

SURVEY OF TRANSFER STUDENTS

TO

FOUR-YEAR MICHIGAN UNIVERSITIES OF COLLEGES

FROM

OAKLAND COMMUNITY COLLEGE

1985-86 Academic Year

INSTITUTIONAL ANALYSIS AND RESEARCH

Dorothy Hopkin, Vice President of
Information and Telecommunication Systems

Henry Freigruber, Systems Analyst

Stephanie Y. Holman, Typist

July, 1987

SURVEY OF OAKLAND COMMUNITY COLLEGE STUDENTS TRANSFERRING TO A FOUR-YEAR MICHIGAN UNIVERSITY OR COLLEGE OVERVIEW

Fifty-four Michigan universities and colleges were surveyed to see how former OCC students were doing during the 1985-86 academic year. Twenty-eight of the universities and colleges responded to the survey. Of the twenty-eight responding schools: two had no former OCC students; two could not supply the needed information. The following comments are derived from the twenty-four colleges' responses.

A total of 4,955 former OCC students were reported as attending the four year level schools.

Orchard Ridge Campus had the most former OCC students attending four-year level schools with 1,482; Auburn Hills 1,231; Southeast Campus system 1,048; Highland Lakes 547; and 647 former students could not be matched to a campus.

Wayne State University had the most former OCC students attending with 1,472. Oakland University had 1,393, Lawrence Institute of Technology had 784, and Eastern Michigan University had 523.

The four-year universities and colleges in Oakland and Wayne counties accounted for 84% of the total former OCC students reported, leading to the assumption that students tend to remain in the Oakland Community College area and commute to their four-year school.

Two-hundred and twenty different programs were reported as being followed at the four year level. General Studies was the most popular with some 375 students. Business is the second most popular program with 314 students reported.

One-hundred and eighteen Oakland Community College programs are represented at the four-year level schools. Liberal Arts (Non-Science) was the leader with 747 followed by the OCC Non-degree student with 670.

The composite OCC grade point average of 3.09 for the transfer students reported dropped to 2.79 at the four-year schools. This is a drop of a little more than a half a grade. At no reported four-year school did the former OCC student composite grade point average drop below 2.00.

One-hundred and sixty-one former OCC students were reported as having received some type of degree from the four-year schools. One-hundred and fifty-six were at the four-year level, and the remaining five were of the associate degree level. Oakland University conferred the largest number of degrees on former OCC students with a total of 127. Mercy College of Detroit issued 29, Saint Mary's College issued 3, and one each were conferred by Adrian College and General Motors Institute.

Of the transfer students included in the survey results, eighty-eight have received a degree or certificate from OCC. Thirty-six had a transfer type degree conferred by OCC; thirty-two a vocational type degree; and the remaining twenty a vocational certificate.

The average transfer student had accumulated 44 credits at OCC prior to transfer.

This survey is an attempt to provide data on students transferring to four-year Michigan Universities and Colleges from Oakland Community College. Where possible, this survey also attempts to provide an analysis of differences between student data at Oakland Community College and data pertaining to those same students at a Michigan four-year university or college.

The format to present the information will be to pose a question; reference a table associated with the question, and give a brief discussion of selected observations regarding the question and table review. For the reader who would like more detail, the input information can be provided.

It should be noted that final conclusions cannot be drawn from the kinds of information provided in this study, nor can generalizations be made from such a limited data base as available for this study. It is with these noted limitations that the information of the study is presented.

Any attempt to collect follow-up information on students who transfer from Oakland Community College to four-year universities or colleges most certainly requires the cooperation of the four-year universities or colleges. During the Spring of 1986, fifty-four Michigan Colleges and Universities was requested to supply information on former Oakland Community College students who attended their university or college since Summer, 1985, which could be compared to similar information on file at Oakland Community College. Some Universities and Colleges did not respond. Some responded with only part of the information requested. Therefore, it be realized that information from four-year universities or colleges presented in this study are samples provided by some of the Michigan four-year universities or colleges.

QUESTION: Which Michigan four-year universities or colleges were surveyed and what was their response?

A brief look at Table A results shows that of the 54 universities or colleges surveyed, twenty-eight (28) or 52% submitted some type of reply to the survey, while twenty-six (26) or 48% choose to ignore the request for information. Of the 28 responding, 7% (2) responded that they had no Oakland Community College transfers attending the 1985-86 academic year, 4% (1) responded that they could not supply the information requested 4% (1) responded that they would not supply the requested information due to the privacy act, and the remaining 86% (24) sent in information that was of some use.

TABLE A

FOUR-YEAR MICHIGAN UNIVERSITIES OR COLLEGES SURVEYED

<u>NAME</u>	<u>RESULTS</u>
1. Adrian College	4 Transfer students
2. Albion College	1 Transfer student
3. Allen-Touro College	No Response
4. Alma College	3 Transfer students
5. Andrews University	No OCC Transfers attending
6. Aquinas College	No Response
7. Calvin College	1 Transfer student
8. Center for Creative Studies	Could not supply
9. Center Michigan University	No Response
10. Cleary College	No Response
11. Concordia College	No Response
12. Detroit Bible College	No Response
13. Detroit College of Business	42 Transfer students
14. Eastern Michigan University	523 Transfer students
15. Ferris State College	No Response
16. General Motors Institute	12 Transfer Students
17. Grace Bible College	No OCC Transfers attending
18. Grand Rapids Baptist College	No Response
19. Grand Valley State College	20 Transfer students
20. Great Lakes Bible College	No Response
21. Hillsdale College	1 Transfer student
22. Hope College	No Response
23. Jordon College	No Response
24. Kalamazoo College	No OCC Transfers attending
25. Kendall School of Design	3 Transfer students
26. Lake Superior State College	15 Transfer students
27. Lawrence Institute of Tech.	784 Transfer students
28. Madonna College	No Response
29. Marygrove College	No Response
30. Mercy College	198 Transfer students
31. Merrill-Palmer Institute	No Response
32. Michigan-Christian College	No Response
33. Michigan State University	Would not supply
34. Michigan Technological Univ.	15 Transfer students
35. Midrasha College	No Response
36. Nazareth College	No Response
37. Northern Michigan University	No Response
38. Northwood Institute	9 Transfer students
39. Oakland University	1,393 Transfer students
40. Olivet College	No Response
41. Reformed Bible College	No Response
42. Sacred Heart Seminary	1 Transfer student
43. Saginaw Valley College	No Response
44. Saint Mary's College	34 Transfer students
45. Siena Heights College	No Response

TABLE A - Concluded

FOUR-YEAR MICHIGAN UNIVERSITIES OR COLLEGES SURVEYED

<u>NAME</u>	<u>RESULTS</u>
46. Spring Arbor College	11 Transfer students
47. University of Detroit	56 Transfer students
48. University of Michigan Ann Arbor	52 Transfer students
49. University of Michigan Dearborn	No Response
50. University of Mich. - Flint	No Response
51. Walsh College	189 Transfer students
52. Wayne State University	1,472 Transfer students
53. Western Michigan University	116 Transfer students
54. Yeshivath Beth Yuhudah	No Response

QUESTIONS: What are the numbers of students transferring from Oakland Community College to four-year Michigan Universities and College? What four-year schools received the most students? What campuses supplied the greater portion of transfer students?

A review of Table B shows that the responding four-year universities and colleges had a total of 4,955 Oakland Community College students attending their schools during the 1985-86 academic year.

