

RETENTION STUDY

Auburn Hills Campus  
Fall Semester, 1986

Admissions Office  
Carlos L. Olivarez, Ph.D.



## PROCEDURES

*not large enough sample*

Between October 23, 1986 and October 30, 1986 a student survey was conducted by the Admissions Office of Auburn Hills. Five different classes were randomly selected for this study. The classes selected were ENG 151, ETT 101, MAT 115, PSY 251 and ROB 150. The times the classes selected met ranged from 9:00 a.m. to 6:00 p.m., Monday through Friday.

Two different surveys were used. One was for first time students at OCC. The other was for students who had been enrolled at OCC prior to the Fall, 1986 Term. The specific titles of these surveys were Entering Student Survey and Student Opinion Survey. These surveys were purchased from the American College Testing Program.

Every student in attendance at the specific class selected to participate in the survey completed either the Entering Student Survey or the Student Opinion Survey. The results of each survey are reported separately. A third part of the report groups similar items and is reported as "All Students." Additionally, the 1986 survey is compared with the 1985 survey conducted during the Fall, 1985 Term.

The narrative summarizes the raw data. The raw data can be found in the index.

### ENTERING STUDENT SURVEY

Of the Entering Student population for the Fall, 1986, 50% are 18 years of age or under. The 19 and 20 age group is comprised by 28.6% of the students. The 30 to 39 age group is comprised by 17.8% of the students. The Mean Age for entering students is 22.2

There are more male than female new students at Auburn Hills, 62% to 38% of the new students, 85.7% are unmarried, 81.5% attended high school just prior to entering OCC, and 41.2% were enrolled in a college preparation program in high school. Ranking themselves in the second quarter of their graduating class are 58.5%, with 61.8% indicating their overall high school grade average between 2.50-3.49. Of the Entering Students, 30.9% ranked themselves between the 2.00-2.49 high school grade average. The Mean self reported high school grade average for the Entering Student at Auburn Hills is 2.63.

In response to their planned college residence, 28% live in their own home, 62% live with parents or relatives, and 6% live in an apartment.

Employed over 40 hours per week are 33.3%, with 26.3% employed between 21-30 hours, 17.5% employed between 31-40 hours, 12.3% employed between 11-20 hours, 3.5% employed between 1-10 hours, and 7% not employed or only working occasional jobs.

Only 19.3% of the Entering Students receive any type of Federal, State or College sponsored financial aid. The most often stated major source of funds for their post secondary education are: 1. employment while attending college (including work-study), 2) personal savings, 3) summer employment, and 4) parents/relatives.

The most often stated major reason for continuing their education are: 1) to qualify for a high-level occupation, 2) to become a better-educated person, 3) to increase my earning power, and 4) to meet educational requirements for my chosen occupation.

The most often stated purposes for attending OCC are: 1) to take courses necessary for transferring to another college, and 2) to obtain an Associate Degree.

The most preferred types of classes to attend are: 1) morning classes and 2) evening classes. The most preferred types of class format are: 1) lab or shop format, and 2) small-group format.

The most often stated areas of special help needed are: 1) developing better study skills and habits, 2) improving math skills, 3) improving test-taking skills, 4) expressing ideas in writing, 5) improving public speaking skills, and 6) increasing reading speed.

The most often stated extracurricular activities they would like to participate in while attending OCC are: 1) special interest groups (sailing club, dance club, Judo club, etc), 2) varsity athletics, 3) intramural athletics, and 4) student radio or T.V.

The most often stated factors that helped them decide to attend OCC are: 1) location of the college, 2) cost of attending the college, 3) availability of a particular program of study, 4) variety of courses offered, and 5) opportunity for part-time work.

The rating of OCC at the time they applied for admission were: 1) it was my first choice-64%, 2) it was my second choice-26%, 3) it was my third choice-4%, and 4) it was my fourth choice or lower-6%.

As to when they decided to attend OCC, 66.6% decided after completing high school and 31.4% decided during the 12th grade.

The most stated major sources of information about OCC are: 1) college catalog, 2) parents or relatives, 3) college brochure or pamphlet, 4) friends at the college, 5) visit(s) to the campus, 6) high school classmates, 7) high school counselors, 8) high school teachers, 9) college alumni, 10) college representative's visit to high school (college night, etc.), and 11) high school library materials.

pt/1986



## RETURNING STUDENTS

The Student Opinion Survey for returning students indicates that 41.5% of these students are 21 years of age or younger, 11.3% are between the ages of 22-25, 20.7% are between the ages of 30-39, 17.0% are between the ages of 26-29, and 9.4% are between the ages of 40-61. The Mean Age for the returning students for the Fall Term, 1986 is 27.6.

The major purposes for entering OCC are: 1) to obtain an Associate Degree (37%), 2) to take courses necessary for transferring to a 4-year college or university (31.5%), and 3) to complete a vocational/technical program (11.1%).

The overall college grade average ranges, in order of occurrence, are: 1) 3.00-3.49 (30.6%), 2) 3.50-4.00 (24.5%), 3) 2.00-2.49 (20.4%) and 4) 2.50-2.99 (18.4%). The Mean overall college grade average for returning students for the Fall Term, 1986 is 2.98.

Males make up 73.6% of the returning students population, 64.6% are unmarried, and 69.2% have no dependent children.

Of those currently employed, 48.1% work over 40 hours per week, 24.1% work 31-40 hours, 9.2% work 21-30 hours, and 7.4% do not work or work only occasional jobs.

Part-time students make up 70.4% of this population. As to the number of years they have attended OCC, 35.8% have attended 1 year, 49% have attended 2 years, 9.4% have attended 3 years, and 1.9% have attended 4 or more years.

At the time they first entered OCC, 53.1% entered after working for a period of time, 28.6% entered directly from high school and 4.1% transferred from another 2-year college.

Thirteen percent (13%) of returning students live 1-5 miles from the Auburn Hills campus, 29.6% live 11-20 miles from the Auburn Hills campus, 27.8% live 6-10 miles and 22.2% live 21-40 miles from the campus. Only 24% receive any type of federal, state, or college sponsored student financial aid.

The most often indicated major reason for selecting OCC, in order of occurrence, were: 1) offered the courses I wanted, 2) could work while attending, 3) low cost of attending, and 4) convenient location.

At the time they applied for admission, 62.5% indicated that OCC was their first choice and 22.9% indicated that OCC was their second choice. If they could start college again, 51% indicated they would probably choose OCC, 26.5% are uncertain, 22.4% definitely would, and 6.1% probably would not.

## Returning Students

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As to their overall impression of the quality of education, 74.5% rated OCC as good, 13.7% as average, and 11.8% as excellent.

On college services, the services or programs most often rated as very satisfied are the parking facilities and the cafeteria food services. Also, the services or programs most often rated as dissatisfied are academic advising/course planning services and financial aid services.

In regard to college environment, the following were most often rated as very satisfied: 1) variety of courses offered at OCC, 2) class size relative to the type of course, 3) college catalog/admission publications, 4) attitude of the teaching staff toward students, 5) flexibility to design your own program of study, 6) personal security/safety at OCC, 7) quality of institution is the major area of study, 8) challenge offered by the program of study, 10) testing/grading system and 11) accuracy of information received before enrolling.

Most often rated as dissatisfied or very dissatisfied were availability of the courses they want at the time they can take them and assistance provided by the college staff when they entered this college.

### ALL STUDENTS

The combined Mean Age for new and returning students at Auburn Hills is 24.9. Males comprise 67.9% of the student population and 76% of all students are married.

Currently working more than 40 hours per week are 40.5% of Auburn Hills students. Also, 20.7% are employed 31 to 40 hours. Only 7.2% are not currently employed or work only occasional jobs.

Of all the students enrolled for the Fall Term, 1986, 78.5% do not receive any type of federal, state, or college-sponsored financial aid.

Oakland Community College was the first choice for 63.3% of the students at the time of applying for admission. OCC was the second choice for 24.5% of the students.



## One Year Comparison

The results of the Fall Term, 1985 and the Fall Term, 1986 student survey were compared. The comparisons were made on the Entering Student population, the Returning Student population and the All Student composite.

### Entering Students

The percentage of the 18 years of age or under category increased, from 36.7% in 1985 to 50.0% in 1986. The 30-39 age group increased from 12.2% in 1985 to 17.8% in 1986. The Mean Age for the new student decreased from 23.12 in 1985 to 22.2 in 1986.

There was a percentage increase in the male population, from 54% in 1985 to 62% in 1986. There were percentage increases of unmarried students and students who attended high school just prior to entering OCC, from 75.5% and 72.2% in 1985 to 85.7% and 81.5% in 1986. The Mean self reported high school grade point average for the Entering Student remained the same, 2.6.

Percentage wise, more students live with parents or relatives in 1986 than in 1985, 62% and 37.8% respectively.

Also, there are more students employed over 40 hours per week in 1986, 33.3% to 17.6% in 1985. There are fewer students not employed or only working occasional jobs in 1986, 7% to 11.8% in 1985.

The number of students receiving any type of Federal, State or College sponsored financial aid did not change, 19%.

Even though the rank order differed, the most often stated major reason for continuing their education remained the same: to qualify for a high-level occupation, to become a better-educated person, to increase my earning power and to meet educational requirements for my chosen occupation.

Remaining unchanged also are the most often stated purpose for attending OCC: to take courses necessary for transferring to another college and to obtain an Associate Degree.

Remaining relatively unchanged are the most often stated areas of special help needed: developing better study skills and habits, improving math skills, improving test-taking skills, improving public speaking skills and increasing reading speed.

Added to the most often stated extracurricular activities they would like to participate in while attending OCC is student radio or TV. Dropped from this same topic: fraternity or sorority.

## One Year Comparison

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Dropped from the most often stated factors that helped them decide to attend OCC is the type of community in which the college is located. Remaining unchanged are: location, cost, availability of a particular program, variety of courses offered and opportunities for part-time work.

The rating of OCC at the time they applied for admission remained relatively unchanged between 1986 and 1985. It was my first choice, 64% and 63.3%. It was my second choice, 26% and 24.5%. It was my third choice, 4% and 8.2%. It was my fourth choice or lower 6% and 4%.

Deciding to attend OCC after completing high school increased from 61.2% in 1985 to 66.6% in 1986. Deciding to attend OCC during 12th grade decreased from 32.6% in 1985 to 31.4% in 1986.

The major sources of information about OCC remain the same: catalog, parents or relatives, brochure or pamphlet, friends, visit(s) to campus, high school classmates, high school counselors and teachers, college alumni, college representatives visit to high school and high school library materials.

### Returning Students

The Mean Age for returning students for the Fall Term, 1986 is 27.6 compared to 26.6 in 1985.

The major purposes for entering OCC remain the same: to obtain an Associate Degree, to take courses necessary for transferring to a 4-year college or university and to complete a vocational/technical program.

The Mean overall college grade average for returning students for the Fall Term, 1986 is 2.98 compared to 3.04 in 1985.

Percentage wise, these are more males returning in 1986 than there were in 1985, 73.6% and 59.6%. More of these students are working over 40 hours per week in 1986 (48.1% to 34.1%). There are also more students in 1986 classified as part-time (70.4% to 66.3%). More of these students have attended 2 years (49% to 29.4%).

In 1985, there were more students living 1-5 miles from the campus (26.8% to 13%) and more students living 6-10 miles from the campus (43% to 27.8%). Distance appears to be less a factor in 1986 than it appeared to be in 1985. In 1985, 69.8% of returning students lived between 1-10 miles from the campus compared to 40.8% in 1986.

There appears to be no major change in the number of returning students receiving any type of financial aid, 21.3% in 1985 and 24% in 1986.

The most often indicated major reasons for selecting OCC remains the same: offered the courses I wanted, could work while attending, low cost of attending and convenient location.

More returning students indicated that OCC was their first choice in 1985 (72.7%) than in 1986 (62.5%). If they could start college again, more students indicated they would probably choose OCC in 1986 than in 1985 (51% to 41.6%) while more students probably would not in 1985 than in 1986 (15.7% to 6.1%).

As to their overall impression of the quality of education, more students rated OCC as good in 1986 than in 1985, 74.5% and 67%, and at the same time fewer students rated OCC as excellent, 11.8% and 14.8%.

