

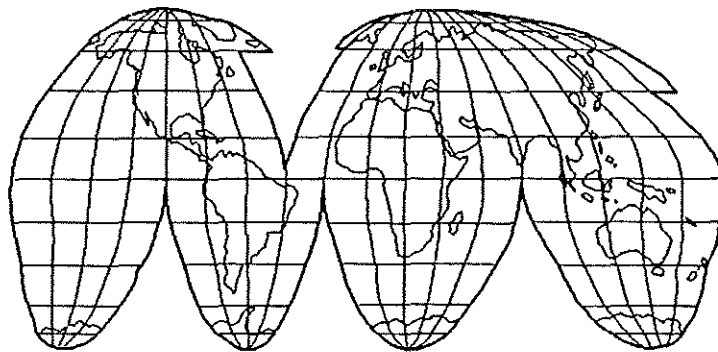
# MACRAO

Michigan Association of Collegiate Registrars  
and Admissions Officers

Transfer Migration Study

Michigan Universities and Colleges

Fall 1989



*STATISTICAL INFORMATION AND RESEARCH COMMITTEE*

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## COMMITTEE

Statistical Information and Research Committee

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***MACRAO***

***MICHIGAN ASSOCIATION OF COLLEGIATE REGISTRARS  
AND ADMISSIONS OFFICERS***

**STATISTICAL INFORMATION AND RESEARCH COMMITTEE**

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Susan Wong	Kendall College of Art and Design

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The MACRAO Transfer Migration study consists of data provided by 83 Michigan Public and Private (2 and 4 year) Educational Institutions in the state of Michigan. The following is a breakdown of institutional participation.

FALL 1985

4 Year Public

100.0% participation - 15 out of 15 Institutions

4 Year Private

94.1% participation - 32 out of 34 Institutions

2 Year Public

65.5% participation - 10 out of 29 Institutions

2 Year Private

40.0% participation - 2 out of 5 Institutions

All Institutions Combined

81.9% participation - 68 out of 83 Institutions

FALL 1986

4 Year Public

100.0% participation - 15 out of 15 Institutions

4 Year Private

82.4% participation - 28 out of 34 Institutions

2 Year Public

55.2% participation - 16 out of 29 Institutions

2 Year Private

40.0% participation - 2 out of 5 Institutions

All Institutions Combined

73.5% participation - 61 out of 83 Institutions

FALL 1987

4 Year Public

100.0% participation - 15 out of 15 Institutions

4 Year Private

82.4% participation - 28 out of 34 Institutions

2 Year Public

48.3% participation - 14 out of 29 Institutions

2 Year Private

20.0% participation - 1 out of 5 Institutions

All Institutions Combined

69.9% participation - 58 out of 83 Institutions

FALL 1988

4 Year Public

100.0% participation - 15 out of 15 Institutions

4 Year Private

85.3% participation - 29 out of 34 Institutions

2 Year Public

58.6% participation - 17 out of 29 Institutions

2 Year Private

40.0% participation - 2 out of 5 Institutions

All Institutions Combined

75.9% participation - 63 out of 83 Institutions



FALL 1989

4 Year Public

100.0% participation - 15 out of 15 Institutions

4 Year Private

82.4% participation - 31 out of 36 Institutions

2 Year Public

75.9% participation - 22 out of 29 Institutions

2 Year Private

66.7% participation - 2 out of 3 Institutions

All Institutions Combined

84.3% participation - 70 out of 83 Institutions

The average number of institutions participating over the last five years is 64 which is equivalent to 77.1%.

## NON-PARTICIPATING INSTITUTIONS

### FALL 1985

- |                       |                       |
|-----------------------|-----------------------|
| 1. Alpena             | 9. Lewis Business     |
| 2. Baker JCB          | 10. Monroe County     |
| 3. GMI                | 11. Mott              |
| 4. Henry Ford         | 12. Muskegon          |
| 5. Jackson            | 13. Muskegon Business |
| 6. Kellogg            | 14. Schoolcraft       |
| 7. Lansing            | 15. West Shore        |
| 8. Lawrence Institute |                       |

