Nursing.....	0	216	216	2	.9
Music.....	332	327	659	69	11.7
Graduate.....	3,486	2,135	5,621	148	2.7
Gross Total.....	13,042	7,210	20,252		
Duplicates between Schools and Colleges.....	496	160	656		
Net Total.....	12,546	7,050	19,596	5	.03

* Duplicates within each School or College between sessions have been deducted. The only Extension students included in this tabulation are those enrolled in courses for which credit may be given. Although the Extension Service students do not enroll in the Schools or Colleges, they have been grouped according to the division of the University from which instructors offering courses have been drawn.

TABLE V
ENROLLMENT FROM 1843 TO 1940

YEAR	TOTAL	YEAR	TOTAL
1843-44	53	1892-93	2,778
1844-45	53	1893-94	2,659
1845-46	70	1894-95	2,864
1846-47	67	1895-96	3,014
1847-48	89	1896-97	2,975
1848-49	77	1897-98	3,223
1849-50	72	1898-99	3,192
1850-51	159	1899-1900	3,441
1851-52	216	1900-01	3,712
1852-53	222	1901-02	3,709
1853-54	244	1902-03	3,792
1854-55	288	1903-04	3,957
1855-56	390	1904-05	4,136
1856-57	480	1905-06	4,571
1857-58	449	1906-07	4,746
1858-59	430	1907-08	5,010
1859-60	519	1908-09	5,223
1860-61	674	1909-10	5,383
1861-62	615	1910-11	5,381
1862-63	652	1911-12	5,582
1863-64	856	1912-13	5,805
1864-65	953	1913-14	6,258
1865-66	1,205	1914-15	6,857
1866-67	1,255	1915-16	7,214
1867-68	1,273	1916-17	7,517
1868-69	1,114	1917-18	6,734
1869-70	1,112	1918-19 (Not including 2,258, Sec. B., S.A.T.C.)	7,288
1870-71	1,110	1919-20	9,401
1871-72	1,207	1920-21	10,623
1872-73	1,163	1921-22	11,120
1873-74	1,105	1922-23	11,450
1874-75	1,191	1923-24	12,291
1875-76	1,129	1924-25	12,312
1876-77	1,111	1925-26	12,690
1877-78	1,230	1926-27	13,257
1878-79	1,372	1927-28	13,593
1879-80	1,427	1928-29	13,769
1880-81	1,534	1929-30	15,154
1881-82	1,534	1930-31	15,500
1882-83	1,440	1931-32	14,826
1883-84	1,377	1932-33	13,257
1884-85	1,295	1933-34	12,301
1885-86	1,401	1934-35	13,691
1886-87	1,572	1935-36	16,040*
1887-88	1,667	1936-37	18,043*
1888-89	1,882	1937-38	18,851*
1889-90	2,153	1938-39	19,591*
1890-91	2,420	1939-40	19,596*
1891-92	2,692		

NOTE.—This table includes Regular Session students, Summer Session students, and those taking Extension courses for which credit may be given.

* Including students enrolled in correspondence Extension credit courses:

1935-36	360
1936-37	1,051
1937-38	906
1938-39	927
1939-40	992

TABLE VI
MICHIGAN STUDENTS BY COUNTIES

COUNTIES IN MICHIGAN	POPULATION 1930 CENSUS	PUBLIC HIGH-SCHOOL ENROLLMENT, 1938-39	MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY				UNIVERSITY OF MICHIGAN FRESHMEN, 1939-40	UNIVERSITY OF MICHIGAN STUDENTS, 1939-40*
			Number of Schools 1938-39		Graduates 1938-39			
			Public	Non-Public	Public	Non-Public		
Alcona.....	4,989	174	1	0	17	0	0	4
Alger.....	9,327	622	5	0	135	0	1	18
Allegan.....	38,974	1,742	8	0	324	0	10	74
Alpena.....	18,574	798	1	2	124	36	1	21
Antrim.....	9,979	512	6	0	120	0	0	10
Arenac.....	8,007	438	2	0	92	0	2	26
Baraga.....	9,168	596	2	1	97	11	2	20
Barry.....	20,928	1,217	6	0	264	0	2	42
Bay.....	69,474	2,752	2	4	544	72	4	166
Benzie.....	6,587	428	3	0	66	0	1	15
Berrien.....	81,066	4,683	15	3	998	59	23	153
Branch.....	23,950	1,113	4	0	228	0	4	48
Calhoun.....	87,043	4,540	6	1	763	40	25	260
Cass.....	20,888	1,002	4	0	210	0	2	41
Charlevoix.....	11,981	781	4	0	173	0	0	19
Cheboygan.....	11,502	584	2	0	113	0	0	10
Chippewa.....	25,047	1,366	4	0	214	0	6	70
Clare.....	7,032	476	3	0	104	0	0	16
Clinton.....	24,174	1,021	5	0	182	0	0	39
Crawford.....	3,097	189	1	0	32	0	0	4
Delta.....	32,280	1,624	4	1	335	36	6	52
Dickinson.....	29,941	2,236	7	0	452	0	6	94
Eaton.....	31,728	1,924	8	0	409	0	0	41
Emmet.....	15,109	795	3	0	132	0	2	30
Genesee.....	211,641	13,047	16	3	2,268	134	26	410
Gladwin.....	7,424	495	2	0	89	0	0	14
Gogebic.....	31,577	2,276	4	1	522	35	7	101
Grand Traverse.....	20,011	1,000	2	1	174	25	1	60
Gratiot.....	30,252	1,750	6	0	378	0	0	47
Hillsdale.....	27,417	1,438	9	0	262	0	8	62
Houghton.....	52,851	2,885	8	1	598	32	5	70
Huron.....	31,132	1,375	11	0	287	0	0	31
Ingham.....	116,587	6,780	13	2	1,485	103	7	244
Ionia.....	35,093	1,622	6	1	293	15	4	45
Iosco.....	7,517	557	4	1	123	8	1	17
Iron.....	20,805	1,437	5	0	311	0	10	72
Isabella.....	21,126	966	4	1	196	25	1	42
Jackson.....	92,304	4,310	11	3	815	101	15	187
Kalamazoo.....	91,368	4,410	10	3	855	152	12	236
Kalkaska.....	3,799	186	1	0	23	0	0	7

* Including Regular Session, Extension, and 1939 Summer Session.

COUNTIES IN MICHIGAN	POPULATION 1930 CENSUS	PUBLIC HIGH-SCHOOL ENROLLMENT, 1938-39	MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY				UNIVERSITY OF MICHIGAN FRESHMEN, 1939-40	UNIVERSITY OF MICHIGAN STUDENTS, 1939-40*
			Number of Schools 1938-39		Graduates 1938-39			
			Public	Non-Public	Public	Non-Public		
Kent.....	240,511	10,419	20	5	2,090	417	23	652
Keweenaw.....	5,076	0	0	0	0	0	0	4
Lake.....	4,066	187	2	0	33	0	1	10
Lapeer.....	28,348	1,477	6	0	271	0	4	35
Leelanau.....	8,206	433	3	1	49	9	0	13
Lenawee.....	49,849	2,651	12	4	560	71	7	116
Livingston.....	19,274	1,023	5	0	212	0	4	49
Luce.....	6,528	346	2	0	66	0	0	18
Mackinac.....	8,783	343	2	0	42	0	1	12
Macomb.....	77,146	4,752	16	1	808	46	16	126
Manistee.....	17,409	1,007	7	0	203	0	4	37
Marquette.....	44,076	2,178	9	3	447	87	8	138
Mason.....	18,756	1,031	3	1	191	21	3	43
Mecosta.....	15,738	997	5	1	204	18	0	33
Menominee.....	23,652	1,374	3	0	241	0	3	45
Midland.....	19,150	1,247	2	0	207	0	2	37
Missaukee.....	6,992	371	3	0	70	0	0	19
Monroe.....	52,485	2,151	6	1	388	65	7	114
Montcalm.....	27,471	1,652	9	0	319	0	5	49
Montmorency.....	2,814	223	1	0	35	0	0	2
Muskegon.....	84,630	4,370	6	3	812	51	9	168
Newaygo.....	17,029	949	4	0	163	0	2	25
Oakland.....	211,251	12,970	23	6	2,375	225	86	707
Oceana.....	13,805	728	4	0	158	0	1	31
Ogemaw.....	6,595	390	2	0	74	0	1	6
Ontonagon.....	11,114	609	6	0	127	0	0	14
Osceola.....	12,806	846	5	0	162	0	0	22
Oscoda.....	1,728	186	2	0	34	0	1	8
Otsego.....	5,554	255	1	1	31	12	2	7
Ottawa.....	54,858	2,812	6	1	555	46	8	123
Presque Isle.....	11,330	554	2	0	99	0	1	11
Roscommon.....	2,055	150	2	0	32	0	0	6
Saginaw.....	120,717	5,501	5	5	979	149	21	383
Saint Clair.....	67,563	3,210	8	2	655	65	7	120
Saint Joseph.....	30,618	1,659	8	0	359	0	10	67
Sanilac.....	27,751	1,476	7	0	275	0	3	61
Schoolcraft.....	8,451	458	2	0	85	0	0	6
Shiawassee.....	39,517	2,150	7	1	406	22	11	79
Tuscola.....	32,934	1,708	11	0	338	0	1	36
Van Buren.....	32,637	2,327	11	0	519	0	3	117
Washtenaw.....	65,530	3,319	8	3	670	143	185	1,784
Wayne.....	1,888,946	85,101	39	46	15,110	2,300	307	3,449
Wexford.....	16,827	1,122	4	0	193	0	0	46
Total.....	4,842,325	242,859	507	114	45,454	4,631	941	11,746

* Including Regular Session, Extension, and 1939 Summer Session.