The four-year universities or colleges which responded to the survey with the largest numbers of former Oakland Community College students are Wayne State University (1,472), Oakland University (1,393), Lawrence Institute of Technology (784), Eastern Michigan University (523), Mercy College of Detroit (198), Walsh College (189), and Western Michigan (116). These transfer students represent 29.7%, 28.1%, 15.8%, 10.6%, 4 %, 3.8%, and 2.3%, respectively, of the total Oakland Community College transfer student population in the responding four-year universities and colleges.

Oakland County colleges and universities responding to the survey, (Lawrence Institute of Technology, Oakland University, Saint Mary's College, and Walsh College) had 2,400 former Oakland Community College students attending during the 1985-86 academic school year.

The four-year universities and colleges of Wayne County responding to the survey, (Detroit College of Business, Mercy College of Detroit, Sacred Heart Seminary, University of Detroit, and Wayne State University) had 1,769 former Oakland Community College students attending during the 1985-86 academic year.

The two county totals represent 84% of the total Oakland Community College transfer population reported by the twenty-eight four-year universities and colleges responding to the survey. One could assume from these figures that over three-quarters of the Oakland Community College transfers commute to their four-year university or college while residing in the same area as they did while attending Oakland Community College.

The numbers of students reported as transfers by home campus while at Oakland Community College, in decreasing order are: Orchard Ridge (1,482), Auburn Hills (1,231), Southeast Campus Systems (1,048), and Highland Lakes (547). The Orchard Ridge Campus supplied the greatest number of transfers, that could be identified by OCC home campus, to the responding four-year universities and colleges.

There were 647 four-year college attendees that the four-year schools either failed to supply the requested student numbers, supplied one different than on our records or reported a student that is no longer in our data base.

TABLE B

REPORTED NUMBER OF
OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS

UNIVERSITY/COLLEGE	TOTAL	AUBURN HILLS	HIGHLAND LAKES	ORCHARD RIDGE	SOUTHEAST CAMPUS	UMATHCHED
Adrian	4	0	2	0	1	1
Albion	1	0	0	0	1	-
Alma	3	0	0	1	2	-
Andrews	0	-	-	-	-	-
Calvin	1	0	0	1	0	-
Center for Creative Studies	0	-	-	-	-	-
Detroit College of Business	42	8	1	3	22	8
Eastern Michigan	523	63	70	249	75	66
General Motors Institute	12	6	3	2	1	-
Grace Bible	0	-	-	-	-	-
Grand Valley State	20	7	3	8	1	1
Hillsdale	1	0	0	1	0	-
Kalamazoo	0	-	-	-	-	-
Kendall School of Design	3	0	0	1	0	2
Lake Superior	15	7	3	1	2	2
Lawrence Institute	784	193	76	302	168	45
Mercy College of Detroit	198	23	48	45	60	22
Michigan Technological	15	3	3	8	1	-
Northwood Institute	9	5	1	2	1	-
Oakland University	1,393	532	194	254	209	204
Sacred Heart Seminary	1	1	0	0	0	-
Saint Mary's College	34	2	11	11	4	6
Spring Arbor	11	2	2	0	2	5
University of Detroit	56	10	13	12	12	9
University of Michigan Ann Arbor	52	5	10	28	5	4
Walsh College	189	65	19	50	47	8
Wayne State	1,472	271	76	456	415	254
Western Michigan	116	28	12	47	19	10
TOTALS	4,955	1,231	547	1,482	1,048	647

QUESTION: What are the declared programs of Oakland Community College students at the four-year universities and colleges?

A review of Table C shows that the students' declared programs at the responding four-year university or college cover some 220 different programs. The largest declared program, number wise, reported by all responding four-year universities and colleges is General with 375 students. The second most reported program is Business with 314 students, followed by Pre-Management with 252 students. Fourth through tenth most reported programs are Nursing (219), Electrical Engineering (205), Psychology (175), Mechanical Engineering (173), Accounting (150), Pre-Business (121), and Communications (97).

Table D reflects the highest declared majors reported at each responding four-year university and college. Wayne State has the largest number of former students in 88 programs, where the areas of highest enrollments are in General Studies and Pre-Business. Oakland University is second with former OCC students in 59 programs with highest enrollments in Pre-Management and Psychology. Third in number of former students is Lawrence Institute, with Business and Electrical Engineering their most popular programs out of 18 reported. Eastern Michigan has 78 programs with former students enrolled with the leading ones being Business and Marketing. Mercy College of Detroit has former students in 24 programs with Nursing and Business leading in popularity. Walsh College has 7 programs reported with Accounting and Finance leading the way. Western Michigan's most reported programs are Pre-Business and Marketing out of 40 different ones.

TABLE C

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Accounting	150	3.0
Accounting Information Systems	2	0.0
Advertising	1	0.0
Alcohol Drug Abuse	10	0.2
Allied Health	10	0.2
Anthropology	2	0.0
Architecture	50	1.0
Art	56	1.1
Art & Design	1	0.0
Art Education	7	0.1
Art History	13	0.3
Arts & Sciences	2	0.0
Arts Management	1	0.0
Auto Replacement Management	2	0.0
Aviation Technology	3	0.1
Biochemistry	7	0.1
Biology	60	1.2
Biomedical Science	3	0.1
Business	314	6.3
Business Computing	4	0.1
Business Education	3	0.1
Business Machine Repair	3	0.1
Capstone Program	3	0.1
Chemical Engineering	5	0.1
Chemistry	21	0.4
Child Development	1	0.0
Civil Engineering	4	0.1
Communications	97	2.0
Community Education	5	0.1
Computer Aided Design	8	0.2
Computer Engineering	17	0.3
Computer Engineering Technology	1	0.0
Computer Information Systems	61	1.2
Computer Science	53	1.1
Construction Engineering	17	0.3
Construction Supervision	3	0.1
Construction Technology	6	0.1
Criminal Justice	64	1.3
Data Processing	19	0.4
Dental Hygiene	2	0.0
Design Merchandising	8	0.2
Dietetics	9	0.2

TABLE C - Continued

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Dramatic Arts	2	0.0
Early Elementary Education	9	0.2
Earth Science	1	0.0
Economics	13	0.3
Economics & Management	1	0.0
Education	10	0.2
Electrical Computer Engineering	12	0.2
Electrical Engineering	205	4.1
Electrical Engineering Technology	60	1.2
Elementary Education	26	0.5
Emotionally Impaired	10	0.2
Energy Management	1	0.0
Engineering	9	0.2
Engineering Graphics	1	0.0
Engineering Physics	1	0.0
Engineering Science	1	0.0
English	40	0.8
English Language & Literature	6	0.1
Environment	6	0.1
Family Life Education	1	0.0
Family Resources & Conservation	6	0.1
Fashion Merchandising	14	0.3
Finance	61	1.2
Fine Arts	1	0.0
Fisheries & Wildlife	1	0.0
Food Distribution	2	0.0
General Aviation	1	0.0
General Studies	375	7.6
Geography	3	0.1
Geological Engineering	1	0.0
Geology	10	0.2
Geophysics	2	0.0
German	2	0.0
Guest	18	0.4
Health	1	0.0
Health Administration	11	0.2
Health Care Administration	11	0.2
Hearing Impaired	2	0.0
History	28	0.6
Hospitality/Tourism	3	0.1
Hotel Restaurant Management	1	0.0
Humanities	9	0.2