Added in 1986 to the college services or programs most often rated as very satisfied is the cafeteria food services. Rated as very satisfied again are the parking facilities. The services or programs most often rated as dissatisfied in 1986 are academic advising/course planning services and financial aid services. In 1985 the services and programs most often rated as dissatisfied or very dissatisfied were the parking facilities.

In regards to college environment, the following were added in 1986 to the most often rated as very satisfied category: personal security/safety at OCC, challenge offered by the program of study, testing/grading system, and accuracy of information received before enrolling.

Most often rated as dissatisfied or very dissatisfied in 1985 and 1986 was the availability of the courses they want at the time they can take them. Added in 1986 to this category was the assistance provided by the college staff when they entered this college. Listed in this category in 1985 but not in 1986 was general registration procedures.

#### All Students

There is a slight decrease in the Mean Age for new and returning students between 1986 and 1985, 24.9 and 25.2. More males comprise the student population in 1986, 67.9% to 57.5%. Also, there are more unmarried students in 1986, 76% to 71.7%.

More students work more than 40 hours per week in 1986, 40.5% to 28%, and fewer are not currently employed or work only occasional jobs, 7.2% to 12.9%.

There is a decrease in 1986 in the number of students that do not receive any type of financial aid, 78.5% to 79.4%.

Oakland Community College was the first choice for 63.3% of the students at the time of applying for admission in 1986 as compared to 69.3% in 1985. Oakland Community College was the second choice for 24.5% in 1986 compared to 21.9% in 1985.





HIGHLAND LAKES CAMPUS

MEMORANDUM

TO: Student Deans  
Academic Deans  
Paula Barthel, Basic Skills Committee  
Ben Reilly, English Placement Committee

FROM: Jim Warner *gw*

SUBJECT: ASSET Research

DATE: January 29, 1987

Attached is a copy of a preliminary report on a study of ASSET and first-time OCC student retention and course completion.

The study is being conducted by Dan Jaksen, Sue Murdock, and me with assistance from Charlie Kurzer and Henry Freigruber. It is a preliminary due to the fact that some important questions have yet to be answered.

We thought it important to share this report with you now so that you would be aware of the study and our findings to date.

We do wish to emphasize that the findings of this study alone should not be considered to be, in anyway, conclusive, for reasons mentioned in the report.

Please feel free to share the report with anyone who has an interest.

JW/ex  
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Attachment

pc: R. S. Nicholson  
R. Thompson  
D. Hopkin  
D. Jaksen  
S. Murdock  
C. Kurzer  
H. Freigruber

A PRILIMINARY REPORT ON A STUDY  
OF ASSET & FIRST-TIME OCC STUDENT  
RETENTION & COURSE COMPLETION

In the Fall of 1986 a study was initiated in an attempt to determine the effects of a College-wide, orientation, assessment and advisement program upon the success of first-time students at Oakland Community College. The College began to utilize the A.C.T. ASSET program to assist new students on a voluntary basis in the Summer of 1985. In the Fall of 1986 it was intended that new students registering for thirteen or more credits or for selected English and mathematics courses would be required to take part in the ASSET program.

THE DEFINED POPULATION

The population for the study was defined as all first-time Oakland Community College students (FTOCCS) for Fall semesters 1983 through 1986. The population included all first-time students at any college (FTAIC) and students who had attended other colleges and universities prior to registering for classes at OCC.

THE SAMPLE EMPLOYED IN THE STUDY

There were nine groups of FTOCCS studied. The groups were as follows:

- Group 1. Fall 1983
- Group 2. Fall 1984
- Group 3. Fall 1985
- Group 4. Fall 1986
- Group 5. Fall 1985 who did not participate in ASSET
- Group 6. Fall 1985 who did participate in ASSET
- Group 7. Fall 1986 who did not participate in ASSET
- Group 8. Fall 1986 who did participate in ASSET
- Group 9. Fall 1986 Highland Lakes students who participated in ASSET

DATA COLLECTION

With assistance from the College Registrar's Office and the Office of Institutional Research, answers to the following questions were obtained.

1. What number of students is included in Groups 1-8?
2. What number and percent of students in Groups 1-8 completed one or more courses with a grade of A-D in their first semester at OCC?
3. What number and percent of students in Groups 1-8 returned for classes the following semester?
4. What number and percent of students in Groups 9 enrolled in courses recommended on their Educational Planning Forms?<sup>1</sup>
5. What number and percent of students in Group 9 withdrew from courses recommended on their Educational Planning Forms?
6. What was the grade distribution in recommended courses for Group 9 students who followed the recommendations on their Educational Planning Forms?

<sup>1</sup> Forms completed by ASSET participants only

*Copy for  
N. Broadbent  
C. Oberon  
7-13-87*

ANALYSIS OF THE DATA AND FINDINGS

Course Completion One measure of academic success for FTOCCS for any given academic year is the number that complete one or more courses with a grade of A-D in their first semester at OCC.

Course completion data for Fall semesters 1983 through 1986 are shown in Table 1. For Fall 1983, of the 12278 students enrolled, 9491 completed one or more courses with a grade of A-D, for a completion rate of 77.30%. Table 1 shows that the overall completion rate for FTOCCS has declined each year since 1983.

TABLE 1

COURSE COMPLETION DATA FOR ALL FIRST-TIME OCC STUDENTS

Fall	FTOCCS Enrolled N	Completed One or More Courses N	Completion Rate %	+/- %
1983	12278	9491	77.30	
1984	11890	9075	76.33	-.97
1985	12029	9172	76.25	-.08
1986	11795	8919	75.62	-.63

Table 2. shows the the number of FTOCCS who did and did not participate in the ASSET Program in the Fall of 1985 and 1986, and their completion numbers and rates. Employing a comparison of two proportions (z-test)<sup>2</sup>, at the .01 level, the completion rates of 89.19% and 89.81% for the ASSET students in 1985 and 1986 are significantly higher than the non-ASSET rates.

~~Table 2~~  
~~ASSET~~  
 ASSET  
 Supplement

2 Where

$$Z = \frac{x_1}{n_1} - \frac{x_2}{n_2}$$

$$\sqrt{\bar{p}\bar{q}\left(\frac{1}{n_1} + \frac{1}{n_2}\right)}$$

$x_1$  ASSET students who completed  $\geq 1$  courses  
 $n_1$  Total ASSET students  
 $x_2$  Non-ASSET students who completed  $\geq 1$  courses  
 $n_2$  Total Non-ASSET students  
 $\bar{p} = \frac{x_1 + x_2}{n_1 + n_2}$        $\bar{q} = 1 - \bar{p}$

estimated SD = SE

TABLE 2

A COMPARISON OF COURSE COMPLETION DATA  
FOR ASSET AND NON-ASSET STUDENTS

Fall	Non-ASSET FTOCCS N	Non-ASSET Completed N	Rate %	ASSET FTOCCS N	ASSET Completed N	Rate %
1985	11540	8736	75.70	489	436	89.16
1986	9507	6887	72.44	2288	2032	88.81

Retention For the purposes of this study retention rate was defined as the percentage of FTOCCS in a given Fall semester who registered for one or more courses in the following Winter semester.

Table 3. shows that 58.78% of the 12278 FTOCCS returned to OCC for the Winter semester during the 1983-84 academic year. The following two academic years show a decrease in retention rate of 3.27% and .43%. However, the 1986-87 academic year shows an increase in retention rate of 4.51% with 59.59% returning for the Winter semester.

TABLE 3

RETENTION DATA FOR ALL FIRST-TIME OCC STUDENTS

Academic Year	FTOCCS Enrolled in Fall N	Returnees in Winter N	Retention Rate %	+/- %
1983-84	12278	7217	58.78	
1984-85	11890	6600	55.51	-3.27
1985-86	12029	6626	55.08	-0.43
1986-87	11795	7028	59.59	+4.51

The retention rates of FTOCCS ASSET and non-ASSET students are compared in Table 4. It can be seen that for the 1986-87 academic year 53.95% of the non-ASSET students returned for the Winter semester. That is compared to the 83% retention rate for the ASSET students. Employing the z-test, the differences between ASSET and non-ASSET student retention proved to be statistically significant at the .01 level of probability for 1985-86 and 1986-87.

TABLE 4  
A COMPARISON OF RETENTION DATA  
FOR ASSET AND NON-ASSET STUDENTS

Academic Year	Non-ASSET FTOCCS N	Non-ASSET Returnees N	Retention Rate %
1985-86	11540	6243	54.10
1986-87	9507	5129	53.95
Academic Year	ASSET FTOCCS N	ASSET Returnees N	Retention Rates %
1985-86	489	383	78.32
1986-87	2288	1899	83.00

Questions 4-6 At this point, the data related to questions 4-6 under "Data Collection" are not yet tabulated.

#### CONCLUSIONS

The findings in this study would seem to support the notion that a system of new student orientation, assessment and advising, such as the ASSET program can have a positive affect on student success and retention.

As noted, 88.81% of the ASSET students completed one or more of their courses this Fall compared to a rate of 72.44% for non-ASSET students and 75.62% for all FTOCCS. Also, 83.00% of the Fall FTOCC ASSET students returned for classes this Winter compared to 59.59% for all FTOCCS.

The increase in retention rate for our first-time students is a partial explanation for the College-wide increase in both head count and student credit hours in the Winter of 1987 compared to the Winter of 1986.<sup>3</sup>

However the question of whether or not the increases in course completion rates and retention rates are, in fact, due to the implementation of ASSET needs further study. It may be that those who participated in ASSET in the first year that it was "required" were, for a variety of reasons, more likely to succeed whether or not ASSET was involved.

As more students are involved in the ASSET program in the future, a clearer picture of ASSET's effect on student performance and persistence will undoubtedly emerge.

### RECOMMENDATIONS

1. If the ASSET program is to provide maximum benefits to new students, efforts must be made to insure that as many students as possible participate in it before they begin their educational experience at OCC.
2. Further research should be conducted to determine the effectiveness of the ASSET program.
3. Retention rates for community colleges are often reported in the literature in terms of the number of freshmen students who return after one year rather than one semester. Beal and Noel have reported retention rates, after a full year, of 57%<sup>4</sup> and 54%<sup>5</sup>.

Additional research should be undertaken to determine OCC retention rates after one year for both ASSET and non-ASSET students.

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3	<u>Winter</u>	<u>Head Count</u>	<u>Student Credit Hours</u>
	1986	24,672	167,585
	1987	25,929	174,771

4 Beal & Noel, What Works in Student Retention, A.C.T., National Center for the Advancement of Educational Practice, 1980.