TABLE VII
1939-40 GEOGRAPHICAL DISTRIBUTION OF STUDENTS

RESIDENCE	REGULAR SESSION												Net Total Regular Session	1939 Summer Session	Extension Service	Net Total Entire University	
	L., S., & A.	Engineering	Medicine	Law	Pharmacy	Dentistry	Architecture	Education	Business Ad.	For. & Con.	Nursing	Music					Graduate
UNITED STATES																	
North Atlantic—18.6 Per Cent*	1,121	668	30	84	22	32	43	67	38	36	8	46	280	2,422	592	18	2,771
Connecticut.....	48	29	2	8	1	4	..	1	..	2	..	4	19	116	32	2	136
Maine.....	6	4	1	2	..	1	..	1	..	1	..	1	..	16	10	..	22
Massachusetts.....	85	34	2	2	2	1	2	5	2	5	1	3	26	168	46	1	197
New Hampshire.....	5	6	..	1	1	..	..	..	..	1	..	2	3	19	2	..	20
New Jersey.....	126	84	5	4	3	7	5	5	2	2	1	9	29	277	51	1	300
New York.....	675	434	14	38	12	18	28	39	28	17	4	14	150	1,435	267	9	1,579
Pennsylvania.....	159	71	5	28	3	1	7	9	6	8	2	10	50	352	166	4	467
Rhode Island.....	4	..	1	1	..	..	..	1	..	..	..	1	1	9	7	1	13
Vermont.....	13	6	..	..	..	..	1	6	..	1	..	2	2	30	11	..	37
South Atlantic—2.2 Per Cent*	77	65	11	12	5	1	6	8	6	10	2	10	77	280	354	3	585
Delaware.....	2	2	..	..	..	..	..	..	..	..	..	..	2	5	3	..	7
District of Columbia.....	16	14	..	2	1	..	1	1	..	2	1	1	12	49	22	..	63
Florida.....	18	10	..	1	..	..	..	..	1	..	..	2	7	39	35	1	69
Georgia.....	5	1	1	1	1	..	..	2	1	1	1	..	8	21	34	..	49
Maryland.....	10	15	1	1	2	1	1	1	..	1	..	..	4	37	29	..	63
North Carolina.....	2	1	1	1	..	..	1	..	1	1	..	2	9	17	73	..	85
South Carolina.....	..	1	..	..	..	..	..	1	1	1	..	1	8	12	28	1	36
Virginia.....	6	14	4	2	..	..	1	..	..	1	..	3	17	48	64	1	106
West Virginia.....	18	7	4	4	1	..	2	3	2	3	..	1	10	52	66	..	107

North Central—73.1 Per Cent*	3,556	1,335	407	493	53	149	275	358	178	105	202	212	2,393	9,513	4,074	3,269	15,037
Illinois.....	260	127	7	56	4	4	19	44	16	13	4	12	66	617	289	44	851
Indiana.....	119	20	5	22	..	..	12	8	4	4	8	23	33	254	143	3	367
Iowa.....	17	5	..	9	..	..	1	13	1	1	1	3	11	59	71	9	131
Kansas.....	6	5	1	11	..	..	2	..	2	2	..	4	13	46	66	1	106
Michigan.....	2,722	1,006	368	285	42	137	217	230	134	34	161	132	2,071	7,374	2,813	3,025	11,746
Minnesota.....	20	3	1	6	..	..	..	1	2	3	..	4	12	50	50	1	91
Missouri.....	25	18	..	14	2	..	1	5	2	5	..	3	22	96	98	5	187
Nebraska.....	12	3	1	12	..	..	7	1	..	..	..	4	12	50	36	3	84
North Dakota.....	8	2	..	2	..	..	1	3	1	..	..	1	2	21	7	..	27
Ohio.....	320	119	20	68	5	8	16	39	10	17	27	19	127	787	420	168	1,225
South Dakota.....	8	3	1	1	..	..	1	1	1	..	..	1	3	18	19	2	36
Wisconsin.....	39	24	3	7	..	..	5	7	4	26	..	5	22	141	62	8	186
South Central—1.5 Per Cent* ..	47	26	4	17	..	..	5	5	4	10	..	4	75	194	277	5	429
Alabama.....	7	2	1	..	..	..	1	2	..	..	..	..	14	27	40	..	61
Arkansas.....	..	2	..	1	..	..	1	1	..	1	..	..	5	11	13	..	23
Kentucky.....	14	4	1	5	..	..	3	..	2	..	..	..	13	42	46	3	83
Louisiana.....	1	3	1	2	..	..	..	1	..	..	..	1	4	12	26	..	36
Mississippi.....	2	1	..	2	..	..	..	..	1	..	..	..	3	9	15	..	18
Oklahoma.....	10	4	1	5	..	..	1	..	2	..	..	1	7	29	32	1	56
Tennessee.....	10	3	..	2	..	..	1	2	1	4	..	..	10	33	46	..	69
Texas.....	3	7	..	..	..	..	..	..	..	..	..	2	19	31	59	1	83
Western—2.0 Per Cent*	45	36	21	21	1	1	10	16	2	6	1	10	95	258	126	3	347
Arizona.....	1	3	1	1	..	..	..	8	..	..	..	..	7	21	10	1	29
California.....	17	11	2	3	..	..	1	1	1	4	..	1	26	63	35	..	88
Colorado.....	12	3	2	7	1	..	3	..	1	1	1	4	16	49	18	1	62
Idaho.....	1	4	4	1	..	..	..	..	..	..	..	3	8	21	5	..	22
Montana.....	3	4	4	1	..	..	2	1	..	..	..	1	3	18	9	..	25
Nevada.....	..	1	..	..	..	..	..	..	..	..	..	..	2	3	3	1	7
New Mexico.....	1	..	1	..	..	..	1	..	..	..	..	..	2	6	9	..	14
Oregon.....	..	1	2	1	..	..	2	..	1	..	..	..	6	13	8	..	19
Utah.....	..	1	..	1	..	..	3	2	..	..	..	..	9	16	13	..	26
Washington.....	4	5	6	4	..	1	..	..	..	..	..	1	12	33	13	..	39
Wyoming.....	6	2	..	1	..	..	1	1	..	..	..	..	4	15	3	..	16
Total, United States.....	4,846	2,130	473	627	81	183	339	454	228	167	213	282	2,920	12,667	5,423	3,298	19,169

* These percentages apply to the regular session only.

TABLE VII (Continued)
1939-40 GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Residence	REGULAR SESSION												Net Total Regular Session	1939 Summer Session	Extension Service	Net Total Entire University	
	L., S., & A.	Engineering	Medicine	Law	Pharmacy	Dentistry	Architecture	Education	Business Ad.	For. & Con.	Nursing	Music					Graduate
U. S. Dependencies—5 Per Cent*	8	11	6	4	1	2	3	2	1	..	1	..	30	69	25	1	75
Canal Zone.....	1	2	..	..	..	..	..	..	1	..	1	..	..	5	1	..	6
Hawaiian Islands.....	3	..	2	4	..	..	2	1	..	..	..	..	8	20	11	1	23
Philippine Islands.....	..	2	1	..	..	..	..	..	..	..	..	..	18	21	8	..	22
Puerto Rico.....	4	7	3	..	1	2	1	1	..	..	..	..	4	23	5	..	24
Foreign Countries—2.1 Per Cent*	28	81	1	2	..	3	21	..	4	3	2	4	133	275	146	6	352
Argentina.....	..	2	..	..	..	..	..	..	..	2	..	..	3	7	3	1	8
Australia.....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1
Bermuda.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1
Bolivia.....	..	2	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2
Brazil.....	..	1	..	..	..	..	..	..	..	..	..	..	4	5	..	..	5
Canada:																	
Alberta.....	1	1	..	..	..	..	..	..	..	..	..	..	2	4	3	..	7
British Columbia.....	..	2	..	..	..	1	..	..	..	..	..	..	2	5	1	..	6
Manitoba.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	5
Nova Scotia.....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2
Ontario.....	..	37	..	2	..	1	3	..	1	..	1	1	13	57	35	2	81
Quebec.....	1	2	..	..	..	..	2	..	..	1	..	..	3	8	6	..	12
Saskatchewan.....	..	2	..	..	..	..	..	..	..	..	..	..	..	2	4	..	5