TABLE C - Continued

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Human Resource Development Early Childhood	5	0.1
Human Resource Development Family Resources & Conservation	33	0.7
Human Resource Development Training	24	0.5
Human Resource Development Youth Adult	28	0.6
Human Resources	9	0.2
Human Services	6	0.1
Independent Major	1	0.0
Industrial Administration	3	0.1
Industrial Distribution	1	0.0
Industrial Education	1	0.0
Industrial Engineering	2	0.0
Industrial Engineering Technology	7	0.1
Industrial Health & Safety	6	0.1
Industrial Management	18	0.4
Industrial Marketing	1	0.0
Industrial Technology	3	0.1
Industrial Technology - Management	1	0.0
Interior Architectural	12	0.2
Interior Design	4	0.1
International Study	1	0.0
Journalism	17	0.3
Kinesiology	1	0.0
Labor Studies	3	0.1
Language & International Study	4	0.1
Legal Administration	1	0.0
Legal Assistant	8	0.2
Legal Secretary	1	0.0
Liberal Arts	38	0.8
Linguistics	3	0.1
Management	83	1.7
Management & Accounting	5	0.1
Management Human Resources	11	0.2
Management Information	16	0.3

TABLE C - Continued

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Management /Marketing	2	0.0
Manufacturing Administration	1	0.0
Manufacturing Industry		
Engineering Technology	6	0.1
Manpower Development	1	0.0
Marketing	70	1.4
Mathematics	6	0.1
Mechanical Engineering	173	3.5
Mechanical Engineering		
Technology	31	0.6
Medical Dietetics	1	0.0
Medical Laboratory Science	3	0.1
Medical Physics	1	0.0
Medical Records	5	0.1
Medical Technology	9	0.2
Mentally Impaired	5	0.1
Metallurgical	1	0.0
Mortuary Science	12	0.2
Music	16	0.3
Music Education	1	0.0
Non-Degree	19	0.4
Not Given	278	5.6
Nursing	219	4.4
Nutrition Food Science	4	0.1
Occupational Therapy	14	0.3
Office Administration	3	0.1
Office Education	2	0.0
Pharmacy	32	0.6
Philosophy	9	0.2
Photography	2	0.0
Physical Education	20	0.4
Physical Science	1	0.0
Physical Therapy	1	0.0
Physically Impaired	1	0.0
Physician Assistant	7	0.1
Physics	4	0.1
Physics/Computer	3	0.1
Plastic Technology	1	0.0
Political Science	44	0.9
Pre-Accounting	19	0.4
Pre-Architecture	1	0.0
Pre-Business	121	2.4
Pre-Business Education	1	0.0

TABLE C - Continued

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Pre-Business/Mortuary Science	1	0.0
Pre-Counseling	1	0.0
Pre-Dentistry	7	0.1
Pre-Education	7	0.1
Pre-Elementary Education	71	1.4
Pre-Engineering	15	0.3
Pre-English Secondary Education	3	0.1
Pre-Finance	22	0.4
Pre-Foreign Language Education	1	0.0
Pre-Human Resources Development	82	1.7
Pre-Journalism	8	0.2
Pre-Law	23	0.5
Pre-Library Science	1	0.0
Pre-Management	252	5.1
Pre-Marketing	33	0.7
Pre-Mathematics Education	1	0.0
Pre-Medical Laboratory	4	0.1
Pre-Medical Technology	14	0.3
Pre-Medicine	38	0.8
Pre-Mortuary Science	1	0.0
Pre-Nursing	79	1.6
Pre-Occupational Therapy	23	0.5
Pre-Pharmacy	24	0.5
Pre-Physical Therapy	41	0.8
Pre-Science Education	2	0.0
Pre-Social Science Education	3	0.1
Pre-Social Work	23	0.5
Pre-Special Education	8	0.2
Pre-Speech Education	1	0.0
Pre-Speech Pathology	1	0.0
Product Systems Analysis	2	0.0
Psychology	175	3.5
Public Administration	10	0.2
Public Law & Government	2	0.0
Radio-Tv-Film	65	1.3
Recreation	3	0.1
Recreation Park Service	9	0.2

TABLE C - Concluded

MAJOR OF OAKLAND COMMUNITY COLLEGE TRANSFER STUDENTS AT
FOUR-YEAR UNIVERSITIES AND COLLEGES

MAJOR	NUMBER	PERCENTAGE
Religious Education	2	0.0
Respiratory Care	4	0.1
Robotics	1	0.0
Science	1	0.0
Social Science	5	0.1
Social Studies	11	0.2
Social Work	61	1.2
Sociology	21	0.4
Spanish	3	0.1
Special	48	1.0
Special Education	6	0.1
Special Education Psychology	2	0.0
Speech	8	0.2
Speech Communication/ Theatre	13	0.3
Speech & Drama	2	0.0
Speech/Language Impaired	3	0.1
Sports Medicine	1	0.0
Systems Engineering	3	0.1
Theatre	2	0.0
Therapeutic Recreation	1	0.0
Unassigned	1	0.0
Undeclared	103	2.1
Visually Impaired	1	0.0
Word Processing Administration	1	0.0
Written Communications	2	0.0

TABLE D

UNIVERSITY/COLLEGE	#STUDENTS #REPORTED	#MAJORS #REPORTED	MOST FREQUENT DECLARED MAJORS (MAXIMUM OF FIRST TWO)
Adrian	4	2	Not Given-3, Accounting-1
Albion	1	1	Economics & Management
Alma	3	1	Not Given - 1
Calvin	1	1	Not Given - 1
Detroit College of Business	42	13	Management-16, Accounting-8
Eastern Michigan General Motors Institute	523	78	Business-40, Marketing-40
Grand Valley State	12	4	Electrical Engineering-5, Industrial Administration-3
Hillsdale	20	12	Pre-Business-4, Hospital/ Tourism-3
Kendall School of Design	1	1	Undeclared - 1
Lake Superior	3	2	Environment-2, Fine Arts-1
Lawrence Institute	15	9	Criminal Justice-5, Nursing-2
Mercy College of Detroit	784	18	Business-205, Electrical Engineering-176
Michigan Technological	198	24	Nursing-54, Business-23
Northwood Institute	15	9	Mechanical Engineering-4, Geology-3
Oakland University	9	6	Business-3, Auto Replacement Management-2
Saint Mary's College	1,393	59	Pre-Management-208, Psychology-111
Spring Arbor	34	9	Business-17, Human Services-6
Sacred Heart Seminary	11	1	Management Human Resources-11
University of Detroit	1	1	Philosophy -1
University of Michigan Ann Arbor	56	23	Nursing-15, Communication-5
Walsh College	52	16	Nursing-5, English-3
Wayne State	189	7	Accounting-91, Finance-32
Western Michigan	1,472	88	General Studies-292, Pre-Business-106
	116	40	Pre-Business-11, Marketing-8

QUESTION: What are the declared programs of Oakland Community College students prior to transferring to a four-year university or college?

Of the transfer students from Oakland Community College to four-year universities and colleges reported in the survey, the largest program, number wise, is Liberal Arts (Non-Science) with 747 (Table E). The second most frequent program is the Non-degree student with 670. Completing the top five are Business (648), Undecided (449), and Nursing Applicant (167). In all, one-hundred and eighteen (118) Oakland Community College programs are represented at the reporting four-year universities and colleges.

The category Guest Appears for two reasons:

- (1) The student is originally admitted to a four-year university or college and subsequently takes a course or two at Oakland Community College, as a guest student.
- (2) The student is originally at Oakland Community College, transfers to a four-year university or college and subsequently returns to Oakland Community College for selected course work as a guest student.

The Guest status provides the student a guarantee that the transfer institution will accept the credits taken at Oakland Community College as a guest for transfer credit.