5 Lee Noel, in comments made to OCC faculty in May, 1984.

JW/1/29/87

**Course Completion  
Fall 1986**

**Retention  
Fall 1986 to Winter 1987**

	<b>ALL FTOCC'S</b>	<b>ASSET FTOCC'S</b>	<b>ALL FTOCC'S</b>	<b>ASSET FTOCC'S</b>
<b>OCC Preliminary Study 1/29/87</b>	<b>76.62%</b>	<b>88.81%</b>	<b>59.59%</b>	<b>83.00%</b>
<b>ACT Study 6/5/87</b>		<b>91.08%</b>		<b>80.46%</b>

**OCC ETHNIC ENROLLMENTS  
FALL 1987**



OAKLAND COMMUNITY COLLEGE  
 OFFICE OF INSTITUTIONAL RESEARCH  
 FALL 1987 ETHNIC ENROLLMENTS

COLLEGE

		ETHNIC												COLLEGE	
		1. AM INDIAN		2. ASIAN		3. BLACK		4. HISPANIC		5. WHITE		6. UNREPORTED			
		SEX		SEX		SEX		SEX		SEX		SEX		SEX	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
STATUS	CLASS														
FULL-TIME	FRESHMAN	9	8	27	35	196	121	20	21	1492	1463	360	390	2104	2038
	SOPHMORE	7	1	14	11	44	22	6	8	487	392	102	115	660	549
PART-TIME	FRESHMAN	47	17	89	67	863	453	118	65	5771	4048	1807	1361	8695	6031
	SOPHMORE	14	7	17	30	252	103	69	41	2874	1830	723	423	3949	2434
CLASS															
FRESHMAN		56	25	116	102	1059	574	138	86	7263	5511	2167	1771	10799	8069
SOPHMORE		21	8	31	41	296	125	75	49	3361	2222	825	538	4609	2983
COLLEGE		77	33	147	143	1355	699	213	135	10624	7733	2992	2309	15408	11052

OAKLAND COMMUNITY COLLEGE  
 OFFICE OF INSTITUTIONAL RESEARCH  
 FALL 1987 ETHNIC ENROLLMENTS

CAMPUS AUBURN HILLS

		ETHNIC												TOTAL	
		1. AM INDIAN		2. ASIAN		3. BLACK		4. HISPANIC		5. WHITE		6. UNREPORTED		SEX	
		SEX		SEX		SEX		SEX		SEX		SEX		SEX	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
STATUS	CLASS														
FULL-TIME	FRESHMAN	4	5	9	17	23	17	6	7	413	499	74	106	529	651
	SOPHMORE	2	.	5	3	8	7	.	6	135	171	8	40	158	227
PART-TIME	FRESHMAN	21	6	30	28	175	115	47	42	1636	1841	342	458	2251	2490
	SOPHMORE	2	2	3	16	74	42	24	21	706	906	146	164	655	1151
<b>CLASS</b>															
FRESHMAN		25	11	39	45	198	132	53	49	2049	2340	416	564	2780	3141
SOPHMORE		4	2	8	19	82	49	24	27	841	1077	154	204	1113	1378
<b>TOTAL</b>		29	13	47	64	280	181	77	76	2890	3417	570	768	3893	4519

OAKLAND COMMUNITY COLLEGE  
OFFICE OF INSTITUTIONAL RESEARCH  
FALL 1987 ETHNIC ENROLLMENTS

CAMPUS HIGHLAND LAKES

		ETHNIC												TOTAL	
		1. AM INDIAN		2. ASIAN		3. BLACK		4. HISPANIC		5. WHITE		6. UNREPORTED			
		SEX		SEX		SEX		SEX		SEX		SEX		SEX	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
STATUS	CLASS														
FULL-TIME	FRESHMAN	2	0	2	4	3	0	5	3	269	194	57	59	338	260
	SOPHMORE	2	0	1	1	7	1	0	1	111	39	22	6	143	48
PART-TIME	FRESHMAN	9	4	7	3	18	7	17	2	1119	476	298	168	1468	660
	SOPHMORE	1	2	3	1	19	3	15	3	766	197	157	40	961	246
CLASS															
FRESHMAN		11	4	9	7	21	7	22	5	1388	670	355	227	1806	920
SOPHMORE		3	2	4	2	26	4	15	4	877	236	179	46	1104	294
TOTAL		14	6	13	9	47	11	37	9	2265	906	534	273	2510	1214

OAKLAND COMMUNITY COLLEGE  
OFFICE OF INSTITUTIONAL RESEARCH  
FALL 1987 ETHNIC ENROLLMENTS

CAMPUS SOUTHEAST

STATUS   CLASS		ETHNIC												TOTAL	
		1. AM INDIAN		2. ASIAN		3. BLACK		4. HISPANIC		5. WHITE		6. UNREPORTED		SEX	
		SEX		SEX		SEX		SEX		SEX		SEX		SEX	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
FULL-TIME	FRESHMAN	2	1	6	6	135	68	9	4	298	188	91	64	541	331
	SOPHMORE	2	.	7	4	23	8	4	1	106	53	22	13	164	79
PART-TIME	FRESHMAN	13	4	25	18	570	251	30	10	1546	742	578	315	2762	1340
	SOPHMORE	7	1	5	9	136	41	10	3	705	302	217	79	1080	435
CLASS															
FRESHMAN		15	5	31	24	705	319	39	14	1844	930	669	379	3303	1671
SOPHMORE		9	1	12	13	159	49	14	4	811	355	239	92	1244	514
TOTAL		24	6	43	37	864	368	53	18	2655	1285	908	471	4547	2185

FALL 1984  
MACRAO TRANSFER MIGRATION REPORT

A Report  
Prepared for the Annual Meeting  
of the Michigan Association of  
Collegiate Registrars and Admissions Officers

by

Ronald C. Hughes  
Wayne State University  
May, 1985

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
CENTRAL MICHIGAN	0	48	33	54	3	144	8	7	52	NA	23	11	18	54	29	484
EASTERN MICHIGAN	8	0	16	14	0	39	5	2	31	NA	47	10	5	53	14	244
FERRIS STATE	46	30	0	46	4	62	13	12	15	NA	6	3	15	20	34	306
GRAND VALLEY STATE	10	7	13	0	2	30	3	2	6	NA	5	2	4	9	23	116
LAKE SUPERIOR STATE	9	7	15	4	0	5	6	13	1	NA	0	1	1	4	4	70
MICHIGAN STATE	27	45	28	82	1	0	9	16	70	NA	60	13	20	128	31	530
MICHIGAN TECH	12	6	12	10	15	33	0	33	10	NA	8	3	1	10	19	172
NORTHERN MICHIGAN	21	16	14	9	3	23	13	0	9	NA	4	4	4	13	11	144
OAKLAND UNIVERSITY	20	14	9	5	3	64	9	3	0	NA	23	4	12	61	25	252
SAGINAW VALLEY	32	11	8	5	3	17	6	2	5	0	6	0	0	5	9	109
U OF M - ANN ARBOR	6	50	8	35	2	39	4	0	16	NA	0	22	2	62	12	258
U OF M - DEARBORN	8	17	1	3	0	19	1	3	9	NA	65	0	11	60	4	201
U OF M - FLINT	14	7	11	3	0	30	16	0	7	NA	35	2	0	4	6	135
WAYNE STATE UNIVERSITY	6	45	7	12	1	54	2	2	57	NA	30	30	5	0	12	263
WESTERN MICHIGAN	6	41	16	78	2	112	4	3	22	NA	19	3	25	41	0	372
TOTALS	225	344	191	360	39	671	99	98	310	0	331	108	123	524	233	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
ADRIAN COLLEGE	3	8	2	0	0	12	2	1	2	NA	3	2	0	6	2	43
ALBION COLLEGE	1	1	2	5	0	17	4	0	3	NA	12	0	1	11	5	62
ALMA COLLEGE	9	2	2	4	0	8	0	0	3	NA	2	0	3	6	2	41
ANDREWS UNIVERSITY	1	0	0	1	0	3	1	0	1	NA	2	0	2	2	4	17
AQUINAS COLLEGE	3	1	8	41	1	5	1	0	0	NA	6	0	0	1	7	74
CALVIN COLLEGE	4	3	3	53	0	20	0	0	0	NA	28	2	0	1	4	118
CTR FOR CREATIVE STUDI	0	3	0	0	0	0	0	0	2	NA	0	0	0	15	0	20
CLEARY COLLEGE	0	14	1	0	0	0	0	0	1	NA	0	0	0	1	1	18
CONCORDIA COLLEGE	1	5	0	0	0	0	0	0	1	NA	2	0	0	1	2	12
DETROIT COLL OF BUS	0	9	1	0	0	0	0	1	2	NA	2	5	9	15	0	44
GMI ENG. & MGNT.	0	0	1	0	0	3	0	0	4	NA	2	0	0	2	0	12
GRACE BIBLE COLL	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0
GRAND RAPIDS BAPTIST	1	0	1	16	0	2	1	1	2	NA	0	0	1	0	2	27
HILLSDALE	0	0	2	1	0	4	0	0	0	NA	1	1	1	5	1	16
HOPE COLLEGE	2	2	3	31	0	14	0	0	2	NA	8	1	1	0	9	73
JORDAN COLLEGE	0	0	0	3	0	0	0	0	0	NA	0	0	0	0	0	3
KALAMAZOO COLLEGE	0	2	1	2	0	9	1	0	0	NA	6	1	0	12	5	39
KENDALL SCH. OF DESIGN	0	0	0	0	0	0	0	0	2	NA	0	0	0	2	2	6
LAWRENCE INSTITUTE	0	9	0	3	0	3	3	0	11	NA	7	5	2	27	3	73
MADONNA COLLEGE	3	18	1	2	0	5	0	0	10	NA	2	7	1	15	2	66

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
MARYGROVE	0	3	0	0	0	2	0	0	4	NA	0	3	0	18	0	30
MERCY COLLEGE	2	5	1	1	0	3	0	0	8	NA	0	2	1	20	1	44
MICHIGAN CHRISTIAN	1	2	0	0	0	0	0	0	2	NA	0	0	0	2	2	9
NAZARETH COLLEGE	1	0	0	2	0	0	0	0	0	NA	0	0	1	0	4	8
NORTHWOOD INSTITUTE	7	1	4	0	0	1	0	0	1	NA	1	4	1	7	2	29
OLIVET COLLEGE	5	0	3	3	0	4	0	0	0	NA	1	0	1	0	3	20
REFORMED BIBLE	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0
SACRED HEART	0	0	0	0	0	0	0	0	0	NA	0	0	1	1	0	2
SIENNA HEIGHTS	4	17	0	3	0	3	0	0	3	NA	1	0	1	2	1	35
SPRING ARBOR COLLEGE	0	3	1	4	0	3	1	0	3	NA	2	0	5	2	7	31
ST MARYS COLLEGE	0	0	0	0	0	1	0	0	1	NA	1	0	1	0	0	4
UNIVERSITY OF DETROIT	3	9	4	1	1	5	3	0	15	NA	4	7	3	43	2	100
WALSH	0	0	0	1	0	2	0	0	7	NA	0	0	0	2	0	12
WILLIAM TYNDALE	0	2	0	0	0	0	0	0	0	NA	0	1	0	2	0	5
TOTALS	51	119	41	177	2	129	17	3	90	0	93	41	36	221	73	



## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
ALPENA CC	16	8	26	2	18	15	6	4	5	NA	1	1	0	3	4	109
BAY DE NOC CC	10	1	7	2	19	3	18	31	1	NA	4	0	0	0	7	103
DELTA COLLEGE	145	18	85	7	14	95	13	10	9	NA	28	0	20	8	48	500
GLEN OAKS	3	1	4	4	0	4	0	0	0	NA	0	0	0	0	24	40
GOGEBIC	0	0	3	0	2	3	8	30	0	NA	1	0	0	0	3	50
GRAND RAPIDS JR COLL	60	3	70	210	7	123	39	6	2	NA	40	0	0	3	150	713
HENRY FORD CC	46	175	26	9	1	37	2	8	15	NA	15	156	0	198	24	712
HIGHLAND PARK CC	0	5	1	0	0	1	0	0	4	NA	0	4	0	50	1	66
JACKSON CC	23	58	14	7	0	77	4	5	2	NA	27	0	1	4	42	264
KALAMAZOD VALLEY CC	8	3	13	2	1	21	6	2	5	NA	6	0	2	1	195	265
KELLOGG CC	8	3	11	6	8	27	4	0	1	NA	9	0	1	3	95	176
KIRTLAND CC	19	0	16	3	2	2	2	2	0	NA	1	0	1	1	0	49
LAKE MICH CC	6	4	16	8	2	17	2	0	0	NA	3	0	0	1	54	113
LANSING CC	37	19	46	24	8	344	9	11	11	NA	12	2	10	8	32	573
MACOMB COM COLL	82	60	48	14	3	99	21	14	316	NA	37	31	4	293	36	1058
MID-MICHIGAN CC	41	3	17	1	1	7	1	3	1	NA	0	1	2	2	1	81
MONROE COUNTY CC	5	41	6	0	1	4	2	1	1	NA	7	1	0	4	4	77
MONTCALM CC	11	1	11	8	1	4	1	1	0	NA	1	0	0	0	2	41
MOTT CC	30	23	24	7	2	56	4	5	17	NA	7	0	278	7	20	480
MUSKEGON CC	20	3	28	74	1	46	11	3	4	NA	10	0	0	3	61	264