MICHIGAN ENROLLMENT, REGULAR SESSION, SUMMER SESSION,
EXTENSION CREDIT, NET TOTALS

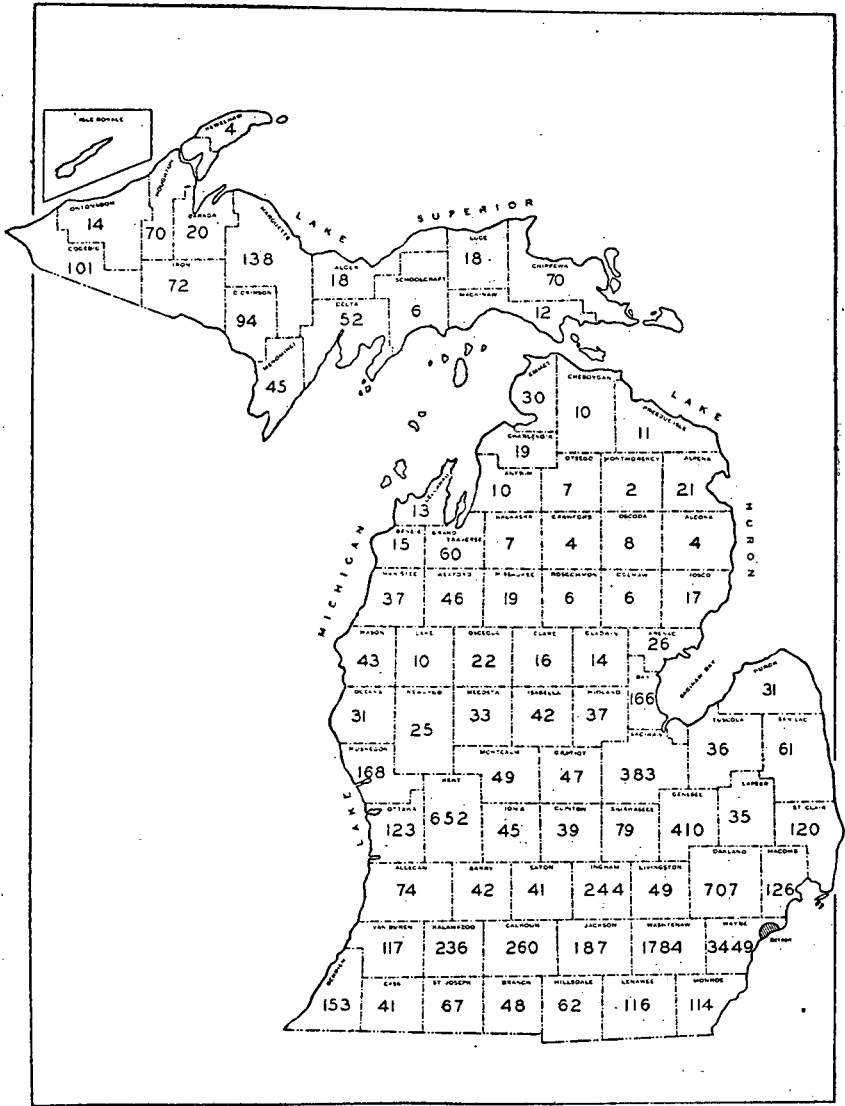


TABLE VIII
UNIVERSITY OF MICHIGAN
ENROLLMENT OVER A TEN-YEAR PERIOD DISTRIBUTED BY MEN AND WOMEN

YEAR	REGULAR SESSION			PREVIOUS SUMMER			EXTENSION CREDIT			NET TOTAL		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
1930-31	7,235	2,872	10,107	2,482	1,513	3,995	1,279	1,818	3,097	9,765	5,735	15,500
%	71.6	28.4		62.1	37.9		41.3	58.7		63.0	37.0	
1931-32	6,956	2,751	9,707	2,762	1,566	4,328	1,049	1,559	2,608	9,392	5,434	14,826
%	71.7	28.3		63.8	36.2		40.2	59.8		63.3	36.7	
1932-33	6,461	2,507	8,968	2,453	1,304	3,757	711	1,444	2,155	8,402	4,855	13,257
%	72.0	28.0		65.3	34.7		33.0	67.0		63.4	36.6	
1933-34	6,287	2,486	8,773	2,005	957	2,962	707	1,121	1,828	8,007	4,294	12,301
%	71.7	28.3		67.7	32.3		38.7	61.3		65.1	34.9	
1934-35	6,835	2,737	9,572	2,127	1,145	3,272	919	1,305	2,224	8,862	4,829	13,691
%	71.4	28.6		65.0	35.0		41.3	58.7		64.7	35.3	
1935-36	7,503	2,898	10,401	2,586	1,480	4,066	1,324	1,919	3,243	10,166	5,874	16,040
%	72.1	27.9		63.6	36.4		40.8	59.2		63.4	36.6	
1936-37	8,011	3,328	11,339	2,887	1,641	4,528	1,877	2,203	4,080	11,349	6,694	18,043
%	70.6	29.4		63.8	36.2		46.0	54.0		62.9	37.1	
1937-38	8,263	3,514	11,777	3,110	2,000	5,110	1,762	2,287	4,049	11,628	7,223	18,851
%	70.2	29.8		60.9	39.1		43.5	56.5		61.7	38.3	
1938-39	8,731	3,703	12,434	3,642	2,129	5,771	1,588	2,202	3,790	12,238	7,353	19,591
%	70.2	29.8		63.1	36.9		41.9	58.1		62.5	37.5	
1939-40	9,131	3,880	13,011	3,582	2,012	5,594	1,544	1,761	3,305	12,546	7,050	19,596
%	70.2	29.8		64.0	36.0		46.7	53.3		64.0	36.0	

TABLE IX
CREDIT AND NONCREDIT COURSES, INSTITUTES, AND CONFERENCES ENROLLMENT
1939-1940

GROUP	PERIOD OF STUDY	ENROLLMENT			GROUP TOTALS		
		Men	Women	Total	Men	Women	Total
TOTAL CREDIT ENROLLMENT.....					12,546	7,050	19,596
NONCREDIT COURSES							
Extension Service:							
Noncredit Class (Regular Session)	Semester	822	3,066	3,888			
Noncredit Class (Summer Session)	Summer	14	67	81			
Noncredit Correspondence (R.S.)	Varies	378	209	587			
Noncredit Correspondence (S.S.)	Varies	27	3	30			
Net Totals.....		1,240	3,341	4,581			
Postgraduate Medicine.....	Varies	1,970	79	2,049			
Postgraduate Dentistry.....	Varies	171	36	207			
Postgraduate Forestry.....	Varies	17	0	17			
Physics Symposium.....	Summer	113	7	120			
Special Students in School of Music	Summer	82	63	145			
Music Clinic for High-School Boys							
and Girls.....	July 10-29	77	24	101			
Alumni University.....	June 17-22	24	48	72			
Graduate Guests.....	Summer	75	10	85			
Total Noncredit Course Enrollment.....					3,769	3,608	7,377
Total.....					16,315	10,658	26,973
Duplicates.....					134	121	255
Net Total Credit and Noncredit Course Enrollment.....					16,181	10,537	26,718

TABLE IX (Concluded)

GROUP	PERIOD OF STUDY	ENROLLMENT			GROUP TOTALS		
		Men	Women	Total	Men	Women	Total
NONCREDIT INSTITUTES AND CONFERENCES							
First Institute on Secondary School Journalism.....	June 28-July 1	20	5	25			
Institute for Teachers of Latin... Educational Conference Week (including the Third Annual Reading Conference, the Book-Week Conference, and the Tenth Summer Educational Conference).....	July 10-15	9	156	165			
Special Program in Bacteriology.....	July 17-21	285	529	814			
	July 18-19-20-21-27-28-29-30	100	50	150			
Conference on Religion.....	July 23-28	36	5	41			
Ordinance Camp.....	July 30-Aug. 12	24	0	24			
National Institute for Traffic Safety.....	Aug. 13-26	149	6	155			
Michigan Life Conference on New Technologies in Transportation.....	Nov. 1-2-3	400	0	400	(est.)		
Tenth Annual Parent Education Institute.....	Nov. 7-8-9-10	147	1,068	1,215			
First Annual Michigan Pastors' Conference.....	Jan. 22-23-24	195	6	201			
Michigan-Ohio Foremen's Conference.....	April 13	1,681	6	1,687			
Conference of Trade and Commercial Organization Secretaries.....	April 19-20	30	0	30			
Fourth Annual Coal Utilization Institute.....	April 22	343	1	344			
Eighth Annual Adult Education Institute.....	April 29-May 3	6	1,004	1,010			
Total Institute and Conference Enrollments.....					3,425	2,836	6,261
Total.....					19,606	13,373	32,979
Duplicates.....					187	251	438
Net Total, Credit and Non-Credit Courses, Institutes, and Conferences.....					19,419	13,122	32,541

NOTE.—Enrollments for short noncredit courses, institutes, and conferences are somewhat irregular, and in some instances it is difficult to make a completely accurate report. Because of these irregularities and the fact that many women register under the names of their husbands at one time and use their given names at others, duplicate registrations have not all been eliminated.

Withdrawals.—The number of students leaving the University between September and June of the last four years and the relation of the number of these departures to the total number of students enrolled during the regular session is shown in the following table:

YEAR	REGULAR SESSION ENROLLMENT	DEPARTURES	RATIO OF DEPARTURES TO ENROLLMENT
1936-37	11,339	1,252	11.0
1937-38	11,777	1,280	10.9
1938-39	12,434	1,478	11.9
1939-40	13,011	1,598	12.3

The 1,598 departures in 1939-40 were for the following reasons: February, Home—203; Home at other times than February or June—6; Febru-

ary, N.T.R.—16; N.T.R. at other times than February or June—68; Ill health—118; Financial difficulties—29; Family illness and need—7; Attending school elsewhere—15; Employment—59; Reason not given, at least “C” average for the final semester—757; Reason not given, less than “C” average for the final semester—89; February graduation—231. Instances in which the student was asked to leave the University but immediately reinstated have not been included. February graduations and transfers to another school at the University of Michigan are not in the February graduation figure of 231.

It is understood that, in many instances, students do not give the complete or correct reason for withdrawal. Students leaving the University voluntarily in February are not required to make any statement concerning the reason for departure. Where the cause for the withdrawal has not been given, it has been necessary to indicate only the satisfactory or unsatisfactory status of the records of these students for their final semester.

Degrees.—During 1939–40, 3,372 degrees in course, the largest number ever granted, were conferred. The publicly and privately controlled institutions mentioned in the paragraphs on enrollment showed a joint increase of 4.8 per cent in the number of degrees granted. This compares with the University of Michigan increase of 6.1 per cent. For further analysis of the number receiving the various degrees and the years of University study required for each, please refer to the following tables:

TABLE X
DEGREES AND CERTIFICATES CONFERRED IN 1939–1940

	YEARS OF UNIVERSITY STUDY REQUIRED			MEN	WOMEN	TOTAL
	4	5	6			
College of Literature, Science, and the Arts						
Bachelor of Arts	4			519	332	851
Bachelor of Arts in Library Science	5			8	35	43
Bachelor of Science	4			83	20	103
Bachelor of Science in Chemistry	4			23	0	23
College of Engineering						
Bachelor of Science in Engineering						
Aeronautical Engineering	4 plus 1 S.S.			49	0	49
Business Administration	4 plus 1 S.S.			8	0	8
Chemical Engineering	4 plus 1 S.S.			77	0	77
Civil Engineering	4 plus 1 S.S.			27	0	27
Electrical Engineering	4 plus 1 S.S.			40	0	40
Engineering Mechanics	4 plus 1 S.S.			1	0	1
Law	4 plus 1 S.S.			3	0	3
Mathematics	4 plus 1 S.S.			12	0	12
Mechanical Engineering	4 plus 1 S.S.			132	0	132
Metallurgical Engineering	4 plus 1 S.S.			18	0	18
Naval Architecture and Marine Engineering	4 plus 1 S.S.			24	0	24
Physics	4 plus 1 S.S.			12	0	12
Transportation	4 plus 1 S.S.			7	0	7
Medical School						
Doctor of Medicine	7			115	10	125
Law School						
Bachelor of Laws }	7			98	0	98
Juris Doctor						
Master of Laws	8			4	0	4

TABLE X (Continued)