A review of Table F, shows that of twenty-four (24) four-year universities and colleges reporting former Oakland Community College students, Liberal Arts was one of the leading Oakland Community College feeder programs for eight (8) of the universities or colleges. Oakland Community College's designation of non-degree student was second with seven colleges and Business Administration was third with five colleges.

When reviewing the reporting four-year universities and colleges with over five hundred former Oakland Community College students, one finds Oakland Community College providing students as follows: Wayne State University - Non-degree student - 258 and Liberal Arts - 232; Oakland University - Liberal Arts - 285 and Business Administration - 196; Lawrence Institute of Technology - Non-degree student - 124 and Business Administration - 89; and Eastern Michigan University - Liberal Arts - 83 and Business Administration - 72.

TABLE E

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
BEFORE TRANSFERRING TO A FOUR-YEAR UNIVERSITY OR COLLEGE

PROGRAM	TOTAL	AUBURN HILLS	HIGHLAND LAKES	ORCHARD RIDGE	SOUTHEAST CAMPUS
Liberal Arts - Non Science	747	210	78	299	160
Non-Degree Student	670	177	44	258	191
Business Administration	648	178	67	226	177
Undecided	449	120	44	166	119
Nursing Applicant	167	16	97	25	29
Science	121	26	18	49	28
Accounting	113	31	17	32	33
Guest	112	24	14	49	25
Pre-Engineering	108	28	12	39	29
Data Processing-Business Programming	91	19	3	49	20
Mental Health/Social Worker	68	39	5	12	12
General Studies	67	20	12	17	18
Liberal Arts - Science	59	17	10	20	12
High School Guest	56	12	7	10	27
Business Management	50	13	1	22	14
Communication Arts	44	13	2	21	8
Data Processing-Computer Science	43	7	2	22	12
Nursing	39	0	38	1	0
Electronics	35	23	3	3	6
Mental Health/Social Applicant	32	18	3	7	4
Law Enforcement	28	19	0	3	6
Electronic Computer Microprocessor	18	13	1	1	3
Dental Hygiene Applicant	17	3	8	4	2
Automotive Technology - Engineering	16	9	1	6	0
Data Processing-Systems Analysis	16	2	0	11	3
Fine Arts	16	2	1	6	7
Robotics-Electro- Mechanical	16	16	0	0	0
Architectural Engineering	15	5	0	8	2
Medical Laboratory Technology	15	1	13	1	0
Criminal Justice	14	8	0	2	4
Emergency Medical	14	10	0	3	1

TABLE E Continued

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
BEFORE TRANSFERRING TO A FOUR-YEAR UNIVERSITY OR COLLEGE

PROGRAM	TOTAL	AUBURN HILLS	HIGHLAND LAKES	ORCHARD RIDGE	SOUTHEAST CAMPUS
Graphic Arts-Advertising					
Design	14	3	0	9	2
Respiratory Therapy					
Applicant	14	4	0	5	5
Legal Secretary	13	3	2	2	6
Executive Secretary	12	4	1	5	2
Medical Laboratory					
Technology Applicant	11	2	5	1	3
Audiovisual-Photography	10	1	1	7	1
Climate Control Systems	10	10	0	0	0
Diagnostic Medical					
Sonography Applicant	10	1	0	4	5
Electrical Trades -					
Industrial Electronics	10	7	0	3	0
Industrial Technology	10	9	0	1	0
Liberal Arts - Education	10	3	1	3	3
Retail Fashion Buying	10	1	2	6	1
Robotics - Hydro-					
Mechanical	10	10	0	0	0
Conference and Court					
Reporting	9	0	1	3	5
Drafting	9	7	0	2	0
Health Care Administration	9	0	1	0	8
Mechanical Design	9	7	1	0	1
Medical Assisting	9	0	6	1	2
Retail Management	9	0	3	4	2
Word Processing and					
Text Editing	9	3	1	2	3
Culinary Arts	8	1	0	7	0
Early Childhood Development	8	2	4	2	0
Nuclear Medicine	8	1	2	1	4
Respiratory Therapy	8	0	0	1	7
Early Childhood Development					
Applicant	7	2	0	4	1
Electrical Trades - Electro -					
Mechanics	7	4	0	3	0
Food Service Management	7	0	0	7	0
Alternate Energies	6	5	0	0	1
Computer Aided Design	6	4	0	1	1
Hospital Pharmacy					
Applicant	6	2	0	0	4

TABLE E - Continued

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
BEFORE TRANSFERRING TO A FOUR-YEAR UNIVERSITY OR COLLEGE

PROGRAM	TOTAL	AUBURN HILLS	HIGHLAND LAKES	ORCHARD RIDGE	SOUTHEAST CAMPUS
Hotel - Motel Management	6	3	0	3	0
Audio Visual	5	1	0	3	1
Aviation Flight	5	1	4	0	0
Graphic Arts - Illustration	5	0	0	3	2
Landscape	5	3	1	0	1
Nursing Applicant from Practical Nursing	5	1	3	0	1
Practical Nurse Education	5	0	0	0	5
Pre-Apprentice	5	4	0	1	0
Gerontology	4	0	0	1	3
Hospital Pharmacy	4	0	0	1	3
Library Technical Assistance	4	1	1	2	0
Mechanical Production	4	3	0	1	0
Medical Secretary	4	2	1	1	0
Apprentice - Machine Repair	3	3	0	0	0
Cosmetology	3	0	1	0	2
Dietetic Management	3	1	0	2	0
Exercise Science	3	1	2	0	0
Medical Records 1	3	2	0	0	1
Police Science - Criminalistics	3	2	0	0	1
Apprentice Pipefitter	2	2	0	0	0
Automobile Servicing	2	2	0	0	0
Banking	2	1	0	0	1
Dental Hygiene	2	0	1	0	1
Diagnostic Medical Sonography	2	0	0	0	2
Industrial Product Design/ Modeling	2	2	0	0	0
Industrial Supervision and Management	2	0	0	0	2
Machine Tool	2	1	0	1	0
Office Administration	2	0	0	1	1
Telecommunications	2	2	0	0	0
Apprentice Die Maker	1	1	0	0	0
Apprentice Draftsman Design	1	1	0	0	0

TABLE E - Concluded

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
BEFORE TRANSFERRING TO A FOUR-YEAR UNIVERSITY OR COLLEGE

PROGRAM	TOTAL	AUBURN HILLS	HIGHLAND LAKES	ORCHARD RIDGE	SOUTHEAST CAMPUS
Apprentice Experimental					
Auto	1	1	0	0	0
Apprentice Millwright	1	1	0	0	0
Apprentice Pattern Maker - Metal	1	1	0	0	0
Apprentice Stationary Engineering	1	0	0	1	0
Apprentice Tool Machinist	1	0	0	1	0
Apprentice Tool Maker	1	1	0	0	0
Apprentice Welder	1	1	0	0	0
Automobile Technology - Retailing	1	0	0	1	0
Commercial Art	1	0	0	1	0
Communication Arts - Television Field Production	1	1	0	0	0
Correctional Administration and Security Operations	1	0	0	1	0
Diesel Truck and Heavy Equipment	1	1	0	0	0
Employee - In - Training - Industrial Plant Electrician	1	1	0	0	0
Employee - In - Training - Inspector	1	1	0	0	0
Employee - In - Training - Jig and Fixture	1	1	0	0	0
Fire Science	1	1	0	0	0
Fluid Power	1	1	0	0	0
Industrial Security	1	1	0	0	0
Machine Tool - Numerical Control	1	0	0	0	1
Medical Records Transcriptionist	1	1	0	0	0
Police Academy	1	0	1	0	0
Publication Production	1	1	0	0	0
Quality Assurance	1	0	0	0	1
Real Estate Science	1	0	0	1	0
Vehicle Body	1	1	0	0	0