### FALL 1986

- |                        |                       |
|------------------------|-----------------------|
| 1. Alpena              | 12. Lewis Business    |
| 2. Aquinas             | 13. Marygrove         |
| 3. Baker JCB           | 14. Monroe County     |
| 4. Glen Oaks           | 15. Mott              |
| 5. Henry Ford          | 16. Muskegon          |
| 6. GMI                 | 17. Muskegon Business |
| 7. Jackson             | 18. Nazareth          |
| 8. Kalamazoo Valley    | 19. Schoolcraft       |
| 9. Kellogg             | 20. St. Mary's        |
| 10. Lansing            | 21. Wayne County      |
| 11. Lawrence Institute | 22. West Shore        |

### FALL 1987

- |                         |                            |
|-------------------------|----------------------------|
| 1. Alpena               | 14. Lewis Business         |
| 2. Baker JCB            | 15. Mott                   |
| 3. Bay de Noc           | 16. Muskegon               |
| 4. Davenport            | 17. Muskegon Business      |
| 5. Grand Rapids Baptist | 18. Nazareth               |
| 6. Henry Ford           | 19. North Central Michigan |
| 7. Highland Park        | 20. Reformed Bible         |
| 8. Hillsdale            | 21. Sacred Heart           |
| 9. Jackson              | 22. Schoolcraft            |
| 10. Kalamazoo Valley    | 23. Southwestern           |
| 11. Kellogg             | 24. St. Mary's             |
| 12. Lansing             | 25. West Shore             |
| 13. Lake Michigan       |                            |

FALL 1988

- |                     |                       |
|---------------------|-----------------------|
| 1. Alpena           | 11. Lansing           |
| 2. Baker JCB        | 12. Monroe County     |
| 3. Cleary           | 13. Mott              |
| 4. Davenport        | 14. Muskegon Business |
| 5. GMI              | 15. Reformed Bible    |
| 6. Henry Ford       | 16. Sacred Heart      |
| 7. Highland Park    | 17. Southwestern      |
| 8. Jackson          | 18. West Shore        |
| 9. Kalamazoo Valley | 19. Wayne County      |
| 10. Kellogg         | 20. William Tyndale   |

FALL 1989

- |                       |                     |
|-----------------------|---------------------|
| 1. Alpena             | 8. Mott             |
| 2. Andrews            | 9. Sacred Heart     |
| 3. GMI                | 10. Schoolcraft     |
| 4. Kalamazoo College  | 11. Wayne CCC       |
| 5. Kalamazoo Valley   | 12. West Shore      |
| 6. Lansing CC         | 13. William Tyndale |
| 7. Lewis Bus. College |                     |

# INSTITUTIONS REFERENCED IN THE MACRAO TRANSFER MIGRATION STUDY

## 4-Year Public

Central Michigan - CMU  
 Eastern Michigan - EMU  
 Ferris State - FSU  
 Grand Valley St. - GVS  
 Lake Superior St. - LSS  
 Michigan State - MSU  
 Michigan Tech - MTU  
 Northern Michigan - NMU  
 Oakland University - OAK  
 Saginaw Valley St. - SVSU  
 U-M Ann Arbor - UM-A  
 U-M Dearborn - UM-D  
 U-M Flint - UM-F  
 Wayne State - WSU  
 Western Michigan - WMU

## 2-Year Public

Alpena - ALPN  
 Bay de Noc - BAY  
 Delta - DELT  
 Glen Oaks - GLEN  
 Gogebic - GOG  
 Grand Rapids - GR R  
 Henry Ford - FORD  
 Highland Park - HIGH  
 Jackson - JACK  
 Kalamazoo Valley - KA V  
 Kellogg - KELL  
 Kirtland - KIRT  
 Lake Michigan - LK M  
 Lansing - LANS  
 MaComb - MCC  
 Mid Michigan - MIDM  
 Monroe County - MNRO  
 Montcalm - MONT  
 Mott - MOT  
 Muskegon - MUS  
 North Central - NCM  
 Northwestern - NWM  
 Oakland - OCC  
 Schoolcraft - SCHL  
 St. Clair - ST C  
 Southwestern - SWM  
 Washtenaw - WASH  
 Wayne County - WCC  
 West Shore - WEST