Law School (Continued)	YEARS OF UNIVERSITY STUDY REQUIRED		MEN	WOMEN	TOTAL
	9-12 or 8-11 on the combined curriculum				
Doctor of the Science of Law	9-12 or 8-11 on the combined curriculum		2	0	2
College of Pharmacy					
Bachelor of Science in Pharmacy	4		11	2	13
School of Dentistry					
Doctor of Dental Surgery	6		35	0	35
College of Architecture					
Bachelor of Architecture					
Architecture	5		2	0	2
Bachelor of Design	4		5	27	32
Bachelor of Science in Architecture					
Architecture	4		20	0	20
Architectural Engineering	4		2	0	2
School of Education					
Bachelor of Arts in Education	4		22	52	74
Bachelor of Science in Education	4		10	30	40
School of Business Administration					
Master of Business Administration	6	{ or 5 on the combined curriculum }	66	2	68
School of Forestry and Conservation					
Bachelor of Science in Forestry	4 plus 1 S.S.		60	0	60
Master of Forestry	5 plus 1 S.S.		15	0	15
School of Music					
Bachelor of Music					
Music Education	4		7	15	22
Music Literature	4		2	0	2
Organ	4		2	2	4
Piano	4		2	6	8
Public School Music	4		2	0	2
Theory	4		1	0	1
Violin	4		2	1	3
Violoncello	4		0	1	1
Master of Music					
Chamber Music	5		1	0	1
Composition	5		3	0	3
Music Education	5		4	3	7
Musicology	5		4	1	5
Organ	5		1	3	4
Piano	5		4	2	6
Public School Music	5		19	8	27
Theory	5		4	6	10
Violin	5		3	1	4
Voice	5		3	1	4
Rackham School of Graduate Studies					
Master of Arts	5		367	297	664
Master of Arts in Library Science	6		8	7	15
Master of Landscape Design	5		1	0	1
Master of Public Administration	6		4	1	5
Master of Science	5		225	44	269
Master of Science in Architecture	5		1	0	1
Master of Science in Chemistry	5		5	0	5
Master of Science in Engineering	5 plus 1 S.S.		24	0	24
Master of Science in Industrial Engineering	5		1	0	1

TABLE X (Continued)

	YEARS OF UNIVERSITY STUDY REQUIRED		MEN	WOMEN	TOTAL
Master of Science in Public Health	5 plus 3 mos. practical experience		46	19	65
Master of Science in Public Health Engineering	5 plus 6 mos. field work		1	0	1
Master of Social Work	6		3	2	5
Civil Engineer }	4 undergraduate years plus 5 years' professional experience plus 1 graduate year		2	0	2
Mechanical Engineer }			4	0	4
Doctor of Philosophy	7		114	14	128
Doctor of Public Health	7		2	1	3
Doctor of Science	7 plus 3 mos. practical experience		8	2	10
Special Certificates and Diplomas					
Certificate in Anesthesia	1 calendar year		0	2	2
Certificate in Dental Hygiene	2		0	14	14
Certificate in Journalism (granted with degree)	4		10	11	21
Certificate of Proficiency in Postgraduate Medicine	Varies		38	1	39
Certificate in Public Health Nursing	1½		0	40	40
Certificate in Social Work	4 plus 1 yr. prac. exp.		0	4	4
Teacher's Certificates (granted with degree)					
State Secondary Provisional Certificates					
College of Literature, Science, and Arts	4		27	98	125
College of Architecture	4		1	6	7
School of Education	4		29	53	82
Horace H. Rackham School of Graduate Studies	4		9	3	12
State Elementary Provisional Certificates					
College of Literature, Science, and the Arts	4		0	2	2
School of Education	4		0	14	14
Horace H. Rackham School of Graduate Studies	4		1	2	3
Junior College Permanent Certificates					
College of Literature, Science, and the Arts	4		0	1	1
Horace H. Rackham School of Graduate Studies	4		9	2	11
Registered Nurse's Diplomas	3 calendar years		0	41	41
Commissions					
U.S. Army Officers Reserve Corps					
Chemical Warfare Service	4 plus 1 S.S.		4	0	4
Corps of Engineers	4 plus 1 S.S.		14	0	14
Infantry	4 plus 1 S.S.		28	0	28
Ordnance	4 plus 1 S.S.		20	0	20
Quartermaster Corps	4 plus 1 S.S.		1	0	1
Signal Corps	4 plus 1 S.S.		10	0	10
U.S. Marine Corps	4 plus 1 S.S.		1	0	1

TABLE X (Concluded)

Honorary Degrees

Master of Arts: Charles Baird	Doctor of Engineering: John Castlereagh Parker
Master of Engineering: Harvey Milton Merker	Doctor of Laws: Fenton Whitlock Booth
Master of Laws: Howard L. Barkdull	Junius Emery Beal
Master of Science: Norma Bertha Elles	Burton Kendall Wheeler
L. D. Havenhill	Doctor of Science: Thomas Benton Cooley
Percival C. Lowery	Samuel Colville Lind
Francis Eugene Seneor	Stuart Pritchard
Oliver Wilson White	

SUMMARY OF DEGREES AND CERTIFICATES CONFERRED IN 1939-40

	MEN	WOMEN	TOTAL
Total Degrees in Course	2,425	947	3,372
Special Certificates and Diplomas	124	294	418
Commissions	78	0	78
Honorary Degrees	14	1	15

NOTE.—3,178 degrees in course, 421 special certificates and diplomas, 66 commissions, and 14 honorary degrees were granted in 1938-39.

Faculty statistics.—Two deans, 3 professors, and 1 associate professor were added to the emeritus list in 1939-40, although this represents an increase of only 4 individuals. The following new appointments were made: Henry Moore Bates, Ph.B., LL.B., LL.D., Professor Emeritus of Law and Dean Emeritus of the Law School; Herbert Charles Sadler, D.Sc., LL.D., Professor Emeritus of Naval Architecture and Marine Engineering and Dean Emeritus of the College of Engineering; Horace Williams King, B.S.(C.E.), Professor Emeritus of Hydraulic Engineering; John William Scholl, A.M., Ph.D., Associate Professor Emeritus of German.

Although the number of regular session students increased 577 over the preceding year, only three more faculty members with the rank of instructor or above are recorded upon the basis of the budget as originally adopted. In the 1939 summer session, the enrollment decreased 177 students below the total for the 1938 summer session. The decrease of teaching faculty with rank of instructor or above was 14. Detailed figures, showing the faculty distribution according to sex and Schools and Colleges, follow:

FACULTY STATISTICS

1939-1940

UNIVERSITY STAFF BY RANKS

1. Officers and Faculty Emeritus:

Dean Emeritus of Women	1
Dean Emeritus of the College of Engineering	1
Dean Emeritus of the Colleges of Engineering and Architecture	1
Dean Emeritus of the Medical School	1
Dean Emeritus of the Law School	1
Dean Emeritus of the School of Education	1

FACULTY STATISTICS (*Concluded*)

Professors Emeritus:		
College of Literature, Science, and the Arts	.....	15
College of Engineering	.....	2
Medical School	.....	6
Law School	.....	3
College of Pharmacy	.....	1
School of Dentistry	.....	1
School of Education	.....	1
Director Emeritus of the University Extension Service	.....	1
Associate Librarian Emeritus	.....	1
Associate Professors Emeritus:		
College of Literature, Science, and the Arts	.....	6
Total	.....	43
*Duplicates	.....	5
Net Total	.....	38

2. Teaching Faculty:

	MEN	WOMEN	TOTAL
†Regular Session:			
Professors	236	3	239
Associate Professors	141	8	149
Assistant Professors	166	12	178
Instructors	172	35	207
Total	715	58	773
1939 Summer Session:			
Professors	120	2	122
Associate Professors	74	1	75
Assistant Professors	91	2	93
Instructors	63	23	86
Total	348	28	376
Net Total, Regular Session and 1939 Summer Session:			
Professors	248	4	252
Associate Professors	141	8	149
Assistant Professors	172	12	184
Instructors	175	37	212
Total	736	61	797
Extension Service:			
Credit Courses			
Class	72	7	79
Correspondence	4	8	12
Noncredit Courses			
Class	29	6	35
Correspondence	7	9	16
Duplicates between Credit and Noncredit			
Class	—2	0	—2
Correspondence	—1	0	—1
Net Total	109	30	139

* Dean Emeritus of the School of Education and Professor Emeritus of Educational Administration and Supervision; Professor Emeritus of Bacteriology and Dean Emeritus of the Medical School; Professor Emeritus and Director Emeritus of the University Extension Service; Professor Emeritus of Law and Dean Emeritus of the Law School; Professor Emeritus of Naval Architecture and Marine Engineering and Dean Emeritus of the College of Engineering.

† Based upon the budget as originally adopted.

1939-1940 DISTRIBUTION OF TEACHING FACULTY BY SCHOOLS AND COLLEGES

RANK	L., S., & A.	Eng.	Arch.	Med.	Law	Pharm.	Dent.	Ed.	Bus. Ad.	For. and Con.	Nursing	Music	Graduate*	Hyg. and P.H. and Phys. Ed.	Mil. Sci.	Net Total for Academic Year†	1939 Summer Session	Net Total 1939-40
Professor.....	99	42	6	22	15	2	8	15	9	8	0	8	2	6	1	239	122	252
Associate Professor.....	70	31	6	18	3	1	1	6	3	4	0	3	2	2	0	149	75	149
Assistant Professor.....	80	32	7	28	1	1	8	5	2	0	0	6	0	3	7	178	93	184
Instructor.....	54	17	6	64	0	0	17	6	1	0	8	17	0	18	0	207	86	212
Total.....	303	122	25	132	19	4	34	32	15	12	8	34	4	29	8	773	376	797

* Other faculty teaching graduate courses are included in the other Schools and Colleges.

† The following duplicates have been deducted from these totals: Professors, L., S., & A.-Ed., 2; L., S., & A.-Bus. Ad., 1; Ed.-Hyg. & Pub. Health, 1; Associate Professors, L., S., & A.-Grad., 1; Assistant Professors, L., S., & A.-Bus. Ad., 1; Ed.-Phys. Ed., 1; Instructors, Ed.-Phys. Ed., 1.