TABLE F

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
PRIOR TO TRANSFERRING TO A FOUR-YEAR UNIVERSITY OF COLLEGE

UNIVERSITY/COLLEGE	# REPORTED	OCC PROGRAMS REPORTED	THREE MOST FREQUENT OAKLAND COMMUNITY COLLEGE PROGRAMS
Adrian College	4	2	High school guest-2, Non-degree student-1
Albion College	1	1	High school guest-1
Alma College	3	3	Accounting-1, Non-degree student-1, Undecided-1
Calvin College	1	1	Non-degree student-1
Detroit College of Business	42	18	Business Administration-6, Liberal Arts-5, Accounting-3, Business Management-3
Eastern Michigan University	523	55	Liberal Arts-83, Business Administration-72, Undecided-64
General Motors Institute	12	6	Guest-4, Non-degree student-4, four tied with one each
Grand Valley State	20	14	Food service management-2, Guest-2, Liberal Arts-2, Photography-2
Hillsdale College	1	1	Liberal Arts-1
Kendall School of Design	3	1	Undecided-1
Lake Superior State	15	8	Liberal Arts-3, Undecided-3, Nursing Applicant-2,
Lawrence Institute of Technology	784	73	Non-degree student-124, Business Administration-89, Undecided-86
Mercy College of Detroit	198	34	Nursing Applicant-37, Non-degree student-20, Liberal Arts-19
Michigan Technological University	15	8	Science-4, Engineering-3, Undecided-3

TABLE F Concluded

DECLARED PROGRAMS OF OAKLAND COMMUNITY COLLEGE STUDENTS
PRIOR TO TRANSFERRING TO A FOUR-YEAR UNIVERSITY OR COLLEGE

UNIVERSITY/COLLEGE	# REPORTED OCC PROGRAMS	THREE MOST FREQUENT OAKLAND COMMUNITY COLLEGE PROGRAMS	
Northwood Institute	9	6	Undecided-3, Business Administration-2, four tied with one each
Oakland University	1,393	74	Liberal Arts-284, Business Administration-196, Non-degree student-160
Sacred Heart Seminary	1	1	Liberal Arts-1
Saint Mary's College	34	16	Business Administration-6, Liberal Arts-4, four tied with two each
Spring Arbor College	11	6	Aviation flight-1, Business Administration-1, Data Processing-Computer Science-1, Industrial Supervision/Management-1, Liberal Arts-1, Mental Health/Social Worker-1
University of Detroit	56	18	Business Administration-8, Non-degree student-8, Liberal Arts-7
University of Michigan Ann Arbor	52	14	Liberal Arts-18, Non-degree student-7, Engineering-4
Walsh College	189	18	Business Administration-102, Accounting-33, Non-degree student-9
Wayne State University	1,472	82	Non-degree student-258, Liberal Arts-232, Business Administration-131
Western Michigan University	116	29	Non-degree student-17, Business Administration-16, Undecided-16

QUESTION: Do Oakland Community College students pursue the same goals at the four-year level as they do at Oakland Community College?

Trying to compare the one-hundred and eighteen (118) Oakland Community College Programs for students reported by the four-year universities and colleges with their two-hundred twenty (220) reported programs would leave the impression that much changing of program goals occurs upon transfer. For example, Liberal Arts Non-Science at Oakland Community College had 747 out of 4,308 students for 17% but reporting four-year universities and colleges only reported 38 of 4,955 in Liberal Arts for 1%. Upon examining Table C, however, it appears that the reporting four-year universities and colleges title "liberal arts" programs in a variety of different ways (i.e., Antropology/Sociology, History, Pre-Social Science, etc.), therefore some other means than just declared Oakland Community College program versus four-year declared program must be used to answer the question. To this end, the one-hundred and eighteen (118) Oakland Community College programs and the two-hundred and twenty (220) reported four-year programs were grouped into seven (7) areas of study: Vocational-Technical, Business, Liberal Arts, Science & Engineering, Health, General Studies, and No-Preference. (Table G).

OR
Before

Using this approach one finds that there still is quite a shifting of goals transpiring between Oakland Community College and the four-year Universities or colleges.

The General Studies area has the largest increase going from 1.6% at Oakland Community College to 7.6% at the four-year level for a gain of 6.0%, followed by the Science and Engineering area with a 5.1% gain, with the biggest loser being Oakland Community Colleges No-Preference area going 29.9% to only 9.5% at the four-year level. (NOTE: Four-year level percent is inflated due to the colleges that did not report on any programs.)

TABLE G
OAKLAND COMMUNITY COLLEGE AREA OF STUDY VERSUS
FOUR-YEAR AREA OF STUDY

AREA OF STUDY	OAKLAND COMMUNITY	FOUR-YEAR	CHANGE
Business	23.8%	28.6%	+ 4.8%
General	1.6%	7.6%	+ 6.0%
Health	10.6%	12.5%	+ 1.9%
Liberal Arts	17.9%	19.3%	+ 1.4%
Science & Engineering	6.7%	11.8%	+ 5.1%
Vocational-Technical	9.5%	10.7%	+ 1.2%
No Preference	29.9%	9.5%	-20.4%

QUESTION: What are the Grade Point Averages of former Oakland Community College students at the four-year level and how do they compare with the grade point averages while at Oakland Community College?

Reviewing the summary grade point averages in Table H shows that four four-year responding colleges did not supply the grade point averages of former Oakland Community College students at their institution; therefore, we could not do a GPA comparison of the grade point averages for these institutions. The composite four-year university or college grade point average of the responding institutions was 2.79, while the composite Oakland Community College grade point average for the same students was 3.09. This is a difference of -0.30. This difference seems very acceptable because it is under an equivalent one-half grade lower at the four-year level than the Oakland Community College level, while a drop of one-half grade (-0.50) between two-year and four-year schools is the accepted expectation.

Three four-year colleges, Sacred Heart Seminary, Saint Mary's College and Spring Arbor College, reflect an increase (0.54, 0.06, and 0.05 respectively) of four-year composite grade point averages over Oakland Community College's grade point averages. One College (Mercy College of Detroit) had no change in composite grade point average reported. Six of the four-year universities and colleges had lower composite grade point averages reported for students than Oakland Community College. The range was -0.91 for the greatest difference (University of Michigan - Ann Arbor) to -0.11 (Lake Superior State) for the smallest.

No four-year university or college in the responding institutions matched the responding four-year universities and colleges composite difference from Oakland Community College's grade point average. Twelve four-year universities and colleges have a difference greater and nine have a difference less than the composite grade point average difference.

No responding four-year colleges have an average grade point average of less than 2.00 for reported Oakland Community College transfer students.

The four-year universities and colleges reporting over three-hundred transfer students' grade point average from Oakland Community College have the following average grade point average decreases: Wayne State (largest number reported) has the average point average drop from 3.07 at Oakland Community College to 2.71 at Wayne State for a 0.36 decrease; Oakland University has the average grade point average drop from Oakland Community College's 3.21 to Oakland University's 2.88 for a decrease of 0.33 and Eastern Michigan's average grade point average drops 0.21 from Oakland Community College's 2.96 to Eastern Michigan's 2.75.