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
NORTH CENTRAL MICH	13	3	16	6	14	11	0	11	0	NA	1	1	1	1	7	85
NORTHWESTERN MICH	29	5	35	11	7	45	17	11	5	NA	10	0	2	2	15	194
OAKLAND COUNTY CC	107	146	49	21	5	158	15	17	330	NA	41	50	11	212	71	1233
SCHOOLCRAFT CC	26	133	18	2	0	41	4	3	5	NA	19	38	0	39	20	348
ST CLAIR CC	41	22	23	2	5	43	7	3	22	NA	12	0	0	13	30	223
SOUTHWESTERN MICH	5	1	20	5	0	12	2	0	0	NA	3	0	1	3	35	87
WASHTENAW CC	8	283	4	2	0	11	1	0	3	NA	36	3	2	10	8	371
WAYNE COUNTY CC	5	128	6	1	0	14	1	1	11	NA	5	46	0	285	11	514
WEST SHORE	11	1	20	13	0	9	5	1	0	NA	2	0	0	1	7	70
TOTALS	815	1151	663	451	122	1329	205	183	770	0	338	334	336	1155	1007	

(11) OU - 330

2 WSU - 212

(11) 1151

3 1151

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OU	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOTALS
BAKER JR COLL OF BUS	0	0	4	0	0	1	0	0	0	NA	0	0	0	0	0	5
DAVENPORT COLLEGE	5	0	15	24	1	8	1	1	0	NA	0	0	0	0	10	65
LEWIS COLLEGE OF BUS	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	0
MUSKEGON BUS. SCHOOL	0	1	10	10	0	1	0	1	0	NA	0	0	0	0	3	26
SUOMI COLLEGE	8	0	8	1	5	1	6	29	0	NA	0	0	0	2	0	60
TOTALS	13	1	37	35	6	11	7	31	0	0	0	0	0	2	13	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	ADRN	ALEN	ALMA	ADRW	AONS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
CENTRAL MICHIGAN	3	1	1	0	3	2	0	3	1	7	NA	0	1	1	5	NA	0	5
EASTERN MICHIGAN	2	0	1	0	0	0	2	15	0	3	NA	0	0	0	2	NA	0	1
FERRIS STATE	0	1	0	0	4	2	3	3	1	5	NA	2	1	0	2	NA	1	5
GRAND VALLEY STATE	0	0	0	0	2	5	0	0	0	1	NA	1	1	0	8	NA	0	5
LAKE SUPERIOR STATE	0	0	2	0	1	1	0	0	0	0	NA	0	0	0	1	NA	1	0
MICHIGAN STATE	3	4	0	1	2	3	8	4	3	7	NA	0	1	1	3	NA	0	6
MICHIGAN TECH	0	1	3	0	1	2	1	0	1	2	NA	0	0	0	1	NA	1	0
NORTHERN MICHIGAN	0	1	0	0	0	0	1	0	0	1	NA	0	0	0	2	NA	1	0
OAKLAND UNIVERSITY	1	1	1	0	0	1	2	0	0	13	NA	0	0	0	1	NA	0	0
SAGINAW VALLEY	0	0	2	0	0	0	0	0	0	1	NA	0	0	0	1	NA	0	0
U OF M - ANN ARBOR	0	3	1	3	1	0	5	10	2	0	NA	0	0	0	0	NA	0	2
U OF M - DEARBORN	0	1	0	0	0	0	1	0	0	6	NA	0	0	0	0	NA	1	0
U OF M - FLINT	1	0	1	0	0	0	0	0	0	2	NA	0	0	0	0	NA	0	0
WAYNE STATE UNIVERSITY	1	1	0	0	1	1	9	0	0	26	NA	0	0	1	0	NA	0	1
WESTERN MICHIGAN	3	0	0	1	0	1	5	3	0	2	NA	0	0	3	2	NA	1	1
TOTALS	14	14	12	5	15	18	37	38	8	76	0	3	4	6	28	0	6	26

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	OLVT	BIBL	SACR	SMHS	SARB	ST M	U-D	WLSH	WILL	TOTALS
CENTRAL MICHIGAN	9	5	1	1	0	4	7	1	0	0	2	0	1	3	NA	0	67
EASTERN MICHIGAN	18	37	1	3	0	2	0	1	0	0	0	1	1	3	NA	3	96
FERRIS STATE	11	10	0	3	0	0	8	2	0	0	1	1	0	5	NA	0	71
GRAND VALLEY STATE	2	3	1	1	0	1	0	1	0	0	1	0	0	0	NA	0	33
LAKE SUPERIOR STATE	4	2	1	1	0	0	0	0	0	0	2	1	0	1	NA	0	18
MICHIGAN STATE	35	13	3	4	0	5	4	2	0	0	0	1	2	14	NA	3	132
MICHIGAN TECH	21	3	0	1	0	0	0	0	0	0	0	0	0	0	NA	0	38
NORTHERN MICHIGAN	6	3	1	0	2	1	0	0	0	0	0	0	0	1	NA	0	20
OAKLAND UNIVERSITY	26	5	1	7	0	1	5	0	0	0	0	0	0	15	NA	3	83
SAGINAW VALLEY	1	1	0	2	0	1	1	0	0	0	1	1	1	0	NA	0	13
U OF M - ANN ARBOR	14	8	0	7	0	2	0	1	0	0	3	0	0	8	NA	1	71
U OF M - DEARBORN	11	14	0	3	0	0	0	0	0	0	0	0	0	6	NA	0	43
U OF M - FLINT	4	0	0	1	0	0	1	0	0	0	0	1	0	1	NA	0	12
WAYNE STATE UNIVERSITY	39	32	10	34	1	3	0	0	0	0	0	1	3	42	NA	6	212
WESTERN MICHIGAN	6	6	0	2	1	17	4	1	0	0	1	0	0	7	NA	0	67
TOTALS	207	142	19	70	4	37	30	9	0	0	11	7	8	106	0	16	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	ADRW	AQNS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
ADRIAN COLLEGE	0	1	0	0	0	0	0	0	0	0	NA	0	0	0	1	NA	0	2
ALBION COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	1	NA	0	1
ALMA COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
ANDREWS UNIVERSITY	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
AQUINAS COLLEGE	0	0	1	0	0	6	0	0	0	0	NA	0	0	0	1	NA	0	1
CALVIN COLLEGE	0	0	0	1	1	0	0	0	0	0	NA	0	2	0	4	NA	0	3
CTR FOR CREATIVE STUDI	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	2
CLEARY COLLEGE	0	0	0	0	0	0	0	0	0	1	NA	0	0	0	0	NA	0	0
CONCORDIA COLLEGE	0	0	0	0	0	1	0	0	0	0	NA	0	0	0	0	NA	0	0
DETROIT COLL OF BUS	0	0	0	0	0	0	0	3	0	0	NA	0	0	0	0	NA	0	0
GMI ENG. & MGNT.	0	0	0	0	0	0	1	1	0	0	NA	0	0	0	0	NA	0	0
GRACE BIBLE COLL	0	0	0	0	0	2	0	0	0	0	NA	0	1	0	0	NA	0	0
GRAND RAPIDS BAPTIST	0	0	0	0	0	22	0	0	0	0	NA	0	0	0	0	NA	0	1
HILLSDALE	0	0	0	0	1	0	0	0	1	0	NA	0	0	0	1	NA	0	0
HOPE COLLEGE	0	0	0	0	1	4	0	0	0	0	NA	0	1	1	0	NA	1	0
JORDAN COLLEGE	0	0	0	0	0	0	0	0	0	13	NA	0	2	0	1	NA	0	0
KALAMAZOO COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
KENDALL SCH. OF DESIGN	0	0	0	0	2	0	1	0	0	0	NA	0	1	0	2	NA	0	0
LAWRENCE INSTITUTE	1	0	0	0	0	0	2	0	0	0	NA	0	0	0	1	NA	0	0
MADONNA COLLEGE	0	0	1	0	0	0	0	1	0	2	NA	0	0	0	0	NA	0	1

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	ADRW	AQNS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
MARYGROVE	0	0	0	0	0	0	0	0	0	1	NA	0	0	0	0	NA	0	0
MERCY COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
MICHIGAN CHRISTIAN	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
NAZARETH COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	1
NORTHWOOD INSTITUTE	0	0	0	0	0	0	0	1	0	6	NA	0	0	1	0	NA	0	0
OLIVET COLLEGE	0	0	0	0	0	1	0	1	0	0	NA	0	0	0	0	NA	0	0
REFORMED BIBLE	0	0	0	0	0	7	0	0	0	0	NA	0	0	0	1	NA	0	0
SACRED HEART	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
SIENNA HEIGHTS	1	0	0	0	0	0	1	1	0	0	NA	0	0	2	0	NA	0	0
SPRING ARBOR COLLEGE	0	0	0	0	0	1	0	0	0	1	NA	0	0	0	1	NA	0	1
ST MARYS COLLEGE	0	0	0	0	0	0	0	0	1	0	NA	0	0	1	0	NA	0	0
UNIVERSITY OF DETROIT	0	2	0	0	0	0	0	2	0	6	NA	0	0	0	0	NA	0	0
WALSH	0	0	0	0	0	0	0	0	0	1	NA	0	0	0	0	NA	0	0
WILLIAM TYNDALE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
TOTALS	2	3	2	1	5	44	5	10	2	31	0	0	7	5	14	0	1	13

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	RECEIVING INSTUTUTIONS																TOTALS
	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	DLVT	BIBL	SACR	SNMS	SARB	ST M	U-D	WLSH	WILL	
ADRIAN COLLEGE	0	4	0	0	0	1	0	1	0	0	1	1	0	0	NA	1	13
ALBION COLLEGE	1	2	0	0	0	0	1	0	0	0	0	1	0	17	NA	0	24
ALMA COLLEGE	0	0	4	0	0	0	0	1	0	0	0	0	0	1	NA	0	6
ANDREWS UNIVERSITY	1	1	0	0	0	0	0	0	0	0	0	0	0	1	NA	0	3
AQUINAS COLLEGE	0	1	0	1	0	1	0	0	0	0	0	0	0	2	NA	0	14
CALVIN COLLEGE	2	0	0	1	0	1	0	0	6	0	0	0	0	1	NA	1	23
CTR FOR CREATIVE STUDI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	2
CLEARY COLLEGE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	NA	1	3
CONCORDIA COLLEGE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	2
DETROIT COLL OF BUS	6	4	0	7	0	0	0	0	0	0	0	0	0	2	NA	1	23
GMI ENG. & MGNT.	7	0	0	0	0	0	0	0	0	0	0	0	0	1	NA	0	10
GRACE BIBLE COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	3
GRAND RAPIDS BAPTIST	1	0	0	0	0	0	0	0	0	0	1	1	0	0	NA	1	27
HILLSDALE	0	1	0	0	0	0	1	0	0	0	0	0	0	0	NA	0	5
HOPE COLLEGE	0	0	0	0	0	0	0	1	1	0	0	0	0	1	NA	0	11
JORDAN COLLEGE	0	0	0	2	0	0	0	0	0	0	0	0	0	1	NA	3	22
KALAMAZOO COLLEGE	0	0	0	2	0	2	0	0	0	0	0	1	0	0	NA	0	5
KENDALL SCH. OF DESIGN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	NA	0	7
LAWRENCE INSTITUTE	0	8	0	2	1	0	0	0	0	0	0	0	0	7	NA	1	23
MADONNA COLLEGE	1	0	1	3	0	0	0	0	0	0	0	0	1	6	NA	0	17



## FALL 1984 MACRAD MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	OLVT	BIBL	SACR	SNHS	SARB	ST M	U-D	WLSH	WILL	TOTALS
MARYGROVE	0	5	0	7	0	0	0	0	0	0	0	0	1	14	NA	0	28
MERCY COLLEGE	1	10	4	0	0	1	1	0	0	0	0	0	0	22	NA	1	40
MICHIGAN CHRISTIAN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	NA	1	3
NAZARETH COLLEGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	1
NORTHWOOD INSTITUTE	0	4	0	0	0	0	0	1	0	0	0	0	0	1	NA	0	14
OLIVET COLLEGE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	3
REFORMED BIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	8
SACRED HEART	0	1	0	0	0	0	0	0	0	0	0	0	0	1	NA	0	2
SIENNA HEIGHTS	1	3	0	0	0	0	0	0	0	0	0	0	0	1	NA	1	11
SPRING ARBOR COLLEGE	0	0	0	0	0	1	0	0	1	0	0	0	0	0	NA	0	6
ST MARYS COLLEGE	0	2	0	0	0	0	0	0	0	0	0	0	0	1	NA	0	5
UNIVERSITY OF DETROIT	7	3	4	6	0	0	0	0	0	0	0	0	1	0	NA	0	31
WALSH	2	0	0	0	0	0	0	0	0	0	0	0	0	2	NA	0	5
WILLIAM TYNDALE	1	0	0	0	0	0	0	0	0	0	0	2	0	0	NA	0	3
TOTALS	32	53	13	31	1	7	3	4	9	0	2	6	3	82	0	12	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES &amp; UNIVERSITIES

RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES &amp; UNIVERSITIES

SENDING INSTITUTIONS	RECEIVING INSTUTIONS																	
	ADRN	ALBN	ALMA	ADRW	AONS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
ALPENA CC	0	0	0	0	0	0	0	1	0	0	NA	0	0	0	1	NA	0	0
BAY DE NOC CC	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
DELTA COLLEGE	0	1	0	0	1	2	0	0	3	3	NA	0	1	0	0	NA	0	1
GLEN OAKS	0	0	0	0	0	0	0	0	0	0	NA	0	0	1	1	NA	0	0
GOGEBIC	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
GRAND RAPIDS JR COLL	0	0	0	0	42	29	0	0	1	0	NA	1	6	0	20	NA	0	16
HENRY FORD CC	1	2	0	2	1	0	7	1	1	46	NA	0	0	2	1	NA	0	0
HIGHLAND PARK CC	0	0	0	0	0	0	0	0	0	11	NA	0	0	0	0	NA	0	0
JACKSON CC	8	1	0	0	0	0	0	1	0	1	NA	0	0	2	0	NA	0	17
KALAMAZOO VALLEY CC	0	0	0	0	0	0	0	0	0	0	NA	0	2	0	2	NA	0	1
KELLOGG CC	0	4	0	4	1	3	0	0	0	0	NA	0	1	1	1	NA	0	1
KIRTLAND CC	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
LAKE MICH CC	0	0	0	7	2	0	0	0	0	0	NA	0	0	0	1	NA	0	0
LANSING CC	1	1	0	3	0	2	4	11	0	0	NA	0	3	0	1	NA	0	4
MACOMB COM COLL	4	2	0	1	1	0	23	0	2	41	NA	0	0	1	2	NA	0	1
MID-MICHIGAN CC	1	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
MONROE COUNTY CC	4	0	0	0	0	0	0	2	1	1	NA	0	1	1	0	NA	0	0
MONTCALM CC	0	0	0	0	0	0	0	0	1	0	NA	0	4	0	0	NA	0	0
MOTT CC	1	1	0	2	0	0	1	0	0	29	NA	0	2	0	0	NA	0	1
MUSKEGON CC	2	0	0	0	1	3	0	0	1	1	NA	0	1	0	9	NA	0	4

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	ADRW	AQNS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
NORTH CENTRAL MICH	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	0	0
NORTHWESTERN MICH	0	0	1	0	1	1	3	0	0	0	NA	0	0	0	0	NA	0	2
OAKLAND COUNTY CC	3	5	1	1	1	0	20	12	0	27	NA	0	2	2	0	NA	1	0
SCHOOLCRAFT CC	0	0	0	1	0	0	3	7	0	10	NA	0	0	1	0	NA	0	0
ST CLAIR CC	2	0	0	0	1	1	4	0	1	11	NA	0	2	0	0	NA	0	0
SOUTHWESTERN MICH	0	0	0	7	0	0	0	1	0	0	NA	0	0	0	1	NA	1	1
WASHTENAW CC	0	0	0	1	1	0	1	36	0	1	NA	0	1	0	1	NA	0	1
WAYNE COUNTY CC	1	0	0	2	0	0	2	9	1	60	NA	0	1	0	0	NA	0	0
WEST SHORE	0	0	0	0	1	0	0	0	0	0	NA	0	0	1	0	NA	0	0
TOTALS	28	17	2	31	54	41	68	81	12	242	0	1	27	12	41	0	2	50

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	RECEIVING INSTUTUTIONS																	TOTALS
	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	OLVT	BIBL	SACR	SNHS	SARB	ST M	U-D	WLSH	WILL		
ALPENA CC	1	0	1	0	0	0	0	0	0	0	0	0	0	0	NA	0	4	
BAY DE NOC CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	
DELTA COLLEGE	5	1	0	2	0	0	3	0	0	0	0	1	0	2	NA	1	27	
GLEN OAKS	0	0	0	0	0	1	1	2	0	0	0	1	0	0	NA	0	7	
GOGEBIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	0	
GRAND RAPIDS JR COLL	2	0	0	6	1	4	2	2	3	0	0	0	0	0	NA	0	135	
HENRY FORD CC	92	78	8	35	0	0	1	2	0	1	0	1	0	30	NA	4	316	
HIGHLAND PARK CC	2	2	10	16	0	0	0	0	0	0	1	0	1	30	NA	0	73	
JACKSON CC	4	2	0	0	0	2	1	1	3	0	1	9	0	0	NA	0	53	
KALAMAZOO VALLEY CC	1	0	0	0	0	16	2	1	0	0	0	3	0	0	NA	0	28	
KELLOGG CC	0	1	0	0	0	10	1	7	0	0	0	0	0	0	NA	0	35	
KIRTLAND CC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	1	2	
LAKE MICH CC	2	0	0	0	0	1	0	5	0	0	0	1	0	0	NA	0	19	
LANSING CC	10	1	0	3	0	2	3	1	0	0	0	4	0	0	NA	0	54	
MACOMBS COM COLL	122	16	6	39	0	1	3	0	0	0	3	0	2	55	NA	4	329	
MID-MICHIGAN CC	0	0	0	0	0	0	2	0	0	0	0	0	0	0	NA	0	3	
MONROE COUNTY CC	0	2	0	2	0	0	0	0	0	0	1	0	0	1	NA	0	16	
MONTCALM CC	0	0	0	0	0	1	0	1	0	0	0	0	0	0	NA	0	7	
MOTT CC	0	1	0	1	0	1	0	1	0	0	1	3	0	3	NA	0	48	
MUSKEGON CC	1	0	0	1	0	0	1	0	1	0	0	0	0	0	NA	0	26	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	OLVT	BIBL	SACR	SNHS	SARB	ST M	U-D	WLSH	WILL	TOTALS
NORTH CENTRAL MICH	1	0	0	0	0	1	0	0	0	0	0	0	0	1	NA	0	3
NORTHWESTERN MICH	2	0	0	3	0	0	1	0	0	0	0	0	0	0	NA	0	14
DAKLAND COUNTY CC	123	83	11	58	1	1	11	0	0	1	1	2	5	42	NA	7	421
SCHOOLCRAFT CC	50	120	0	6	0	0	0	0	0	0	0	0	1	2	NA	4	205
ST CLAIR CC	7	3	0	3	0	1	0	0	0	0	0	2	0	5	NA	0	43
SOUTHWESTERN MICH	0	0	0	0	0	3	0	0	0	0	0	1	0	0	NA	0	15
WASHTENAW CC	8	12	0	0	0	0	0	0	0	0	0	0	0	3	NA	0	66
WAYNE COUNTY CC	20	66	60	84	1	0	0	1	0	0	1	0	0	11	NA	3	323
WEST SHORE	0	0	0	0	0	0	1	0	1	0	0	0	0	0	NA	0	4
TOTALS	454	388	96	259	3	45	33	24	8	2	9	28	9	185	0	24	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	ADRW	AQNS	CLVN	CCS	CLRY	CONC	DCB	GMI	GRAC	GRB	HILL	HOPE	JRDN	KLMZ	KNDL
BAKER JR COLL OF BUS	0	0	0	0	0	0	0	0	0	15	NA	0	0	0	0	NA	0	0
DAVENPORT COLLEGE	0	0	0	0	12	3	0	0	0	2	NA	2	3	0	3	NA	0	5
LEWIS COLLEGE OF BUS	0	0	0	0	0	0	0	1	0	2	NA	0	0	0	0	NA	0	0
MUSKEGON BUS. SCHOOL	0	0	0	0	3	0	0	0	0	0	NA	1	1	0	0	NA	0	0
SUOMI COLLEGE	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	NA	1	0
TOTALS	0	0	0	0	15	3	0	1	0	19	0	3	4	0	3	0	1	5

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	LIT	MDNA	MYGR	MRCY	M CH	NAZR	N WD	DLVT	BIBL	SACR	SNHS	SARB	ST M	U-D	WLSH	WILL	TOTALS
BAKER JR COLL OF BUS	0	0	0	0	1	0	0	0	0	0	0	2	0	0	NA	0	18
DAVENPORT COLLEGE	0	1	0	0	0	0	1	0	3	0	0	1	0	0	NA	0	36
LEWIS COLLEGE OF BUS	0	1	2	0	0	0	0	0	0	0	0	0	0	1	NA	0	7
MUSKEGON BUS. SCHOOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA	0	5
SUOMI COLLEGE	0	0	0	0	0	0	0	1	0	0	0	0	0	1	NA	0	3
TOTALS	0	2	2	0	1	0	1	1	3	0	0	3	0	2	0	0	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
CENTRAL MICHIGAN	6	5	NA	NA	0	NA	NA	0	NA	23	NA	23	4	NA	50	84	2	12
EASTERN MICHIGAN	4	0	NA	NA	0	NA	NA	1	NA	12	NA	2	2	NA	34	0	10	0
FERRIS STATE	6	4	NA	NA	0	NA	NA	0	NA	50	NA	19	7	NA	40	11	5	8
GRAND VALLEY STATE	0	0	NA	NA	0	NA	NA	0	NA	23	NA	3	5	NA	4	2	0	2
LAKE SUPERIOR STATE	2	5	NA	NA	0	NA	NA	0	NA	6	NA	1	1	NA	3	1	0	0
MICHIGAN STATE	5	4	NA	NA	0	NA	NA	0	NA	47	NA	5	6	NA	48	3	10	2
MICHIGAN TECH	1	3	NA	NA	0	NA	NA	0	NA	6	NA	4	1	NA	9	1	1	1
NORTHERN MICHIGAN	2	31	NA	NA	6	NA	NA	0	NA	8	NA	9	0	NA	15	0	1	4
OAKLAND UNIVERSITY	0	0	NA	NA	0	NA	NA	1	NA	16	NA	2	0	NA	137	6	2	0
SAGINAW VALLEY	4	0	NA	NA	0	NA	NA	0	NA	1	NA	3	1	NA	3	2	0	1
U OF M - ANN ARBOR	1	3	NA	NA	1	NA	NA	0	NA	1	NA	3	0	NA	15	3	5	1
U OF M - DEARBORN	0	0	NA	NA	0	NA	NA	1	NA	0	NA	2	0	NA	9	0	0	0
U OF M - FLINT	1	0	NA	NA	0	NA	NA	0	NA	0	NA	3	0	NA	3	0	0	0
WAYNE STATE UNIVERSITY	4	1	NA	NA	0	NA	NA	11	NA	4	NA	2	2	NA	179	1	3	0
WESTERN MICHIGAN	2	0	NA	NA	0	NA	NA	0	NA	373	NA	3	11	NA	20	3	1	2
TOTALS	38	56	0	0	7	0	0	14	0	570	0	84	40	0	569	117	40	33



## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	TOTALS
CENTRAL MICHIGAN	NA	NA	9	12	88	NA	7	NA	14	12	8	359
EASTERN MICHIGAN	NA	NA	1	2	85	NA	1	NA	184	36	1	375
FERRIS STATE	NA	NA	6	15	79	NA	1	NA	14	4	9	278
GRAND VALLEY STATE	NA	NA	0	3	19	NA	0	NA	2	2	4	69
LAKE SUPERIOR STATE	NA	NA	7	3	5	NA	0	NA	1	2	1	38
MICHIGAN STATE	NA	NA	6	15	126	NA	5	NA	40	10	6	338
MICHIGAN TECH	NA	NA	5	3	13	NA	2	NA	4	2	0	56
NORTHERN MICHIGAN	NA	NA	5	2	36	NA	3	NA	4	4	0	130
OAKLAND UNIVERSITY	NA	NA	2	1	173	NA	11	NA	6	7	0	364
SAGINAW VALLEY	NA	NA	1	0	3	NA	3	NA	1	0	0	23
U OF M - ANN ARBOR	NA	NA	1	12	66	NA	0	NA	172	13	2	299
U OF M - DEARBORN	NA	NA	2	2	8	NA	5	NA	0	5	0	34
U OF M - FLINT	NA	NA	0	0	18	NA	0	NA	4	0	0	29
WAYNE STATE UNIVERSITY	NA	NA	1	0	169	NA	7	NA	16	76	0	476
WESTERN MICHIGAN	NA	NA	1	18	72	NA	5	NA	22	10	8	551
TOTALS	0	0	47	88	960	0	50	0	484	183	39	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
ADRIAN COLLEGE	1	0	NA	NA	0	NA	NA	0	NA	4	NA	0	0	NA	3	0	1	0
ALBION COLLEGE	0	0	NA	NA	0	NA	NA	0	4	6	NA	0	1	NA	2	0	0	0
ALMA COLLEGE	0	1	NA	NA	0	NA	NA	0	NA	4	NA	1	0	NA	1	2	0	4
ANDREWS UNIVERSITY	1	0	NA	NA	0	NA	NA	0	NA	0	NA	1	14	NA	0	1	0	0
AQUINAS COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	3	NA	1	0	NA	2	0	0	0
CALVIN COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	12	NA	0	0	NA	0	0	0	1
CTR FOR CREATIVE STUDI	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	10	0	0	0
CLEARY COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	2	NA	2	0	NA	1	0	1	0
CONCORDIA COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	2	NA	0	0	NA	1	0	0	0
DETROIT COLL OF BUS	0	1	NA	NA	0	NA	NA	0	NA	2	NA	0	0	NA	11	0	2	0
GMI ENG. & MGNT.	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	4	0	0	0
GRACE BIBLE COLL	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	0	0	0	0
GRAND RAPIDS BAPTIST	0	0	NA	NA	0	NA	NA	0	NA	2	NA	0	0	NA	0	0	0	2
HILLSDALE	0	0	NA	NA	0	NA	NA	0	NA	3	NA	0	0	NA	2	0	3	0
HOPE COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	4	NA	0	1	NA	1	1	0	7
JORDAN COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	1	NA	0	0	NA	0	0	0	3
KALAMAZOO COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	4	NA	0	0	NA	3	0	0	0
KENDALL SCH. OF DESIGN	0	0	NA	NA	0	NA	NA	0	NA	0	NA	1	0	NA	1	0	0	1
LAWRENCE INSTITUTE	0	0	NA	NA	0	NA	NA	1	NA	2	NA	1	0	NA	42	0	0	0
MADONNA COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	1	NA	0	0	NA	7	0	2	0

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
MARYGROVE	0	0	NA	NA	0	NA	NA	1	NA	0	NA	2	0	NA	12	0	1	0
MERCY COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	2	NA	4	0	NA	5	0	0	0
MICHIGAN CHRISTIAN	0	0	NA	NA	0	NA	NA	0	NA	1	NA	0	0	NA	4	1	0	0
NAZARETH COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	20	NA	1	1	NA	3	0	0	0
NORTHWOOD INSTITUTE	0	0	NA	NA	0	NA	NA	0	NA	2	NA	2	1	NA	11	1	1	2
OLIVET COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	3	NA	0	0	NA	0	0	0	0
REFORMED BIBLE	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	0	0	0	0
SACRED HEART	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	0	0	0	0
SIENNA HEIGHTS	0	2	NA	NA	0	NA	NA	0	NA	1	NA	0	1	NA	3	0	3	0
SPRING ARBOR COLLEGE	0	1	NA	NA	0	NA	NA	0	NA	4	NA	0	1	NA	0	0	0	0
ST MARYS COLLEGE	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	0	0	0	0
UNIVERSITY OF DETROIT	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	42	1	1	0
WALSH	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	13	0	0	0
WILLIAM TYNDALE	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	2	0	0	0
TOTALS	2	5	0	0	0	0	0	2	4	85	0	16	20	0	186	7	15	20

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	RECEIVING INSTUTUTIONS											TOTALS
	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	
ADRIAN COLLEGE	NA	NA	0	0	5	NA	0	NA	6	0	1	21
ALBION COLLEGE	NA	NA	0	0	8	NA	0	NA	2	0	0	23
ALMA COLLEGE	NA	NA	0	3	4	NA	0	NA	1	0	0	21
ANDREWS UNIVERSITY	NA	NA	0	0	2	NA	1	NA	0	0	0	20
AQUINAS COLLEGE	NA	NA	0	0	1	NA	0	NA	0	0	1	8
CALVIN COLLEGE	NA	NA	0	8	0	NA	0	NA	1	0	0	22
CTR FOR CREATIVE STUDI	NA	NA	0	0	15	NA	0	NA	0	1	0	26
CLEARY COLLEGE	NA	NA	0	0	7	NA	0	NA	16	0	0	29
CONCORDIA COLLEGE	NA	NA	0	0	3	NA	1	NA	7	0	0	14
DETROIT COLL OF BUS	NA	NA	0	0	27	NA	1	NA	0	15	0	59
GMI ENG. & MGNT.	NA	NA	0	0	10	NA	0	NA	1	1	0	16
GRACE BIBLE COLL	NA	NA	0	0	0	NA	0	NA	0	0	0	0
GRAND RAPIDS BAPTIST	NA	NA	0	0	0	NA	0	NA	0	0	0	4
HILLSDALE	NA	NA	0	0	1	NA	0	NA	3	0	0	12
HOPE COLLEGE	NA	NA	0	2	4	NA	0	NA	1	0	0	21
JORDAN COLLEGE	NA	NA	0	0	0	NA	1	NA	0	0	0	5
KALAMAZOO COLLEGE	NA	NA	0	1	5	NA	0	NA	2	2	0	17
KENDALL SCH. OF DESIGN	NA	NA	1	2	0	NA	0	NA	0	0	0	6
LAWRENCE INSTITUTE	NA	NA	0	0	61	NA	0	NA	2	3	0	112
MADONNA COLLEGE	NA	NA	0	0	23	NA	0	NA	3	3	0	39

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	TOTALS
MARYGROVE	NA	NA	0	0	25	NA	2	NA	0	3	0	46
MERCY COLLEGE	NA	NA	0	0	24	NA	3	NA	1	1	0	40
MICHIGAN CHRISTIAN	NA	NA	0	0	6	NA	0	NA	1	0	0	13
NAZARETH COLLEGE	NA	NA	0	0	0	NA	1	NA	0	0	0	26
NORTHWOOD INSTITUTE	NA	NA	1	3	13	NA	1	NA	0	1	0	39
OLIVET COLLEGE	NA	NA	1	0	1	NA	1	NA	0	0	0	6
REFORMED BIBLE	NA	NA	0	0	0	NA	0	NA	0	0	0	0
SACRED HEART	NA	NA	0	0	1	NA	0	NA	0	0	0	1
SIENNA HEIGHTS	NA	NA	0	0	3	NA	0	NA	4	2	1	20
SPRING ARBOR COLLEGE	NA	NA	0	0	2	NA	0	NA	2	0	0	10
ST MARYS COLLEGE	NA	NA	0	0	5	NA	0	NA	0	0	0	5
UNIVERSITY OF DETROIT	NA	NA	0	0	81	NA	0	NA	3	9	0	137
WALSH	NA	NA	0	0	8	NA	0	NA	0	0	0	21
WILLIAM TYNDALE	NA	NA	0	0	10	NA	0	NA	0	2	0	14
TOTALS	0	0	3	19	355	0	12	0	56	43	3	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
ALPENA CC	0	0	NA	NA	0	NA	NA	0	NA	6	NA	6	0	NA	3	0	1	1
BAY DE NOC CC	0	0	NA	NA	0	NA	NA	0	NA	5	NA	0	0	NA	1	0	0	0
DELTA COLLEGE	3	0	NA	NA	0	NA	NA	0	NA	18	NA	18	4	NA	4	14	1	2
GLEN OAKS	0	0	NA	NA	0	NA	NA	0	NA	42	NA	0	2	NA	0	0	0	0
GOGEBIC	0	2	NA	NA	0	NA	NA	0	NA	0	NA	0	1	NA	0	0	0	0
GRAND RAPIDS JR COLL	0	0	NA	NA	0	NA	NA	0	NA	21	NA	4	3	NA	0	1	0	6
HENRY FORD CC	0	0	NA	NA	0	NA	NA	0	NA	3	NA	1	0	NA	44	1	9	0
HIGHLAND PARK CC	0	0	NA	NA	0	NA	NA	0	NA	1	NA	0	0	NA	8	0	0	0
JACKSON CC	0	0	NA	NA	0	NA	NA	0	NA	15	NA	0	4	NA	3	0	6	9
KALAMAZOO VALLEY CC	1	1	NA	NA	0	NA	NA	0	NA	0	NA	0	5	NA	5	0	1	0
KELLOGG CC	0	0	NA	NA	0	NA	NA	0	NA	60	NA	0	7	NA	2	1	0	0
KIRTLAND CC	1	0	NA	NA	0	NA	NA	0	NA	2	NA	0	0	NA	2	8	0	0
LAKE MICH CC	0	0	NA	NA	0	NA	NA	0	NA	35	NA	0	0	NA	2	0	0	0
LANSING CC	1	0	NA	NA	1	NA	NA	0	NA	22	NA	9	2	NA	5	14	1	6
MACOMB COM COLL	3	0	NA	NA	0	NA	NA	4	NA	4	NA	3	0	NA	0	1	1	0
MID-MICHIGAN CC	0	1	NA	NA	0	NA	NA	0	NA	3	NA	10	0	NA	3	0	0	11
MONROE COUNTY CC	1	0	NA	NA	0	NA	NA	0	NA	3	NA	0	0	NA	1	2	0	0
MONTCALM CC	0	0	NA	NA	0	NA	NA	0	NA	0	NA	1	0	NA	0	3	1	0
MOTT CC	0	0	NA	NA	0	NA	NA	0	NA	0	NA	4	1	NA	11	3	0	0
MUSKEGON CC	0	1	NA	NA	0	NA	NA	0	NA	13	NA	0	0	NA	2	1	0	1

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
NORTH CENTRAL MICH	0	0	NA	NA	0	NA	NA	0	NA	6	NA	9	1	NA	3	0	2	0
NORTHWESTERN MICH	0	0	NA	NA	0	NA	NA	0	NA	7	NA	7	2	NA	2	4	1	1
OAKLAND COUNTY CC	3	0	NA	NA	0	NA	NA	3	NA	13	NA	5	1	NA	106	0	0	1
SCHOOLCRAFT CC	0	0	NA	NA	0	NA	NA	0	NA	4	NA	1	0	NA	14	0	1	0
ST CLAIR CC	1	0	NA	NA	0	NA	NA	0	NA	6	NA	3	0	NA	43	0	0	0
SOUTHWESTERN MICH	0	0	NA	NA	0	NA	NA	0	NA	35	NA	0	21	NA	0	0	0	0
WASHTENAW CC	0	0	NA	NA	0	NA	NA	0	NA	7	NA	1	0	NA	3	0	6	0
WAYNE COUNTY CC	2	1	NA	NA	0	NA	NA	46	NA	7	NA	5	0	NA	85	0	21	0
WEST SHORE	0	0	NA	NA	0	NA	NA	0	NA	4	NA	1	0	NA	0	0	0	0
TOTALS	16	6	0	0	1	0	0	53	0	342	0	88	54	0	352	53	52	38