The Honors Convocation.—The seventeenth Annual Honors Convocation was held Friday, April 26, 1940, in Hill Auditorium at eleven o'clock. Francis Pendleton Gaines, A.B., A.M., Ph.D., Litt.D., LL.D., President of Washington and Lee University, was the principal speaker for the occasion. The total number of students honored was 884, or 28 more than the previous year. It was decided by the committee that the group of students included in the program under "Recipients of special scholarship awards" should be composed exclusively of those students who received awards "based upon outstanding achievement in particular fields." This eliminated several of the awards included in previous convocations and decreased the number of recipients in this group by 38. This decrease was more than made up by increases in the number of freshmen and juniors honored and by the fact that the number of duplicates in 1940 was 23 less than for the preceding year.

This convocation is held at the time of the annual meeting of the Michigan Schoolmasters' Club, and comments from attending members seem to indicate that the opportunity their members have of attending this program is appreciated.

Figures showing the number of students honored in the various groups follow:

HONORS CONVOCATION 1940			
	MEN	WOMEN	TOTAL
Seniors with averages of at least "B" and holding rank in the highest 10 per cent of the class	156	69	225
Students with an average of at least $\frac{1}{2}$ "A" and $\frac{1}{2}$ "B"			
Juniors	83	22	105
Sophomores	59	20	79
Freshmen	80	53	133
Graduate School			
Fellowships and scholarships	83	18	101
Other honor students	160	23	183
Recipients of special scholarship awards	112	36	148
Total Citations	733	241	974
*Duplicates	72	18	90
Total Students Honored	661	223	884

* 56 men and 14 women received 2 citations each; 8, men and 2 women received 3 each.

Grade reports to other units.—Complete lists of all grades and faculty action earned by students in the College of Literature, Science, and the Arts were sent to the Dean of Students, the Dean of Women, the Academic Counselors, and the Board in Control of Physical Education. For the Director of Residence Halls, grades earned by all men living in residence halls were reported, grouped according to hall of residence. Since only those grades for students in the College of Literature, Science, and the Arts and freshmen were on course cards in this office, the Associate Resident Adviser in Charge of Scholarship Records co-operated with this office in gathering additional necessary grades. Changes in grades and faculty action were reported to the various offices to which lists were sent.

Freshman grade reports.—In March, reports of the first semester record of all of their former students enrolled as freshmen were mailed to all high-school principals. In addition to courses elected, hours of credit, and grades, these reports showed the division of the University in which each student was enrolled, faculty action if any, and scores on psychological and English tests. Other sheets showing the grade point averages earned by all freshmen in freshman courses, and the distribution of grades earned by freshmen in each School and College were included. Many expressions of appreciation of this service have been received from the principals.

For office record, both first and second semester grades, faculty action; best results, rank in high-school graduating class, and registrar's rating were mechanically posted to a freshman ledger.

Scholarship chart.—A welcome change in the method of reporting averages for the various campus groups was made in 1939-40, permitting a more equitable comparison. Under the new scheme of reporting, general fraternity and sorority averages are accompanied by a distribution of fraternity membership according to class level and total semesters completed during the year by members of each group. This discourages unfair comparisons between groups of dissimilar size and personnel. It also makes it possible to recognize and distinguish between work done by large and small organizations.

Averages for the dormitories were divided into two groups. The first group included those dormitories and league houses where 50 per cent or more of the residents were above freshman level. The second group comprised those having more than 50 per cent of the residents of each house freshmen. As in the case of the fraternity and sorority groups, the total semesters completed during 1939-40 by the residents of each house were indicated.

It is realized by all of those responsible for formulating rules governing the presentation of this scholarship material that unfair comparisons will still be made, since two groups are seldom equal in number and alike in class level of membership.

Phi Sigma Delta placed first among the 41 general fraternities, with an average of 2.78. For the general sororities, Delta Gamma ranked at the top of the 18, with a grade point average of 2.80. Phi Delta Epsilon, with 2.98 was at the head of the medical groups; Delta Theta Phi, with 2.38 was slightly below Lawyers Club, with 2.41 for the law groups; Alpha Omega, with 2.54 ranked at the top of the dental groups. Alumnae House, with a better than "B" average of 3.15 led the upperclass dormitories and league houses. Zuck, with 2.47, was first among the freshman dormitories and league houses, although the group completed only 15 semesters and is not far in advance of Winchell House, with an average of 2.45 and 193 semester hours completed.

Independent women at the top of their respective classes were honored at the Assembly Banquet, as follows:

Freshman—Margaret Avery
Sophomore—Shirley Stumpmeyer
Junior—Isabella Lugoski

Averages for the general groups for 1939-40, compared with 1938-39, follow:

GROUP	GRADE-POINT AVERAGE*		Change
	1939-40	1938-39	
General sororities	2.60	2.61	— .01
Independent women students	2.59	2.61	— .02
Women students	2.57	2.59	— .02
Upperclass women's dormitories	2.57	†	
Independent men students	2.51	2.50	.01
Men and women	2.51	2.52	— .01
Men students	2.48	2.49	— .01
General fraternities	2.48	2.50	— .02
Upperclass men's dormitories	2.47	†	
Freshman men's dormitories	2.36	†	
Freshman women's dormitories	2.35	†	
Freshman women	2.34	†	
All freshmen	2.34	†	
Freshman men	2.33	†	
Medical fraternities	2.68	2.65	.03
All medical students	2.66	2.65	.01
Independent medical students	2.63	2.66	— .03
Law fraternities	2.32	2.23	— .09
All law students	2.28	2.28	.0
Independent law students	2.26	2.29	— .03
Independent dental students	2.50	2.43	.07
All dental students	2.48	2.40	.08
Dental fraternities	2.47	2.39	.08

* The rank is figured using the scale A-4 grade points; B-3; C-2; D-1; E-O. Medical, law, and dental students are not included in the groups above the medical fraternities. Because of lack of uniformity between the grading systems in the professional and those in the nonprofessional schools in the University, it seems advisable to consider medical, law, and dental students as separate groups. The comparison of these schools, either with each other or with the rest of the University, is not significant.

† For the first time, in 1939-40, the dormitory groups were divided into predominantly upper-class or freshman resident groups. There are no comparable figures for 1938-39.

Remarks.—It is still difficult to prepare statistically significant reports for the University as a whole because of the various grade systems in effect and the different methods of recording. Because of the widely separated sources from which any material must be gathered, the amount of clerical time and effort necessary to complete some of our reports is discouragingly large, in comparison with the amount required under a centralized plan of recording similar to that in operation in almost all other institutions comparable to the University of Michigan. Without a general administration building, a satisfactory solution of this problem is impossible, no doubt. If, at any time, adequate space is available for housing all records in one building, it is the hope of the members of the statistical service that serious consideration may be given to making such a change.

EDITORIAL DIVISION

The publications issued by the Editorial Division during 1939-40 consisted of the 105 numbers of Volume 41 of the University of Michigan Official Publication and 78 nonserial publications, which include the 270 School of Music and University Musical Society programs, counted as 1 nonserial. For a list of the serial publications, see page 43.

The following new serial publications were issued during the year: *Ann Arbor Conservation Notes*, "Book List for Boys and Girls," "First Annual Michigan Pastors' Conference, 1940," "The University of Michigan" (a pictorial bulletin), "Internal Combustion Engine Institute" (Summer Session, 1940), "Michigan Repertory Players Souvenir Program, 1939," "Graduate Study Program—American Culture and Institutions" (Summer Session, 1940), and *Lectures in Journalism, 1938-39*. The nonserial publications edited and seen through the press for the first time were: "Loan Exhibition of Latin-American and Pre-Columbian Art," *Bureau of Government Pamphlets* Nos. 3, 4, 5, and 6, *Michigan Governmental Studies* No. 3 (*Voting Behavior: A Case Study*), *Forestry and Conservation Circular*, No. 5 ("Apparatus for Measuring Metabolism and Activity in Wild Animals"), two issues of *Ars Islamica*, and a book—*Notes on the Literature of the Piano*, by the late Albert Lockwood.

Other bulletins that were proofread by the Editorial Division included the *Regents' Proceedings*, "Evaluation of Faculty Services" (Administrative Studies, Vol. I, No. 3), *What to Read (Alumni Reading Lists, Third Series)*, the *University Record*, the *May Festival Libretto*, *Occasional Papers* and *Miscellaneous Publications* from the Museum of Zoology, and *Contributions from the Laboratory of Vertebrate Genetics*.

The editing of the nine fascicles of "The University of Michigan—An Encyclopedic Survey" continues.

Through the fine co-operation of the departments of the various Schools, Colleges, and administrative divisions, the *University Directory for 1939-40* was again issued October 4.

The *Register of Staff and Graduates for 1939-40* was issued October 3, 1940, three months earlier than it was the year before. This early delivery resulted from the change in the procedure of preparing copy for the *Register*. The copy was corrected and kept up to date as changes in title, new appointments, and resignations appeared in the *Regents' Proceedings*. Thus, shortly after the close of the year 1939-40, the copy was ready for the printer.

In order to facilitate the checking of the *Regents' Proceedings* against the faculty file, the Business Office agreed to send to the Registrar copies of all appointment letters. By checking the original appointments against the faculty file, any errors in the spelling of names, degrees, or titles which might arise could be corrected before the appointments were recorded in the *Regents' Proceedings*. This checking also helps to make the records in the President's Office, the Business Office, and the Registrar's Office uniform.

The NYA students brought the master file of all courses given in the University up to date. These cards, which now cover a ten-year period, were used for a study of the increase and decrease in the number of undergraduate and graduate courses offered in each department of the College of Literature, Science, and the Arts during the last ten years. This file is available to any School or College on campus that desires to make a similar study.

Respectfully submitted,

IRA M. SMITH, Registrar

ADMINISTRATIVE PUBLICATIONS OF THE UNIVERSITY*
UNIVERSITY OF MICHIGAN OFFICIAL PUBLICATION

VOLUME XLI†

SERIAL

NO.