TABLE H
 GRADE POINT AVERAGE COMPARISON OF REPORTED
 FOUR-YEAR UNIVERSITY/COLLEGE VERSUS OAKLAND COMMUNITY COLLEGE

UNIVERSITY/COLLEGE	FOUR-YEAR AVERAGE	OCC AVERAGE	DIFFERENCE
Adrian College	2.07	2.69	-0.62
Albion College	2.51	2.63	-0.12
Alma College	2.27	2.85	-0.58
Calvin College	*	3.83	*
Detroit College of Business	*	2.57	*
Eastern Michigan	2.75	2.96	-0.21
General Motors Institute	*	3.64	*
Grand Valley State	2.23	3.03	-0.80
Hillsdale College	2.33	2.78	-0.45
Kendall School of Design	2.35	3.25	-0.90
Lake Superior State	2.73	2.84	-0.11
Lawerence Institute of Technology	*	2.98	*
Mercy College of Detroit	3.21	3.21	0
Michigan Technological	2.72	3.31	-0.59
Northwood Institute	2.20	2.42	-0.22
Oakland University	2.88	3.21	-0.33
Sacred Heart Seminary	2.63	2.09	+0.54
Saint Mary's College	3.26	3.20	+0.06
Spring Arbor College	3.65	3.60	+0.05
University of Detroit	2.87	2.99	-0.12
University of Michigan Ann Arbor	2.56	3.47	-0.91
Walsh College	2.72	3.27	-0.55
Wayne State	2.71	3.07	-0.36
Western Michigan	2.27	2.74	-0.47
TOTALS	2.79	3.09	-0.30

* Not Given by Reporting School

QUESTIONS: What was the high school grade point average for the Oakland Community College transfer students reported in the survey? How did this compare with their grade point average at OCC?

In comparing Oakland Community College grade point averages to available high school grade point averages of students transferring from OCC to a four-year university or college Table I shows that of twenty four-year universities and colleges composite high school grade point averages only two high school grade point average are higher than the Oakland Community College grade point average by a slight margin (0.06 and 0.08). The eighteen composite averages of Oakland Community College grade point averages that surpass the high school grade point average range from +2.20 for former OCC students at Spring Arbor College to +0.16 for former OCC students at Detroit College of Business. The average composite difference for all twenty four-year universities and colleges is 0.56 higher at Oakland Community College. In ten instances the composite average Oakland College grade point average is above the 0.56 difference with the remaining ten composite averages falling below the difference.

For the four-year universities and colleges where over one-hundred student high schools averages are available, the average difference increases of the Oakland Community College grade point averages to the high school grade point averages: Oakland University reported former OCC students have an average 3.21 grade point average at OCC to a 2.59 high school average for an increase of 0.62; Wayne State University reported former OCC students have an average 3.07 grade point average at OCC to 2.40 for high school giving a 0.67 increase; Eastern Michigan reported former OCC students have an average grade point average of 2.96 at OCC to 2.53 for high school giving a 0.43 increase and Lawrence Institute of Technology reported former OCC students have an average grade point average of 2.98 while at OCC to 2.55 while in high school for an increase of 0.43.

TABLE I

HIGH SCHOOL GRADE POINT AVERAGE COMPARISON OF REPORTED
FOUR-YEAR UNIVERSITY/COLLEGE VERSUS OAKLAND COMMUNITY COLLEGE
GRADE POINT AVERAGE

UNIVERSITY/COLLEGE	HIGH SCHOOL AVERAGE	OCC AVERAGE	DIFFERENCE
Adrian College	1.53	2.69	+1.16
Albion College	*	2.63	*
Alma College	2.87	2.85	-0.02
Calvin College	*	3.83	*
Detroit College of Business	2.41	2.57	+0.16
Eastern Michigan	2.53	2.96	+0.43
General Motors Institute	3.72	3.64	-0.08
Grand Valley State	2.64	3.03	+0.39
Hillsdale College	2.06	2.78	+0.72
Kendall School of Design	*	3.25	*
Lake Superior State	2.56	2.84	+0.26
Lawrence Institute of Technology	2.55	2.98	+0.43
Mercy College of Detroit	2.47	3.21	+0.74
Michigan Technological	2.52	3.31	+0.79
Northwood Institute	2.13	2.42	+0.29
Oakland University	2.59	3.21	+0.62
Sacred Heart Seminary	*	2.09	*
Saint Mary's College	2.31	3.20	+0.89
Spring Arbor College	1.40	3.60	+2.20
University of Detroit	2.65	2.99	+0.34
University of Michigan Ann Arbor	2.80	3.47	+0.67
Walsh College	2.75	3.27	+0.55
Wayne State	2.40	3.07	+0.67
Western Michigan	2.47	2.74	+0.27
TOTALS	2.53	3.09	+0.56

* No High School GPA on record at O.C.C.

QUESTION: What are the four-year grade point averages compared to the High School grade point averages for reported students?

Comparing the four-year universities and colleges composite averages with the available composite average high school grade point averages in Table J, it is found that as a group the reporting four-year universities and colleges composite average grade point average of 2.79 is 0.26 higher than the composite average in high school of 2.53 for the reported students. Twelve of the four-year universities and colleges reported a higher grade point at their institution in comparison for the high school grade point average while five have a lower grade point average at their institution than the high school average. The range differs from low of minus 0.60 (Alma) to a high of plus 2.25 (Spring Arbor).

Where over one-hundred student high school averages are available for former Oakland Community College students at the four-year level universities and colleges a comparison of the average grade point average at the four-year level versus the high school level shows: Oakland University's average grade point average for former Oakland Community College students of 2.88 shows an increase of 0.29 over the high school average of 2.59; Wayne State University's former Oakland Community College students grade point average of 2.71 is an increase of 0.31 from the high school average of 2.40. Eastern Michigan reported former Oakland Community College students compiled a 2.75 grade point average there versus 2.53 during high school for a gain of 0.22.

TABLE J

HIGH SCHOOL GRADE POINT AVERAGE COMPARISON OF REPORTED
FOUR-YEAR UNIVERSITY/COLLEGE STUDENTS VERSUS
THE FOUR-YEAR UNIVERSITY/COLLEGE GRADE POINT AVERAGE

UNIVERSITY/COLLEGE	HIGH SCHOOL AVERAGE	TRANSFER COLLEGE AVERAGE	DIFFERENCE
Adrian College	1.53	2.07	+0.54
Albion College	*	2.51	*
Alma College	2.87	2.27	-0.60
Calvin College	*	**	**
Detroit College of Business	2.41	**	**
Eastern Michigan	2.53	2.75	+0.22
General Motors Institute	3.72	**	**
Grand Valley State	2.64	2.23	-0.41
Hillsdale College	2.06	2.33	+0.27
Kendall School of Design	*	2.35	*
Lake Superior State	2.56	2.73	+0.17
Lawrence Institute of Technology	2.55	**	**
Mercy College of Detroit	2.47	3.21	+0.74
Michigan Technological	2.52	2.72	+0.20
Northwood Institute	2.13	2.20	+0.07
Oakland University	2.59	2.88	+0.29
Sacred Heart Seminary	*	2.63	*
Saint Mary's College	2.31	3.26	+0.95
Spring Arbor College	1.40	3.65	+2.25
University of Detroit	2.65	2.87	+0.22
University of Michigan Ann Arbor	2.80	2.56	-0.24
Walsh College	2.75	2.72	-0.03
Wayne State	2.40	2.71	+0.31
Western Michigan	2.47	2.27	-0.20
TOTALS	2.53	2.79	+0.26

* No High School GPA on record at O.C.C.

** Not Given by Reporting School

QUESTION: How many students who transferred to four-year universities and colleges have received a degree from the transfer school?