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	TOTALS
ALPENA CC	NA	NA	12	16	4	NA	4	NA	0	0	0	53
BAY DE NOC CC	NA	NA	0	0	2	NA	0	NA	1	0	0	9
DELTA COLLEGE	NA	NA	0	8	12	NA	12	NA	6	1	1	104
GLEN OAKS	NA	NA	0	0	0	NA	0	NA	0	0	0	44
GOGBIC	NA	NA	0	0	3	NA	1	NA	1	0	0	8
GRAND RAPIDS JR COLL	NA	NA	1	5	3	NA	1	NA	7	0	0	52
HENRY FORD CC	NA	NA	1	7	110	NA	2	NA	29	77	1	285
HIGHLAND PARK CC	NA	NA	0	0	24	NA	0	NA	1	18	0	52
JACKSON CC	NA	NA	0	3	6	NA	0	NA	15	5	0	66
KALAMAZOO VALLEY CC	NA	NA	0	0	7	NA	1	NA	1	2	1	25
KELLOGG CC	NA	NA	2	0	1	NA	0	NA	1	0	1	75
KIRTLAND CC	NA	NA	2	6	6	NA	1	NA	0	0	0	28
LAKE MICH CC	NA	NA	1	0	1	NA	0	NA	0	0	0	39
LANSING CC	NA	NA	2	16	14	NA	0	NA	10	4	4	111
MACOMB COM COLL	NA	NA	5	0	224	NA	44	NA	7	19	0	315
MID-MICHIGAN CC	NA	NA	1	2	2	NA	1	NA	0	0	1	35
MONROE COUNTY CC	NA	NA	0	0	1	NA	0	NA	3	1	0	12
MONTCALM CC	NA	NA	0	0	3	NA	0	NA	0	0	0	8
MOTT CC	NA	NA	3	1	24	NA	11	NA	4	1	0	63
MUSKEGON CC	NA	NA	0	3	1	NA	0	NA	4	0	2	28



## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	TOTALS
NORTH CENTRAL MICH	NA	NA	0	8	2	NA	0	NA	0	0	1	32
NORTHWESTERN MICH	NA	NA	5	0	6	NA	1	NA	3	1	4	44
OAKLAND COUNTY CC	NA	NA	4	9	0	NA	10	NA	13	5	0	173
SCHOOLCRAFT CC	NA	NA	0	3	110	NA	2	NA	26	15	0	176
ST CLAIR CC	NA	NA	1	0	19	NA	0	NA	1	1	0	75
SOUTHWESTERN MICH	NA	NA	1	0	1	NA	2	NA	2	0	0	62
WASHTENAW CC	NA	NA	1	4	13	NA	0	NA	0	6	0	41
WAYNE COUNTY CC	NA	NA	0	0	97	NA	4	NA	27	0	0	295
WEST SHORE	NA	NA	0	3	1	NA	0	NA	0	0	0	9
TOTALS	0	0	42	94	697	0	97	0	162	156	16	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KZ V	KELL	KIRT	LK M	LANS	MCC	MIDM	MNRO	MONT
BAKER JR COLL OF BUS	2	0	NA	NA	0	NA	NA	0	NA	1	NA	1	0	NA	0	1	0	0
DAVENPORT COLLEGE	1	1	NA	NA	0	NA	NA	0	NA	53	NA	4	0	NA	2	3	0	5
LEWIS COLLEGE OF BUS	0	0	NA	NA	0	NA	NA	0	NA	0	NA	0	0	NA	0	0	0	0
MUSKEGON BUS. SCHOOL	0	0	NA	NA	0	NA	NA	0	NA	14	NA	1	2	NA	0	0	0	0
SUOMI COLLEGE	0	1	NA	NA	1	NA	NA	0	NA	2	NA	1	0	NA	2	0	1	0
TOTALS	3	2	0	0	1	0	0	0	0	70	0	7	2	0	4	4	1	5

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	MOTT	MUSK	NCM	NWM	OAKL	SCHL	ST C	SWM	WASH	WCCC	WEST	TOTALS
BAKER JR COLL OF BUS	NA	NA	2	0	1	NA	2	NA	0	0	0	10
DAVENPORT COLLEGE	NA	NA	2	1	2	NA	0	NA	1	1	0	76
LEWIS COLLEGE OF BUS	NA	NA	0	0	1	NA	0	NA	0	2	0	3
MUSKEGON BUS. SCHOOL	NA	NA	0	2	0	NA	0	NA	0	0	2	21
SUOMI COLLEGE	NA	NA	0	0	1	NA	0	NA	1	1	0	11
TOTALS	0	0	4	3	5	0	2	0	2	4	2	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	RECEIVING INSTUTUTIONS					TOTALS
	BAKR	DAVN	LCB	MUSK	SUOM	
CENTRAL MICHIGAN	11	4	0	9	1	25
EASTERN MICHIGAN	0	1	0	1	0	2
FERRIS STATE	8	18	0	18	0	44
GRAND VALLEY STATE	2	6	0	9	0	17
LAKE SUPERIOR STATE	0	0	0	1	2	3
MICHIGAN STATE	2	2	0	0	0	4
MICHIGAN TECH	0	0	0	0	5	5
NORTHERN MICHIGAN	0	3	0	0	5	8
OAKLAND UNIVERSITY	1	0	0	0	1	2
SAGINAW VALLEY	2	1	0	0	0	3
U OF M - ANN ARBOR	0	2	0	2	0	4
U OF M - DEARBORN	0	0	0	0	0	0
U OF M - FLINT	20	0	0	0	0	20
WAYNE STATE UNIVERSITY	0	0	1	0	0	1
WESTERN MICHIGAN	2	3	1	6	0	12
TOTALS	48	40	2	46	14	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

SENDING INSTITUTIONS	RECEIVING INSTUTIONS					TOTALS
	BAKR	DAVN	LCB	MUSK	SUOM	
ADRIAN COLLEGE	1	0	0	0	0	1
ALBION COLLEGE	0	0	0	0	0	0
ALMA COLLEGE	0	0	0	0	0	0
ANDREWS UNIVERSITY	0	0	0	0	1	1
AQUINAS COLLEGE	0	4	0	0	0	4
CALVIN COLLEGE	0	11	0	5	0	16
CTR FOR CREATIVE STUDI	0	0	0	0	0	0
CLEARY COLLEGE	0	0	1	0	0	1
CONCORDIA COLLEGE	0	0	0	0	0	0
DETROIT COLL OF BUS	2	0	0	0	0	2
GMI ENG. & MGNT.	0	0	0	0	0	0
GRACE BIBLE COLL	0	0	0	0	0	0
GRAND RAPIDS BAPTIST	1	6	0	0	0	7
HILLSDALE	0	0	0	0	0	0
HOPE COLLEGE	0	0	0	6	0	6
JORDAN COLLEGE	0	1	0	1	0	2
KALAMAZOO COLLEGE	0	0	0	0	0	0
KENDALL SCH. OF DESIGN	0	1	0	0	0	1
LAWRENCE INSTITUTE	1	0	0	0	0	1
MADONNA COLLEGE	0	0	0	0	1	1

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	RECEIVING INSTUTUTIONS					TOTALS
	BAKR	DAVN	LCB	MUSK	SUOM	
MARYGROVE	2	0	0	0	0	2
MERCY COLLEGE	0	0	0	0	1	1
MICHIGAN CHRISTIAN	0	0	0	0	0	0
NAZARETH COLLEGE	0	0	0	0	0	0
NORTHWOOD INSTITUTE	0	1	0	0	0	1
OLIVET COLLEGE	0	1	0	1	0	2
REFORMED BIBLE	0	0	0	0	0	0
SACRED HEART	0	0	0	0	0	0
SIENNA HEIGHTS	0	0	0	0	0	0
SPRING ARBOR COLLEGE	1	0	0	1	0	2
ST MARYS COLLEGE	0	0	0	0	0	0
UNIVERSITY OF DETROIT	0	0	0	0	0	0
WALSH	0	0	0	0	0	0
WILLIAM TYNDALE	0	0	0	0	0	0
TOTALS	8	25	1	14	3	

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES &amp; UNIVERSITIES

RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES &amp; UNIVERSITIES

## RECEIVING INSTUTIONS

SENDING INSTITUTIONS	BAKR	DAVN	LCB	MUSK	SUOM	TOTALS
ALPENA CC	0	2	0	1	0	3
BAY DE NOC CC	0	0	0	0	0	0
DELTA COLLEGE	1	0	0	0	0	1
GLEN OAKS	0	1	0	0	0	1
GOGEBIC	0	0	0	0	0	0
GRAND RAPIDS JR COLL	1	29	0	6	0	36
HENRY FORD CC	0	0	0	1	1	2
HIGHLAND PARK CC	0	0	0	0	0	0
JACKSON CC	0	0	0	1	0	1
KALAMAZOO VALLEY CC	0	0	0	0	0	0
KELLOGG CC	0	0	0	0	0	0
KIRTLAND CC	0	0	0	0	0	0
LAKE MICH CC	0	3	0	0	0	3
LANSING CC	2	1	0	0	1	4
MACOMB COM COLL	0	0	0	0	3	3
MID-MICHIGAN CC	0	0	0	0	0	0
MONROE COUNTY CC	0	0	0	0	0	0
MONTCALM CC	0	0	0	0	0	0
MOTT CC	91	0	0	0	0	91
MUSKEGON CC	0	1	0	170	0	171

## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	BAKR	DAVN	LCB	MUSK	SUOM	TOTALS
NORTH CENTRAL MICH	2	2	0	0	1	5
NORTHWESTERN MICH	0	1	0	0	0	1
OAKLAND COUNTY CC	2	0	0	1	0	3
SCHOOLCRAFT CC	0	0	0	0	0	0
ST CLAIR CC	1	0	0	0	0	1
SOUTHWESTERN MICH	0	0	0	0	0	0
WASHTENAW CC	2	0	0	0	0	2
WAYNE COUNTY CC	0	0	6	0	0	6
WEST SHORE	0	0	0	4	0	4
TOTALS	102	40	6	184	6	



## FALL 1984 MACRAO MIGRATION TRANSFER STUDY

SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

## RECEIVING INSTUTUTIONS

SENDING INSTITUTIONS	BAKR	DAVN	LCB	MUSK	SUOM	TOTALS
BAKER JR COLL OF BUS	0	0	0	0	0	0
DAVENPORT COLLEGE	4	0	0	12	0	16
LEWIS COLLEGE OF BUS	0	0	0	0	0	0
MUSKEGON BUS. SCHOOL	0	3	0	0	0	3
SUOMI COLLEGE	0	1	0	1	0	2
TOTALS	4	4	0	13	0	



RECEIVED

JUL 23 1987

CHANCELLOR'S OFFICE

July 20, 1987

Dr. R. Stephen Nicholson  
Chancellor  
Oakland Community College  
PO Box 812  
Bloomfield Hills, Michigan 48013

Dear Dr. <sup>Steve</sup> Nicholson:

I am pleased to transmit the enclosed set of reports detailing the performance of students from Oakland Community College who enrolled at Wayne State University in Fall Term 1986-87. As in earlier reports, these data compare the performance of students from various institutional sources by academic rank, and also include information regarding the number and percentage of transfer students that did not complete coursework during Fall Term. Please note, for purposes of data comparison, that the method used to calculate certain totals in the current set of reports differs somewhat from the method used in previous years. An appendix to the reports briefly describes the difference in methodology.

We hope that you and your staff will find the 1986 reports useful in assessing the progress of Oakland Community College transfer students at Wayne State University. If you are interested in discussing the enclosed report or its implications for academic needs at our two institutions, please do not hesitate to call me.

Thank you for your attention.

Sincerely,

A handwritten signature in dark ink, appearing to read 'David Adamany'.

David Adamany  
President

cc: S. Cohen, Provost

(1919M)

## DEFINITIONS

### Source Institutions

UNIVERSITY TRANSFERS--transfer students whose previous postsecondary institution was a Michigan or non-Michigan university.

FOUR-YEAR COLLEGE--transfer students whose previous postsecondary institution was a Michigan or non-Michigan four-year college.

COMMUNITY COLLEGE--transfer students whose previous postsecondary institution was a Michigan or non-Michigan community college.

NATIVE STUDENTS--students whose previous institution was a Michigan or non-Michigan high school.

### Academic Rank

FRESHMAN--students who have between one (1) and twenty-nine (29) semester hours of college-level credit.