## 4-Year Private

Adrian - ADRN  
 Albion - ALBN  
 Alma - ALMA  
 Andrews - AND  
 Aquinas - AQN  
 Baker College of Muskegon - BK-M  
 (formerly Baker JCB)  
 Baker College of Owosso - BK-O  
 (formerly Muskegon Business)  
 Calvin - CLVN  
 Ctr. for Creative Studies - CCS  
 Cleary - CLRY  
 Concordia - CONC  
 Detroit Col. of Business - DCB  
 GMI Engg. & Mgt. - GMI  
 Grace Bible College - GRBI  
 Grand Rapids Baptist - GRBA  
 Hillsdale - HILL  
 Hope - HOPE  
 Jordan - JRDN  
 Kalamazoo - KAL  
 Kendall Sch. of Design - KNDL  
 Lawrence Tech. Univ. - LTU  
 Madonna - MDN  
 Marygrove - MYGR  
 Mercy - MRCY  
 Michigan Christian - M CH  
 Nazareth - NAZR  
 Northwood Institute - NWD  
 Olivet - OLV  
 Reformed Bible - REFB  
 Sacred Heart - SACR  
 Siena Heights - SHTS  
 Spring Arbor - SPAR  
 St. Mary's - ST M  
 University of Detroit - U-D  
 Walsh - WAL  
 William Tyndale - WM T

## 2-Year Private

Davenport - DAVN  
 Lewis Business College - LBC  
 Suomi College - SUOM

**MACRAO Transfer Migration Summation  
(Fall 1984 - 1989)**

<b>Fall 1984</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	2,319	8,859	338	2,276	13,792
Public 4 year	3,419	3,656	150	976	8,201
Private 2 year	121	156	21	69	367
Private 4 year	853	1,093	21	403	2,370
<b>TOTAL</b>	<b>6,712</b>	<b>13,764</b>	<b>530</b>	<b>3,724</b>	<b>24,730</b>
<b>Fall 1985</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	2,307	9,387	104	2,700	14,498
Public 4 year	3,379	3,422	83	1,007	7,891
Private 2 year	167	181	3	154	505
Private 4 year	837	1,076	51	206	2,170
<b>TOTAL</b>	<b>6,690</b>	<b>14,066</b>	<b>241</b>	<b>4,067</b>	<b>25,064</b>
<b>Fall 1986</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	1,392	9,236	116	2,760	13,504
Public 4 year	2,507	3,278	85	1,016	6,886
Private 2 year	81	173	7	131	392
Private 4 year	637	1,031	40	458	2,166
<b>TOTAL</b>	<b>4,617</b>	<b>13,718</b>	<b>248</b>	<b>4,365</b>	<b>22,948</b>

**MACRAO Transfer Migration Summation  
(Fall 1984 - 1989)**

<b>Fall 1987</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	2,541	8,757	5	2,644	13,947
Public 4 year	3,920	3,136	13	976	8,045
Private 2 year	225	202	0	70	497
Private 4 year	1,057	929	0	373	2,359
<b>TOTAL</b>	<b>7,743</b>	<b>13,024</b>	<b>18</b>	<b>4,063</b>	<b>24,848</b>

<b>Fall 1988</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	1,993	9,208	14	2,146	13,361
Public 4 year	2,699	3,474	15	851	7,039
Private 2 year	105	158	0	55	318
Private 4 year	854	886	3	309	2,052
<b>TOTAL</b>	<b>5,651</b>	<b>13,726</b>	<b>32</b>	<b>3,361</b>	<b>22,770</b>

<b>Fall 1989</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	2,320	10,167	214	2,577	15,278
Public 4 year	2,812	3,627	101	901	7,441
Private 2 year	71	121	2	55	249
Private 4 year	888	1,142	67	394	2,491
<b>TOTAL</b>	<b>6,091</b>	<b>15,057</b>	<b>384</b>	<b>3,927</b>	<b>25,459</b>

<b>Combined</b>	<b>Receiving Institutions</b>				
<b>Sending</b>	<b>Pub 2 Yr</b>	<b>Pub 4 Yr</b>	<b>Pri 2 Yr</b>	<b>Pri 4 Yr</b>	<b>Totals</b>
Public 2 year	12,872	55,614	791	15,103	84,380
Public 4 year	18,736	20,593	447	5,727	45,503
Private 2 year	770	991	33	534	2,328
Private 4 year	5,126	6,157	182	2,143	13,608
<b>TOTAL</b>	<b>37,504</b>	<b>83,355</b>	<b>1,453</b>	<b>23,507</b>	<b>145,819</b>