Reviewing Table K points out that 161 former Oakland Community College students have been reported as earning a degree from the transfer school. Of the 161 reported degrees, 156 were at the four-year level and 5 at the associate or two-year level. The two transfer schools with the largest earned degrees reported for former OCC students are: Oakland University-127; and Mercy College-29.

The total number of former Oakland Community College students with degrees reported from the four-year universities and colleges is 161 out of a reported sample of 4,955 transfer students during the year for an overall percent of 3.2.

QUESTIONS: How many students who transferred to four-year universities and colleges have a degree or certificate from Oakland Community College? What type of award did they receive from Oakland Community College? What curriculum requirements did they complete?

Again reviewing Table K, it can be seen that 88 former Oakland Community College students have earned a degree or certificate from OCC. The three transfer schools with the largest number of transfer students who have received degrees from Oakland Community College are: Oakland University-20; Walsh-20; and Lawrence Institute of Technology-18.

The total number of former Oakland Community College students with awards from Oakland Community College is 88 out of a total reported matching sample of 4,955 transfers for an overall percent of 1.7.

As to the type of award received from Oakland Community College, Table L shows that 36 (41%) of the 88 former OCC students with awards have a degree designed primarily for transfer, 32 (36%) have a degree designed primarily for employment.

A breakdown of Oakland Community College award curricula can be found in Table M. Reviewing it shows the largest number of awards (degrees) concentrated in the Business Administration transfer curriculum with 23% of the total; followed by the Liberal Arts transfer curriculum and Practical Nursing Certificate with 9% each. The largest represented Applied Associate in Science type curriculum is the Certificate program of Practical Nursing with 9%.

TABLE K

DEGREES

UNIVERSITY/COLLEGE	NUMBER TRANSFER	NUMBER REPORTED WITH 4 YEAR SCHOOL DEGREES	PERCENT WITH TRANSFER COLLEGE DEGREE	NUMBER WITH O.C.C. DEGREE/ CERT.	PERCENT WITH O.C.C. DEGREE/ CERT/
Adrian College	4	1	25	0	-
Albion College	1	0	-	0	-
Alma College	3	0	-	0	-
Calvin College	1	0	-	0	-
Detroit College of Business	42	0	-	0	-
Eastern Michigan	523	0	-	9*	2
General Motors Institute	12	1	8	0	-
Grand Valley State	20	0	-	1	5
Hillsdale College	1	0	-	0	-
Kendall School of Design	3	0	-	0	-
Lake Superior State	15	0	-	0	-
Lawrence Institute	784	0	-	18**	2
Mercy College of Detroit	198	29***	15	7**	4
Michigan Technological	15	0	-	0	-
Northwood Institute	9	0	-	0	-
Oakland University	1,393	127	9	20**	1
Sacred Heart Seminary	1	0	-	0	-
Saint Mary's College	34	3	9	0	-
Spring Arbor College	11	0	-	0	-
University of Detroit	56	0	-	0	-
University of Michigan Ann Arbor	52	0	-	1	2
Walsh College	189	0	-	20*****	11
Wayne State	1,472	0	-	12****	1
Western Michigan	116	0	-	0	-
TOTALS	4,955	161	3	88	2

* 2 at Certificate Level

** 4 at Certificate Level

*** 5 at A.A.S. or A.S. Level

**** 5 at Certificate Level

***** 1 at Certificate Level

TABLE L

OAKLAND COMMUNITY COLLEGE AWARD TYPE

UNIVERSITY/COLLEGE	NUMBER OF OCC AWARDS	TRANSFER DEGREE	APPLIED ARTS/ SCIENCE DEGREE	CERT.
Eastern Michigan	9	4	3	2
Grand Valley State	1	0	1	0
Lawrence Institute of Technology	18	7	7	4
Mercy College of Detroit	7	1	2	4
Oakland University	20	9	7	4
University of Michigan -Ann Arbor	1	1	0	0
Walsh College	20	12	7	1
Wayne State	12	2	5	5
TOTALS	88	36	32	20

TABLE M

OAKLAND COMMUNITY COLLEGE CURRICULUM OF AWARD

CURRICULUM	NUMBER	PERCENT
Accounting	6	6.8
Associate In Science	5	5.7
Audio-Visual-Photography	1	1.1
Automotive Technology-Engineering	1	1.1
Business Administration	20	22.7
Criminal Justice	1	1.1
Culinary Arts	1	1.1
Data Processing-Business Programming	2	2.3
Data Processing-Systems Analysis	2	2.3
Dental Assisting	1	1.1
Drafting	2	2.3
Electronic Computer Microprocessor	3	3.4
Electronics	3	3.4
Electrical Trades-Industrial Electronics	1	1.1
Executive Secretary	2	2.3
General Studies	3	3.4
Gerontology	1	1.1
Graphic Arts-Advertising Design	1	1.1
Graphic Arts-Illustration	1	1.1
Health Care Administration	2	2.3
Industrial Technology	2	2.3
Liberal Arts - Non-Science	8	9.1
Mechanical Design	2	2.3
Mental Health/Social Worker	4	4.5
Office Administration	1	1.1
Practical Nursing	8	9.0
Respiratory Therapy	1	1.1
Robotics - Electro - Mechanical	2	2.3
Word Processing and Text Editing	1	1.1
TOTALS	88	100

QUESTION: What was the average number of credits earned by transfer students while at Oakland Community College and the average number of credits earned at the four-year university or college for these students?

Reviewing Table N, one finds that the average credits earned while at Oakland Community College is 44.0 credits for the reported sample with the smallest average of 9 credits earned prior to transfer to Calvin College and General Motors Institute, and the largest of 65.9 credits earned prior to transfer to Walsh College.

The reported four-year average of 42.8 credits earned by former Oakland Community College students is just that, the average of credits reported and should not be compared to OCC's semester hours, because four-year schools compute credits on many different systems, i.e., term, quarter, 4-1-4 plan, semester, trimester, unit, etc. Using strictly the credits as reported by four-year universities and colleges, the highest average credits earned is 88 reported by Sacred Heart Seminary and the smallest average is found in the sample from General Motors Institute with 6.4 credits earned.

TABLE N

AVERAGE CREDITS COMPARISON OF REPORTED FOUR-YEAR UNIVERSITY/COLLEGE
VERSUS
OAKLAND COMMUNITY COLLEGE

UNIVERSITY/COLLEGE	4-YEAR AVERAGE CREDITS	O.C.C. AVERAGE CREDITS
Adrian College	69.0	12.6
Albion College	32.0	12.0
Alma College	27.0	27.3
Calvin College	*	9.0
Detroit College of Business	15.6	23.9
Eastern Michigan	70.6	40.9
General Motors Institute	6.4	9.0
Grand Valley State	52.6	44.8
Hillsdale College	30.0	63.0
Kendall School of Design	30.7	12.0
Lake Superior State	62.1	43.2
Lawrence Institute of Technology	*	42.4
Mercy College of Detroit	35.1	41.7
Michigan Technological	*	48.2
Northwood Institute	37.3	19.7
Oakland University	40.2	47.3
Sacred Heart Seminary	88.0	29.0
Saint Mary's College	76.6	55.5
Spring Arbor College	73.5	34.7
University of Detroit	38.7	46.6
University of Michigan Ann Arbor	64.4	46.5
Walsh College	10.4	65.9
Wayne State	37.7	41.6
Western Michigan	53.7	35.1
TOTALS	42.8	44.0

* Not Reported

QUESTION: Is there any difference in grade point averages of transfer students as to when they leave Oakland Community College?