SOPHOMORES--students who have earned between thirty (30) and fifty-nine (59) semester hours of college-level credit.

JUNIORS--students who have earned between sixty (60) and eighty-nine (89) semester hours of college-level credit, some or all of which apply to a degree.

SENIORS--students who have earned ninety (90) or more semester hours of college-level credit, some or all of which apply to a degree.

**SUMMARY ACADEMIC PERFORMANCE DATA**  
**(Separate SEMLCC Institutions)**

SUMMARY ACADEMIC PERFORMANCE DATA  
WAYNE STATE UNIVERSITY STUDENTS  
FALL 1986

SOURCE INSTITUTION	FRESHMEN							
	NUMBER OF REGISTERED STUDENTS				CREDIT HOURS AND HPA DATA			
	Total Number of Registrants	Withdrawals	Completions	Percent Completing Term	Average Hours Transferred	Pre-WSU Average HPA	Average SCH Elected at WSU	Current Average WSU HPA
Oakland Community College *	47	13	34	72%	8.9	2.94	10.3	2.64 <i>W</i>
All Community College Transfers	273	83	190	70%	9.2	2.90	9.7	2.62 <i>K</i>
Four-Year College Transfers	56	13	43	<i>71%</i> 77%	8.8	2.62	9.8	2.56
University Transfers	241	85	156	65%	3.3	2.64	14.7	2.73
Native Students (FTIAC'S)	2334	118	2216	95%	N/A	N/A	13.6	2.40
GRAND TOTAL: ALL STUDENTS	2904	321	2614	89%	6.7	2.76	13.3	2.44

Please refer to reverse side of table for definitions.

SUMMARY ACADEMIC PERFORMANCE DATA  
WAYNE STATE UNIVERSITY STUDENTS  
FALL 1986

SOURCE INSTITUTION	SOPHOMORES							
	NUMBER OF REGISTERED STUDENTS				CREDIT HOURS AND HPA DATA			
	Total Number of Registrants	Withdrawals	Completions	Percent Completing Term	Average Hours Transferred	Pre-WSU Average HPA	Average SCH Elected at WSU	Current Average WSU HPA
Oakland Community College	153	7	146	95%	30.8	2.94	14.7	2.52
All Community College Transfers	986	45	941	95%	31.8	2.79	14.8	2.46
Four-Year College Transfers	146	21	125	86%	27.3	2.69	17.9	2.53
University Transfers	510	63	447	88%	20.7	2.64	24.3	2.55
Native Students (FTIAC'S)	1844	29	1815	98%	N/A	N/A	42.6	2.65
<b>GRAND TOTAL: ALL STUDENTS</b>	<b>3486</b>	<b>181</b>	<b>3339</b>	<b>95%</b>	<b>28.0</b>	<b>2.73</b>	<b>31.1</b>	<b>2.58</b>

Please refer to reverse side of table for definitions.

SUMMARY ACADEMIC PERFORMANCE DATA  
WAYNE STATE UNIVERSITY STUDENTS  
FALL 1986

SOURCE INSTITUTION	JUNIORS							
	NUMBER OF REGISTERED STUDENTS				CREDIT HOURS AND HPA DATA			
	Total Number of Registrants	Withdrawals	Completions	Percent Completing Term	Average Hours Transferred	Pre-WSU Average HPA	Average SCH Elected at WSU	Current Average WSU HPA
Oakland Community College	266	12	254	95%	52.0	2.88	24.7	2.72
All Community College Transfers	1638	89	1549	95%	49.0	2.87	26.8	2.67
Four-Year College Transfers	185	18	167	90%	44.7	2.60	31.1	2.66
University Transfers	784	100	684	87%	39.8	2.66	37.1	2.76
Native Students (FTIAI'S)	1602	27	1575	98%	N/A	N/A	73.0	2.82
GRAND TOTAL: ALL STUDENTS	4209	249	4016	94%	45.9	2.79	47.0	2.74

Please refer to reverse side of table for definitions.

SUMMARY ACADEMIC PERFORMANCE DATA  
WAYNE STATE UNIVERSITY STUDENTS  
FALL 1986

SOURCE INSTITUTION	SENIORS							
	NUMBER OF REGISTERED STUDENTS				CREDIT HOURS AND HPA DATA			
	Total Number of Registrants	Withdrawals	Completions	Percent Completing Term	Average Hours Transferred	Pre-WSU Average HPA	Average SCH Elected at WSU	Current Average WSU HPA
Oakland Community College	291	19	272	93%	57.7	2.98	58.4	2.81
All Community College Transfers	1709	126	1583	93%	54.9	2.92	60.9	2.82
Four-Year College Transfers	229	27	202	88%	59.4	2.70	60.9	2.83
University Transfers	1326	272	1054	79%	55.3	2.71	67.3	2.91
Native Students (FTIAC'S)	1960	29	1931	99%	N/A	N/A	114.3	2.96
GRAND TOTAL: ALL STUDENTS	5224	482	4816	91%	55.4	2.82	83.9	2.90

Please refer to reverse side of table for definitions.



**DETAILED ACADEMIC PERFORMANCE DATA**

DETAILED ACADEMIC PERFORMANCE DATA  
FALL 1986

TRANSFERS BY WSU RANK	Hours Elected at WSU	Total Students	NUMBER OF REGISTERED STUDENTS			STUDENTS COMPLETING TERM		
			Completions	Withdrawals	Percent of Completions	Pre-WSU HPA	Average Hours Transferred	Average WSU HPA
<u>Freshmen:</u>	1-14	37	26	11	70%	2.92	10.6	2.54
	15-29	10	8	2	80%	3.00	3.5	2.96
<u>Subtotal:</u>		47	34	13	72%	2.94	8.9	2.64
<u>Sophomores:</u>	1-14	97	94	3	97%	2.95	34.9	2.50
	15-29	34	34	0	100%	2.81	27.1	2.51
	30-44	19	15	4	79%	3.00	18.2	2.62
	45-59	3	3	0	100%	3.58	7.3	2.90
<u>Subtotal:</u>		153	146	7	95%	2.94	30.8	2.52
<u>Juniors:</u>	1-14	89	87	2	98%	2.95	61.6	2.71
	15-29	92	88	4	96%	2.87	55.7	2.75
	30-44	52	49	3	94%	2.83	42.9	2.66
	45-59	23	21	2	91%	2.64	30.2	2.71
	60-74	8	7	1	88%	2.96	24.8	2.79
	75-89	2	2	0	100%	3.48	23.0	3.09
<u>Subtotal:</u>		266	254	12	95%	2.88	52.0	2.72
<u>Seniors:</u>	1-14	9	9	0	100%	2.65	90.2	2.76
	15-29	20	18	2	90%	2.84	87.2	2.89
	30-44	51	50	1	98%	3.10	65.0	3.01
	45-59	77	72	5	94%	3.09	61.5	2.88
	60-74	59	55	4	93%	2.86	51.5	2.64
	75-89	44	41	3	93%	3.00	46.0	2.72
	90-104	18	17	1	94%	2.88	36.0	2.74
	105-119	8	6	2	75%	2.89	35.5	2.50
	120*	5	4	1	80%	2.58	21.0	2.84
<u>Subtotal:</u>		291	272	19	93%	2.98	57.7	2.81

120\* - greater than 120 semester hours

41355

**APPENDIX**

## SEMLCC INSTITUTION REGISTRANTS AT WAYNE STATE UNIVERSITY

FALL 1986

<u>SEMLCC Institutions</u>	<u>Number of Students Enrolled at WSU</u>
Henry Ford Community College	737 ✓
Highland Park Community College	199
Macomb Community College	1301 ✓
Monroe County Community College	13
Mott Community College	16
Oakland Community College	757 - 17.5%
St. Clair County Community College	43
Schoolcraft College	172
Washtenaw Community College	37
Wayne County Community College	1044

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4319

## 1986 REPORT METHODOLOGY

Populations in the "Grand Total: All Students" categories for previous years' reports included post bachelors, special admissions, guests and non-matriculating students. These groups were removed from the Grand Total categories to more accurately reflect the transfer category detail that comprises the totals. Individual community college data and other detail categories in the report were not changed and are fully comparable and consistent with data from previous years.

192911

OAKLAND COMMUNITY COLLEGE  
 OFFICE OF INSTITUTIONAL RESEARCH  
 FALL 1987 ETHNIC ENROLLMENTS

CAMPUS ORCHARH RIDGE

		ETHNIC												TOTAL	
		1. AA INDIAN		2. ASIAN		3. BLACK		4. HISPANIC		5. WHITE		6. UNREPORTED		SEX	
		SEX		SEX		SEX		SEX		SEX		SEX		SEX	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
STATUS	CLASS														
FULL-TIME	FRESHMAN	1	2	10	8	35	36	.	7	512	582	138	161	696	796
	SOPHMORE	1	1	1	3	6	6	2	.	135	129	50	56	195	195
PART-TIME	FRESHMAN	4	3	27	18	100	80	24	11	1470	989	589	440	2214	1541
	SOPHMORE	4	2	6	4	23	17	20	14	697	425	203	140	953	602
CLASS															
FRESHMAN		5	5	37	26	135	116	24	18	1982	1571	727	601	2910	2337
SOPHMORE		5	3	7	7	29	23	22	14	832	554	253	196	1148	797
TOTAL		10	8	44	33	164	139	46	32	2814	2125	980	797	4058	3134



## MEMORANDUM

To: Dr. R. Stephen Nicholson  
From: Dan Jaksen  
Subject: Retention Study (Olivarez)  
Date: September 8, 1986

Each piece of research can be helpful when coordinated with the bigger picture. While I compliment Dr. Olivarez with his initiative I am also anxious to share with him my criticisms herein offered with the best of intentions. I do so knowing full well of the difficulty, time, and other resource demands of making such an effort and I commend him for it.

Because of the small sample size any inference to a larger population must be treated with reservation. While the effort was made to "randomly" select students, I submit that we need to study "targeted" students as well. For instance, of all the students in the "BUS" courses, what is their profile? What zip code do they live in? What high school is strongest feeder, etc.?

The fact that specific students were in those particular courses does not necessarily mean that they were in the program indicated by the course alpha prefix. We should be able to sort those students by program. An institutional research data base problem exists because that information is not updated regularly. As I understand it, we only have a student's program choice indicated at the initial application to the college. As we all know that can change several times as many students sort through options of career choices. We have to find a way to update and keep current program choices.

The second paragraph of the "Entering Student Survey" which states that female new students outnumber males by 54 percent to 46 percent may be misleading. I suggest it represents the sample selected for this survey and not necessarily a larger population. A check with Henry Friegruber for verification to determine accuracy is necessary.

The third paragraph shows over 50 percent living independently, in their own home or in an apartment. That suggests decision making may also be more independent. To me this implies people who are working, assuming more of life's other responsibilities. Our targeted reach to keep these people should reflect a different approach than some other groups i.e. housewives, traditional age students, etc. (The numbers are verified in the next paragraph.)

About preferred times of classes: How many attend only day until 5:00 p.m.; from 5:01 p.m. to 11:00 p.m.? How many overlap these time periods?

As I read the information on Returning Students, the thought comes to me that a side by side display of the two groups would be helpful to better compare the data.

Rather than comment further I suggest that all research initiated be part of a research plan that is coordinated so that answers to questions can better be found. I don't mean to stifle any initiative, but it is important to pool the information.

As we do more of this, you will find a data base growing over time. It is critical to the data base that time framed data be displayed. Much of our future research will be continually qualified because of response limitations. However, tracking over time develops more credibility of data and thus information becomes more valuable.

I am not familiar with the cost of the ACT instrument in this case. If Dr. Olivarez was cost conscious and just piloted this effort, all the more credit to him. In any event, I believe it is also important that any discussion of a research report should involve the researcher. Complete communication comes up short when this does not happen.

I am unable to recommend any definitive course of action the college should take as a result of this particular study other than to do more of it but in a coordinated fashion. After time the picture will begin to emerge.

Also, we should begin to develop and ask good questions not just collect data. What is it we really want to know? Finding the right questions can be sometimes more difficult than getting answers. Good answers to the wrong questions can be disasterous.

DJ:df

cc: Dr. Carlos L. Olivarez

(11/12)