1. Report of the Medical School, 1938-39 (Reprint from Vol. 40, No. 77). 36 pp.
2. Institute for Teachers of Latin, S.S., 1939. 6 pp.
3. Institute of Latin-American Studies, S.S., 1939. 16 pp.
4. Educational Conference Week, S.S., 1939. 2 pp.
5. The Linguistic Institute, S.S., 1939. 20 pp.
6. Courses in Library Science, 1939-40. 8 pp.
7. Proceedings of the Twenty-fifth Annual Highway Conference, 1939. 130 pp.
8. Law School Announcement, 1939-40. 64 pp.
- ‡9. Bureau of Alumni Relations—Twenty-ninth General Bulletin. 16 pp.
10. Directions for Registration and Classification, First Semester, 1939-40. 24 pp.
11. School of Music Announcement, 1939-40. 174 pp.
12. Field Course in Education, 1939-40. 4 pp.
13. Institute of Public and Social Administration—Curriculum in Public Administration, 1939-40. 38 pp.
14. Institute of Public and Social Administration—Curriculum in Social Work at Detroit, 1939-40. 30 pp.
15. Where Religions Meet—A Conference on Religion, 1939. 8 pp.
16. College of Literature, Science, and the Arts Announcement, 1939-40. 302 pp.
17. School of Education Announcement, 1939-40, 1940-41. 96 pp.
18. Library Extension Service, 1939-40. 16 pp.
19. Education Courses for Part-Time Students, 1939-40. 4 pp.
20. School of Business Administration Announcement, 1939-40. 104 pp.
21. Extension Credit and Noncredit Courses, First Semester, 1939-40. 24 pp.
22. School of Dentistry Announcement, 1939-40. 76 pp.
23. School of Dentistry Alumni Bulletin, August, 1939. 24 pp.
24. The Avery Hopwood and Jule Hopwood Awards, Bulletin No. 9. 30 pp.
25. Horace H. Rackham School of Graduate Studies Announcement, 1939-40. 354 pp.
26. Annual Report of the Bureau of Co-operation with Educational Institutions, 1938-39. 34 pp.
27. Division of Hygiene and Public Health—Programs of Study, 1939-40, 1940-41. 64 pp.
28. University Extension Lectures, 1939-40. 44 pp.
29. Register of Students, 1938-39. 562 pp.
30. College of Architecture and Design Announcement, 1939-40. 102 pp.
31. Michigan High School Forensic Association, 1939-40. 68 pp.
32. Field Course in Education, 1939-40 (Reprint of Serial No. 12). 6 pp.
33. School of Education Supplementary Announcement, 1939-40. 12 pp.
34. Neuropsychiatric Institute Announcement, 1939. 14 pp.
35. The Avery Hopwood and Jule Hopwood Awards (Reprint from Serial No. 24). 8 pp.
36. Graduate Division—Michigan State Normal College Announcement, 1939-40. 8 pp.
37. Graduate Division—Central State Teachers College Announcement, 1939-40. 8 pp.
38. Graduate Division—Western State Teachers College Announcement, 1939-40. 8 pp.
39. Supervised Correspondence Study Courses, 1939-40. 24 pp.
40. General Register Issue, 1937-38, Sections I and II. 2,966 pp.
41. University of Michigan Directory, 1939-40. 180 pp.
42. University Radio Programs Announcement, 1939-40. 20 pp.
43. School of Dentistry Alumni Bulletin, October, 1939. 24 pp.

* These publications are edited by the Editorial Office, Registrar's Office.

† This series includes official announcements of courses and reports.

‡ Not handled by the Editorial Office.

44. Tenth Annual Parent Education Institute, 1939. 24 pp.
- ‡45. Financial Report of the University of Michigan, Year Ended June 30, 1939. 76 pp.
- ‡46. Bureau of Alumni Relations—Thirtieth General Bulletin. 16 pp.
47. College of Engineering Announcement, 1939–40, 1940–41. 238 pp.
48. School of Music Programs, 1938–39. 124 pp.
49. Book List for Boys and Girls. 6 pp.
50. Medical School Announcement, 1939–40. 128 pp.
51. Information for Prospective Freshmen. 32 pp.
52. Bulletin of General Information, 1940–41. 92 pp.
53. Extension Credit and Noncredit Courses, Second Semester, 1939–40. 20 pp.
54. University Hospital School of Nursing Announcement, 1940–41. 44 pp.
55. Register of Staff and Graduates, 1938–39. 230 pp.
56. First Annual Michigan Pastors' Conference, 1940. 20 pp.
57. Pictorial Bulletin of the University of Michigan, 1940. 20 pp.
58. Summer Session Abridged Announcement, Campus Edition, 1940. 32 pp.
59. Biological Station, S.S., 1940. 20 pp.
60. Lawyers Club Bulletin. 12 pp.
61. College of Pharmacy Announcement, 1940–41. 66 pp.
62. Law School, S.S., 1940. 8 pp.
63. Summer Session Abridged Announcement, Regular Edition, 1940. 32 pp.
64. Avery Hopwood and Jule Hopwood Awards, S.S., 1940. 4 pp.
65. School of Education, S.S., 1940. 16 pp.
66. The President's Report, 1938–39. 420 pp.
67. Courses in Library Science, S.S., 1940. 8 pp.
- ‡68. Bureau of Alumni Relations—Thirty-first General Bulletin. 16 pp.
69. Internal Combustion Engine Institute, S.S., 1940. 16 pp.
70. Institute of Public and Social Administration—Curriculum in Social Work at Detroit, 1940–41. 30 pp.
71. School of Dentistry Alumni Bulletin, March, 1940. 32 pp.
72. Semester Fees, 1940–41. 2 pp.
73. Michigan Repertory Players Souvenir Program, 1939. 16 pp.
74. Law School Announcement, 1940–41. 68 pp.
75. Field Courses in Geology and Surveying, S.S., 1940. 16 pp.
76. Ann Arbor Conservation Notes. 6 pp.
77. Information for Prospective Freshmen (Reprint of Serial No. 51). 32 pp.
78. Second Annual Michigan-Ohio Foremen's Conference, 1940. 6 pp.
79. School of Music, S.S., 1940. 32 pp.
- ‡80. Death Notices, 1938–39. 24 pp.
81. Graduate Study Program—American Culture and Institutions, S.S., 1940. 16 pp.
82. Michigan Schoolmasters Club Official Program, April 25, 26, and 27, 1940. 40 pp.
83. Bulletin of General Information, 1940–41 (Reprint of Serial No. 52). 92 pp.
84. Department of Speech, S.S., 1940. 20 pp.
85. German Languages and Literatures, S.S., 1940. 8 pp.
86. Graduate Division—Western State Teachers College, S.S., 1940. 8 pp.
87. Graduate Division—Central State Teachers College, S.S., 1940. 8 pp.
88. Graduate Division—Northern State Teachers College, S.S., 1940. 8 pp.
89. Graduate Division—Michigan State Normal College, S.S., 1940. 10 pp.
90. Report of the Medical School, 1938–39 (Reprint from President's Report, 1938–39). 24 pp.
91. Journal of the Michigan Schoolmasters' Club, 1936–39. 118 pp.
92. Lectures in Journalism, 1938–39. 182 pp.
93. Tenth Annual Parent Education Institute Proceedings, 1939. 48 pp.
94. Eighth Annual Adult Education Institute, 1940. 4 pp.
95. Courses in Hygiene and Public Health, S.S., 1940. 8 pp.
96. Forty-Seventh Summer Session, Complete Announcement, 1940. 256 pp.

‡ Not handled by the Editorial Office.

97. Report of the Registrar of the University, 1938-39 (Reprint from the President's Report, 1938-39). 56 pp.
 98. Accommodations for the Summer Session, 1940. 4 pp.
 99. Regulations for Residence Halls for Women. 8 pp.
 100. Program in Transportation Engineering. 16 pp.
 101. Human Adjustment in the Summer Camp, S.S., 1940. 8 pp.
 102. Report of the University Health Service, 1938-39 (Reprint from President's Report, 1938-39). 20 pp.
 103. Classical Languages and Literatures, S.S., 1940. 16 pp.
 104. Symposium in Theoretical Physics, S.S., 1940. 26 pp.
 †105. Tenth Alumni University, 1940—Bureau of Alumni Relations. 6 pp.

OTHER OFFICIAL PUBLICATIONS

University of Michigan Regents' Proceedings. 15 issues, August, 1939, through June, 1940.

University Record. 4 issues.

‡ Not handled by the Editorial Office.

SCHOLARSHIP STUDY OF FRESHMEN FROM MICHIGAN HIGH SCHOOLS

MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡	MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡
Addison	4	1	67	2.0	Battle Creek:				
Adrian:					Lakeview	10	..	50	2.1
Senior	27	..	81	2.3	<i>St. Philip</i>	3	..	33	1.3
<i>St. Joseph Academy</i>	4	..	50	1.7	Senior	122	2	73	2.4
<i>St. Joseph</i>	1	..	100	2.0	Bay City:				
Alanson:					Central	51	3	60	2.1
Littlefield Twp....	1	..	0	1.3	<i>St. James</i>	1	..	0	1.8
Albion:					Bay Port	1	..	0	1.8
Washington Gardner	9	..	56	1.9	Bear Lake	1	..	0	1.8
Algonac	9	3	50	2.0	Belding	6	..	50	2.0
Allegan	8	1	43	1.8	Belleville	4	1	100	2.8
Alma	1	..	100	2.0	Benton Harbor:				
Alpena:					Benton Harbor ...	42	2	60	2.2
Central	29	3	69	2.4	<i>St. John</i>	3	..	33	1.6
<i>St. Anne</i>	1	..	0	1.8	Benzonia	4	..	50	2.0
Alpha	1	..	0	1.7	Berglund:				
Ann Arbor:					Berglund Twp. ...	1	..	0	1.2
Ann Arbor	905	19	70	2.3	Berkley	9	..	44	1.6
<i>St. Thomas</i>	58	4	37	1.8	Berrien Springs ...	6	2	50	2.0
<i>University</i>	282	8	78	2.5	Big Rapids:				
Armada	1	..	100	2.5	Central	3	..	67	2.1
Athens	1	1	..	..	Birmingham	153	4	75	2.4
Augusta:					Blissfield	12	..	75	2.3
Augusta	1	..	100	3.0	Bloomfield Hills:				
W. K. Kellogg ..	3	..	33	2.1	<i>Cranbrook School</i> ..	65	1	69	2.3
Bad Axe	9	..	44	1.9	<i>Kingswood School</i> ..	16	..	75	2.2
Baldwin	4	..	50	2.0	Bloomington	3	..	33	2.1
Bancroft	1	..	100	2.0	Boyer City	6	..	50	1.8
Bangor	2	..	100	2.0	Breckenridge	2	..	50	1.9
Baraga:					Brethren:				
Baraga Twp.	1	..	100	3.0	Dickson Rural Agr.	1	..	0	1.7

*Entrants of September, 1930, through February, 1940.