Reviewing Table O after grouping students into 5 groups according to credits earned at Oakland Community College prior to transferring to a four-year university or college one finds that high school grade point averages average only differs a maximum of .09 (2.56 for students earning 16 credits or less at OCC to 2.47 for students earning 32-47 credits at OCC prior to transfer).

Oakland Community College grade point averages differs a maximum of .21 (2.99 for students earning 16 or less credits at OCC to 3.20 for students earning 62 or more credits at OCC prior to transfer). Another interesting point in this table is that in our reported group, the more average credits a student earned at Oakland Community College prior to transferring, the higher the OCC grade point averages average tended to be.

Four-year college grade point averages average differs a maximum of .22 (2.64 for students earning 17-31 credits at OCC to 2.86 for students earning 16 credits or less at OCC prior to transferring).

TABLE O
OAKLAND COMMUNITY COLLEGE
PRIOR TO TRANSFER COMPARISON

CLASSIFICATION PRIOR TO TRANSFER	EARNED CREDITS	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
REPORTED TOTALS FOR SURVEY AVERAGES						
		2.53	3.09	2.79	44.0	42.8
First Half Freshman Year 16 or Less		2.56	2.99	2.86	8.6	46.2
Difference from Averages		+.03	-.10	+.07	-35.4	+3.5
Second Half Freshman Year 17-31		2.52	3.04	2.64	24.3	43.2
Difference from Averages		-.01	-.05	-.15	-19.7	+0.4
First Half Sophomore Year 32-47		2.47	3.06	2.70	39.0	41.7
Difference from Averages		-.06	-.03	-.09	-5.0	-1.1
Second Half Sophomore Year 48-62		2.54	3.10	2.79	55.9	41.9
Difference from Averages		+.01	+.01	0	+11.9	-0.9
Beyond Sophomore Year 62+		2.54	3.20	2.84	77.2	39.5
Difference from Averages		+.01	+.11	+.05	+33.2	-3.3

QUESTION: How did Oakland County High School students compare to non-Oakland County High School students?

In Table P, one finds that the reported average grade point average from Oakland County high school students is .05 higher (2.53 versus 2.48) than the reported average for non-Oakland County high school students.

In comparing grade point averages while at Oakland Community College just the reverse is found, the average point average at Oakland Community College for a non-county high school transfer student was 3.19 to 3.04 for an Oakland County high school transfer student, giving a difference of .15.

Comparing average four-year university and college grade point averages one again finds that the non-Oakland County high school student earned a higher average grade point average at the four-year university or college; 2.86 four-year school average grade point average for non-county high school students to 2.73 average for county high school students.

TABLE P

OAKLAND COUNTY HIGH SCHOOL DATA
VERSUS NON-COUNTY HIGH SCHOOL DATA

HIGH SCHOOL TYPE	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
In-County	2.53	3.04	2.73	45.9	42.4
Out-of-County	2.48	3.19	2.86	40.1	43.4

QUESTIONS: What are the difference in averages of grade point average by curriculum group? By type?

Breaking down the Oakland Community College curricula into the seven categories of Business, General Health, Liberal Arts, Science & Engineering, Vocational Technical and No Preference one finds in Table D that the greatest difference in the average high school grade point averages is .24 (2.64 for Business and Science & Engineering versus 2.40 for No Preference).

While comparing the average grade point averages at Oakland Community College the greatest difference found is .19 (3.23 for Health versus 3.04 for No Preference). The high school difference for the same two groups was .18 (2.58 versus 2.40).

At the four-year universities and colleges the greatest difference (.32) in the averages can be found between the Health group and Science & Engineering group: The Oakland Community College difference in averages for the same two groups is .16 and the High School difference is .06.

The highest four-year university and college group average of 2.92 for Health is lower than the lowest Oakland Community College average of 3.04 for the No Preference group, while the 3.04 lowest average at Oakland Community College is higher than the highest High School group average of 2.64 for Science & Engineering, and Business groups.

The No-Preference type curricula averaged as a group less Oakland Community College credits prior to transferring than any other type.

A breakdown of the reported student's Oakland Community College curricula by Applied Arts and Sciences, Transfer, and No-Preference type is found in Table R. Here one finds that the transfer group has the highest average of High School Grade Point Averages, 2.56, followed by the Applied Arts and Sciences group with 2.55. The lowest average (2.40) was compiled by students taking the No-Preference type curricula.

The Applied Arts and Sciences curricula student average of 3.12 for Oakland Community Grade Point Average was the highest with the transfer group second with 3.10. The No-Preference finish lowest with a 3.04 average.

At the four-year universities and colleges, No-Preference which is lowest at OCC is also the lowest with 2.72. The transfer group is second with 2.76 while the Applied Arts & Sciences group is highest with a 2.81.

TABLE Q
 AVERAGE GRADE POINT AVERAGES
 BY CURRICULUM GROUP COMPARISON

PROGRAM GROUP	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
Business	2.64	3.06	2.72	50.4	37.3
General	2.55	3.21	2.85	43.1	43.8
Health	2.58	3.23	2.92	54.0	38.7
Liberal Arts	2.48	3.13	2.81	48.9	43.7
Science & Engineering	2.64	3.07	2.60	52.0	40.4
Vocational Technical	2.41	3.07	2.75	47.0	36.9
No Preference	2.40	3.04	2.73	29.8	43.8

TABLE R
 AVERAGE GRADE POINT AVERAGES
 BY CURRICULUM TYPE

PROGRAM TYPE	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
Transfer	2.56	3.10	2.76	50.8	41.2
Applied Arts & Sciences	2.55	3.12	2.81	49.2	37.4
No Preference	2.40	3.04	2.72	29.8	43.8

QUESTIONS: What are the differences in averages of credits earned and grade point averages for award versus non-award transfer students? By award type?

As noted in Table S, the transfer student who received an award from Oakland Community College earned on the average 87.1 credits while at OCC while the student who transferred to a four-year university or college prior to earning an award from Oakland Community College earned an average of 43.2 credits; a difference of 43.9 credits per student.

The average for grade point averages of transfer students who received an award from Oakland Community College was higher than the average of transfer students who transferred prior to receiving an award; High School grade point average was lower for students with awards than without. Oakland Community College's GPA was .16 higher and the four-year university or college average was .13 higher for students with awards than those without. High school grade point average for students without an award were .02 higher than for students with an OCC award.

When Transfer type degrees are compared to Applied Sciences and Arts type degree (Table T), the two types differ for OCC's GPA by .04 with the transfer type leading the way. This is true also of the high school GPA (.03) and transfer college grade point averages. (.08).

TABLE S
 AVERAGE GRADE POINT AVERAGES
 BY AWARD AND NON-AWARD STUDENTS

STUDENT TYPE	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
Award	2.51	3.24	2.91	87.1	32.2
No-Award	2.53	3.08	2.78	43.2	43.0

TABLE T
 AVERAGE GRADE POINT AVERAGES
 BY TYPE OF AWARD

DEGREE TYPE	H.S. GPA	OCC GPA	4-yr GPA	OCC AVG CREDITS	4-yr AVG CREDITS
Transfer	2.57	3.28	2.83	87.2	39.0
Applied Arts & Sciences	2.54	3.24	2.75	99.3	28.4
Certificate	2.40	3.15	3.31	68.0	25.4

The foregoing data is presented for informational use only and no conclusions can be offered due to the limited sample which may or may not be biased by the reporting four-year institutions. If any conclusions are reached by the reader from the presented data, they are strictly the reader's and not those of the Office of Institutional Analysis and Research.

The reported data from the four-year universities and colleges is on file in the Office of Institutional Analysis and Research and the Oakland Community College data was extracted from the computerized student files of the Registrar's Office.