†Students with "C" average (2.0 grade points) or better.

‡The grade-point average for all students in the University enrolled in courses normally pursued by freshmen, for the years under consideration, is approximately 2.3.

SCHOLARSHIP STUDY OF FRESHMEN—(Continued)

MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡	MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡
Brighton	3	..	33	1.7	Detroit:				
Bronson	4	..	75	2.1	<i>Academy of the</i>				
Brooklyn	6	..	67	1.8	<i>Sacred Heart</i>	3	..	67	2.2
Brown City	2	..	50	1.7	<i>All Saints</i>	1	..	0	1.3
Buchanan	9	..	78	2.3	<i>Annunciation</i>	2	..	50	1.5
Byron	1	..	100	2.5	Cass Technical	70	..	81	2.5
Cadillac	14	..	64	2.1	<i>Catholic Central</i>	8	1	29	1.8
Caledonia	1	..	0	1.5	Central	425	4	78	2.5
Calumet	25	2	83	2.4	Chadsey	7	1	33	1.5
Camden	4	1	0	1.0	<i>Convent of the</i>				
Carleton	3	..	67	2.0	<i>Sacred Heart</i>	1	..	0	1.9
Caro	17	1	69	2.2	Cooley	140	1	76	2.4
Carson City	1	..	0	0.3	<i>DeLaSalle</i>				
Carsonville	1	..	0	1.7	<i>Collegiate</i>	10	..	50	1.8
Cass City	2	..	100	2.3	Denby	24	..	67	2.3
Cassopolis	1	..	100	2.0	<i>Detroit Country</i>				
Cement City	1	..	100	3.4	<i>Day</i>	15	..	67	2.0
Central Lake	1	..	100	3.0	Eastern	80	2	78	2.6
Centreville	1	..	100	3.3	High School of				
Champion	3	..	100	2.5	Commerce	1	..	0	.0
Channing	5	..	60	2.0	<i>Holy Name</i>	2	..	0	0.9
Charlevoix	9	2	43	1.8	<i>Holy Redeemer</i>				
Charlotte	19	1	67	2.4	<i>Boys'</i>	3	1	50	1.8
Cheboygan	6	..	83	2.2	<i>Holy Redeemer</i>				
Chelsea	34	2	63	2.1	<i>Girls'</i>	3	..	67	2.3
Chesaning:					<i>Holy Rosary</i>	1	1	0	.0
Union	6	1	60	2.2	Hudson	6	..	0	1.2
Clare	3	..	33	1.9	<i>Detroit Institute</i>				
Clarkston	5	..	100	2.4	<i>of Technology</i>	2	..	100	2.0
Clayton	5	..	60	1.8	Liggett	35	3	84	2.5
Clinton	5	..	60	1.8	Mackenzie	34	..	71	2.3
Coldwater:					Miller	1	..	0	0.5
Roosevelt	15	..	33	1.6	<i>Miss Newman's</i>				
Coloma	4	..	75	2.0	<i>School</i>	39	..	64	2.2
Colon	1	..	0	1.7	Northeastern	32	1	68	2.2
Comstock Park	1	..	100	2.0	Northern	224	3	74	2.3
Constantine	3	1	100	2.2	Northern Evening	8	..	63	2.3
Coopersville	1	..	0	1.3	Northwestern	222	4	75	2.3
Corunna	7	1	83	2.1	Pershing	10	..	70	2.3
Crosswell	5	..	20	1.5	Redford	73	..	77	2.4
Crystal	1	..	100	2.0	Redford Union	2	..	50	1.7
Crystal Falls	5	..	80	2.3	<i>St. Agnes</i>	1	..	100	2.0
Custer	1	..	100	2.6	<i>St. Ambrose</i>	1	..	0	1.5
Davison	2	1	100	2.5	<i>St. Anthony</i>	2	1	100	2.0
Dearborn:					<i>St. Bernard</i>	1	..	100	2.0
Dearborn	75	4	63	2.3	<i>St. Casimir</i>	1	..	0	1.7
Fordson	82	3	63	2.2	<i>St. Catherine</i>	1	..	100	4.0
<i>St. Alphonsus</i>	2	..	0	1.0	<i>Saint Cecilia</i>	1	..	100	2.8
Decatur	7	..	100	2.4	<i>St. Gregory</i>	1	..	0	1.3
Deckerville	1	..	0	0.4	<i>St. Josaphat</i>	2	..	50	2.2
De Tour	1	..	0	1.7					

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SCHOLARSHIP STUDY OF FRESHMEN—(Continued)

MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡	MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡
<i>St. Mary of Redford</i>	1	..	100	2.8	Fremont	7	..	57	2.0
<i>St. Theresa</i>	2	..	100	2.3	Galesburg	1	..	0	1.7
<i>St. Vincent</i>	1	..	0	1.1	Gaylord	6	1	80	2.3
Southeastern	111	3	78	2.5	Gladstone	7	0	57	2.1
Southwestern	33	2	61	2.3	Gladwin	2	..	50	1.5
<i>University of Detroit</i>	22	1	71	2.3	Glen Arbor:				
<i>Visitation</i>	4	..	50	1.4	<i>Leelanau for Boys</i>	2	..	0	1.5
Western	30	..	83	2.6	Gobles	4	..	50	2.0
Dexter:					Goodrich	1	..	100	2.3
Dexter Union	4	..	100	2.7	Grand Blanc Twp... ..	8	2	50	2.0
Dowagiac	22	..	59	1.9	Grand Haven	30	..	83	2.4
Dryden	1	..	100	2.3	Grand Ledge..... ..	4	..	100	2.4
Dundee	1	..	0	1.5	Grand Rapids:				
East Detroit	4	..	50	2.0	<i>Catholic Central</i>	5	..	20	1.0
East Grand Rapids... ..	18	..	78	2.4	Central	50	1	84	2.5
East Jordan	5	..	100	2.7	<i>Christian</i>	1	..	100	2.3
East Lansing	9	1	88	2.4	Creston	3	1	100	3.3
East Tawas	3	..	100	2.6	Godwin Heights	1	1	0	..
Eaton Rapids	3	..	100	2.9	<i>Marywood Academy</i> ..	4	..	25	1.5
Eau Claire	1	1	0	..	Ottawa Hills	60	2	69	2.2
Eben Junction:					South	17	1	75	2.5
Rock River Twp.. ..	3	..	67	2.3	Union	10	..	80	2.6
Ecorse	11	1	50	2.0	Wyoming	2	..	50	1.9
Edmore	1	..	0	1.2	Grandville	2	..	0	1.3
Elk Rapids	1	..	100	2.1	Grant	2	..	50	1.6
Elkton	1	..	100	2.5	Grass Lake	4	1	67	2.5
Elsie	2	..	50	1.9	Grayling	2	..	50	1.6
Escanaba	36	..	72	2.3	Greenland:				
Evart	3	..	67	1.9	Greenland Twp. .. .	1	..	100	2.0
Farmington	4	..	50	2.4	Greenville	16	..	81	2.3
Farwell:					Grosse Ile	12	..	75	2.4
Surrey	1	..	100	2.1	Grosse Pointe:				
Felch:					<i>Academy of the Sacred Heart</i> ..	5	..	80	2.3
Felch Twp.	2	..	100	2.6	<i>Detroit University School</i>	24	1	61	2.2
Fennville	7	..	29	1.5	Grosse Pointe .. .	155	2	73	2.3
Fenton	16	..	56	2.1	<i>St. Paul</i>	1	..	100	2.5
Ferndale:					Hamtramck	13	..	46	1.8
Lincoln	67	3	61	2.2	Hancock	7	..	86	2.4
Flat Rock	3	..	67	2.0	Hanover	1	..	0	0.9
Flint:					Harbor Beach	3	..	33	1.2
Central	100	5	61	2.2	Harbor Springs	6	..	100	2.9
Northern	57	3	63	2.2	Harrison	1	..	100	2.2
<i>St. Matthew</i>	1	..	100	2.9	Harrisville	3	..	0	1.1
<i>St. Michael</i>	1	..	0	..	Hart	3	..	67	2.6
Flushing	7	1	83	2.4	Hartford	2	..	50	1.8
Fowlerville	5	..	80	2.2	Hartland Consolidated	8	1	43	2.0
Frankfort	6	..	67	1.7	Hastings	11	..	55	2.2
Freeport	1	..	0	1.6	Hazel Park	8	2	50	2.0
Free Soil	1	..	100	3.1					

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SCHOLARSHIP STUDY OF FRESHMEN—(Continued)

MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡	MICHIGAN HIGH SCHOOL	No. of Students 1930-40*	Withdrawal Without Grades	Percentage Satisfactory†	Grade-Point Average‡
Hermanville:					Lake Odessa	2	..	50	2.0
Meyer Twp.	3	1	100	2.5	Lake Orion	7	1	33	1.7
Hesperia	1	..	0	1.7	Lakeview:				
Highland Park	131	3	82	2.6	Lakeview Com-				
Hillsdale	20	1	53	2.1	munity	2	..	0	1.7
Holland:					Lambertville	1	..	0	1.7
Holland	27	1	62	2.4	L'Anse	3	1	50	1.6
Hope Preparatory	1	1	0	..	Lansing:				
Holly	13	1	58	1.9	Central	60	1	71	2.4
Houghton	6	..	67	2.2	Eastern	15	..	60	2.0
Howard City	3	..	100	2.7	Parker Collegiate	1	..	100	4.0
Howell	29	..	66	2.2	<i>St. Mary Cath-</i>				
Hudson	4	..	75	2.0	<i>edral</i>	5	..	60	1.9
Ida	1	..	0	0.8	Lapeer	15	..	73	2.3
Imlay City	4	..	75	2.0	Laurium:				
Ionia:					<i>Sacred Heart</i>	1	..	100	2.0
Ionia	20	..	65	2.2	Lawrence	1	..	100	2.9
<i>St. Peter & St.</i>					Lawton	8	..	75	2.7
<i>Paul</i>	1	..	100	2.5	Leslie	2	1	100	2.2
Iron Mountain:					Lincoln Park	6	..	67	2.5
Edward G. Kings-					Linden	2	..	0	1.5
ford	11	1	30	1.8	Litchfield	2	1	100	3.3
Senior	42	2	75	2.2	Lowell	2	..	0	1.4
Iron River	27	..	85	2.4	Ludington:				
Ironwood:					Central	22	1	71	2.5
Luther L. Wright	11	..	82	2.2	<i>St. Simon</i>	2	1	0	1.5
<i>St. Ambrose</i>	1	..	100	2.0	McBain	1	..	100	2.0
Ishpeming	22	..	77	2.5	Mackinaw City	3	..	67	2.1
Ithaca	1	..	0	1.5	Mancelona	2	..	0	0.8
Jackson:					Manchester	12	1	55	2.2
Jackson	44	3	71	2.2	Manistee	35	..	51	2.0
<i>St. John</i>	1	..	0	0.5	Manistee	10	..	80	2.4
<i>St. Mary</i>	4	..	25	1.4	Manton:				
Jonesville	11	1	90	2.6	Manton Rural Agr.	2	..	50	1.9
Kalamazoo:					Marcellus	3	..	57	1.7
Central	36	1	83	2.4	Marenisco:				
<i>St. Augustine</i>	1	..	100	2.4	Roosevelt	3	..	67	2.2
<i>Western State</i>	17	2	87	2.4	Marine City	5	..	80	2.1
Kalkaska	1	..	0	1.2	Marlette:				
Keego Harbor:					Marlette Twp.	1	..	100	2.3
Roosevelt	3	..	67	2.0	Marquette:				
Kent City	1	..	0	1.1	Graveraet	11	..	64	2.2
Kenton:					Marshall	12	2	60	2.4
Duncan Twp.					Mason	4	..	50	1.8
Rural Agr.	1	1	..	..	Mayville	3	..	33	1.0
Kingston	1	..	100	2.2	Melvindale	3	1	50	2.0
Lake City	2	..	0	1.0	Memphis	1	..	100	3.0
Lake Linden:					Mendon	1	..	100	2.2
Lake Linden-					Menominee	27	..	59	2.1
Hubbell	2	..	50	1.9	Michigamme	1	..	100	3.2

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SCHOLARSHIP STUDY OF FRESHMEN—(Continued)

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Middleville:					Ortonville	2	1	0	1.7
Thornapple—W. K.					Oscoda:				
Kellogg	4	..	75	2.4	Oscoda Twp. Unit	1	..	0	1.5
Midland Senior	33	1	66	2.2	Otisville	1	..	100	2.3
Milan	10	..	60	2.1	Otsego	4	..	50	1.5
Milford	9	1	50	2.1	Ovid	4	..	50	2.0
Mio:					Owosso:				
Mio Agr.	1	..	0	1.3	Owosso	64	2	79	2.3
Monroe:					<i>St. Paul</i>	1	..	100	2.5
Monroe	91	1	82	2.4	Oxford	5	..	40	2.3
<i>St. Mary</i> Academy	12	..	50	1.3	Painesdale:				
Montague:					Adams Twp.	3	..	0	1.7
Montague Twp. ..	2	..	0	1.1	Palmer:				
Morenci	9	..	56	2.2	Richmond Twp....	2	..	100	3.1
Mount Clemens	68	3	69	2.2	Parma:				
Mount Morris:					Parma Union	1	..	0	0.8
Mount Morris ...	9	2	57	2.4	Paw Paw	10	1	56	1.9
<i>St. Mary</i>	1	..	100	2.5	Peck	1	..	100	2.4
Mount Pleasant ...	5	..	80	2.7	Pellston:				
Munising:					McKinley Twp.				
William G. Mather	10	..	90	2.5	Unit	1	..	100	2.0
Muskegon:					Pentwater:				
Senior	35	..	80	2.4	Pentwater Rural				
Muskegon Hts.	11	..	36	1.9	Agr.	4	..	50	1.9
Napoleon Rural Cons.	2	..	100	2.1	Pequaming	1	..	100	2.5
Nashville	1	..	100	2.2	Perry	1	..	0	1.4
Negaunee	12	..	92	2.7	Petersburg	3	..	33	1.6
Newaygo	3	..	100	2.4	Petoskey	19	..	58	2.0
New Baltimore	1	..	0	1.0	Pigeon	2	1	100	2.5
Newberry:					Pinckney	9	..	44	2.0
McMillan Twp. ..	8	..	50	2.0	Pittsford:				
New Buffalo	3	..	67	1.9	Pittsford Rural				
New Hudson:					Agr.	1	..	0	1.3
New Hudson Rural					Plainwell	2	1	100	2.7
Agr.	2	..	0	1.4	Plymouth	40	1	67	2.3
New Troy	1	1	..	..	Pontiac:				
Niles	26	1	64	2.2	Pontiac Senior ...	159	3	69	2.3
North Branch	1	..	100	2.0	<i>St. Frederick</i>	1	..	0	1.3
North Muskegon ...	2	..	100	3.1	Port Huron	35	2	70	2.3
Northport:					Prescott	1	..	100	2.3
Northport Consoli-					Quincy	1	..	100	2.2
dated	44	..	75	2.6	Rapid River	1	..	0	0.4
Northville	23	1	45	1.8	Reading	1	..	0	1.3
Norway	10	..	80	2.5	Reed City	2	..	100	2.1
Onaway	1	..	0	1.5	Reese	2	..	100	2.0
Onekama:					Republic	2	..	50	2.1
Onekama Consoli-					Richmond	4	..	100	2.8
dated	1	..	100	2.8	River Rouge:				
Onsted	2	..	50	1.8	River Rouge	19	..	53	2.1
Orchard Lake:					<i>Our Lady of</i>				
<i>St. Mary</i>	1	..	0	1.2	<i>Lourdes</i>	1	..	0	0.0

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Riverview:					Stephenson:				
A. E. Smith	2	..	100	2.9	Township Unit . . .	2	..	100	2.4
Rochester	13	..	62	2.2	Stockbridge	5	..	60	2.1
Rock	1	..	100	2.6	Sturgis	23	1	36	1.8
Rogers City	8	..	75	2.5	Suttons Bay	2	..	100	3.2
Romeo:					Tecumseh	9	1	88	2.3
<i>Paton Hall</i>	6	1	40	1.3	Three Oaks	3	..	67	2.5
Romeo	9	..	89	2.6	Three Rivers	15	..	67	2.4
Romulus	2	..	100	2.7	Traverse City:				
Roseville	2	..	50	2.0	Central	47	1	72	2.2
Royal Oak:					<i>St. Francis</i>	1	..	100	2.0
Royal Oak	95	1	70	2.2	Trenton:				
<i>St. Mary</i>	1	..	0	1.3	Slocum-Truax . . .	13	1	58	2.0
Saginaw:					Trout Creek:				
Arthur Hill	62	1	74	2.4	Interior Twp. . . .	1	..	0	1.7
Saginaw	102	1	64	2.3	Utica	3	1	100	2.8
<i>St. Andrew</i>	3	..	67	2.2	Van Dyke:				
<i>SS. Peter and Paul</i>	2	..	50	1.7	Lincoln	2	1	100	2.5
St. Clair Shores:					Vermontville	3	1	50	1.8
Lake Shore	7	1	50	2.0	Vernon	3	..	67	1.8
Lakeview	5	1	75	2.1	Vicksburg	5	..	60	2.3
South Lake	1	..	0	1.2	Vulcan	4	..	50	2.1
St. Clair	12	..	75	2.4	Wakefield:				
St. Ignace:					Wakefield Twp. . .	8	..	50	1.9
La Salle	2	1	0	1.2	Waldron	1	..	0	1.8
St. Johns:					Walled Lake:				
Rodney B. Wilson	15	1	71	2.3	Walled Lake				
St. Joseph:					Consolidated . .	7	..	57	2.3
<i>Catholic</i>	3	..	100	2.0	Watersmeet:				
St. Joseph	24	3	62	2.2	Township	2	..	50	1.8
St. Louis	6	..	50	2.0	Watervliet	6	..	17	1.2
Saline	18	..	61	2.0	Wayland:				
Sand Creek	2	1	0	0.0	Wayland Union . .	2	..	0	1.8
Sand Lake	1	..	0	1.7	Wayne	24	2	64	2.1
Sandusky	2	..	50	1.8	West Branch	5	..	0	1.4
Saugatuck	11	1	40	1.8	White Cloud	1	..	0	0.3
Sault Ste. Marie . .	53	1	85	2.5	Whitehall	1	..	100	3.3
Scottville	7	1	33	2.2	Williamston	2	..	100	2.4
Sebewaing	2	..	100	2.6	Woodland:				
Shelby	5	..	60	2.6	Township	1	..	0	0.7
Sparta	5	..	40	1.5	Wyandotte:				
Springport	1	..	100	2.3	<i>St. Patrick</i>	3	..	0	1.5
South Haven:					Theo. Roosevelt . .	46	2	77	2.5
Senior	22	1	71	2.5	Yale	4	..	50	2.0
South Lyon	6	1	60	1.8	Ypsilanti:				
Stambaugh:					Lincoln Consoli-				
Stambaugh Twp. . .	16	2	79	2.4	dated	3	..	67	2.6
Standish	6	..	100	2.4	<i>Roosevelt</i>	22	..	59	2.0
Stanton:					Ypsilanti	18	..	50	2.0
Stanton Union . . .	3	..	67	1.9	Zeeland	4	..	100	2.4

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