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**TABLE I**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**

SENDING INSTITUTIONS	RECEIVING INSTITUTIONS															TOT
	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OAK	SVSU	UM-A	UM-D	UM-F	WSU	WMU	
CENTRAL MICH	0	34	23	30	6	99	21	9	29	20	19	23	29	53	27	422
EASTERN MICH	12	0	4	11	4	52	2	1	12	3	47	17	5	65	15	250
FERRIS STATE	62	43	0	69	15	59	11	11	12	12	2	6	11	31	43	387
GRAND VALLEY ST	15	11	18	0	5	26	2	3	10	3	1	1	8	9	31	143
LAKE SUPERIOR ST	14	4	6	7	0	8	1	35	2	2	1	1	2	6	10	99
MICHIGAN STATE	27	46	18	62	4	0	6	8	44	14	57	47	24	138	43	538
MICHIGAN TECH	3	5	8	7	8	14	0	31	3	5	7	4	0	9	10	114
NORTHERN MICH	9	18	7	6	19	26	19	0	6	1	3	4	3	8	24	153
OAKLAND UNIV	23	28	6	12	4	58	2	5	0	2	25	21	22	98	18	324
SAGINAW VALLEY	28	8	13	6	2	24	5	5	3	0	2	1	11	6	5	119
U-M ANN ARBOR	7	65	4	14	2	24	4	2	4	1	0	62	3	51	13	256
U-M DEARBORN	1	12	0	1	1	13	0	0	2	0	92	0	2	42	2	168
U-M FLINT	3	11	11	2	0	36	9	0	7	4	42	3	0	6	10	144
WAYNE STATE	5	34	2	9	1	30	1	2	28	2	19	46	3	0	8	190
WESTERN MICH	9	27	16	50	1	93	2	11	19	10	15	11	12	44	0	320
<b>TOTALS</b>	<b>218</b>	<b>346</b>	<b>136</b>	<b>286</b>	<b>72</b>	<b>562</b>	<b>85</b>	<b>123</b>	<b>181</b>	<b>79</b>	<b>332</b>	<b>247</b>	<b>135</b>	<b>566</b>	<b>259</b>	<b>3627</b>



**TABLE II**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ALPN</b>	<b>BAY</b>	<b>DELT</b>	<b>GLEN</b>	<b>GOG</b>	<b>GR R</b>	<b>FORD</b>	<b>HIGH</b>	<b>JACK</b>	<b>KA V</b>	<b>KELL</b>	<b>KIRT</b>	<b>LK M</b>	<b>LANS</b>	<b>MCC</b>
CENTRAL MICH	0	8	49	0	1	0	2	0	13	0	8	2	1	0	51
EASTERN MICH	0	0	4	0	0	0	8	0	9	0	4	2	1	0	34
FERRIS STATE	0	2	35	0	3	0	7	0	18	0	14	6	1	0	43
GRAND VALLEY ST	0	0	2	0	0	0	2	0	3	0	5	0	0	0	6
LAKE SUPERIOR ST	0	5	3	0	2	0	0	0	4	0	2	2	0	0	2
MICHIGAN STATE	0	3	22	0	1	0	10	0	14	0	8	0	0	0	44
MICHIGAN TECH	0	6	0	0	2	0	0	0	4	0	3	2	2	0	10
NORTHERN MICH	0	18	9	0	21	0	4	0	5	0	2	0	1	0	12
OAKLAND UNIV	0	0	1	0	0	0	0	1	2	0	0	0	0	0	113
SAGINAW VALLEY	0	0	85	0	0	0	0	0	4	0	0	1	0	0	9
U-M ANN ARBOR	0	0	0	0	1	0	1	0	0	0	4	0	0	0	20
U-M DEARBORN	0	0	7	0	0	0	5	0	0	0	0	0	0	0	8
U-M FLINT	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
WAYNE STATE	0	0	0	0	1	0	11	2	0	0	2	0	0	0	129
WESTERN MICH	0	1	5	1	0	0	6	0	5	0	32	0	4	0	25
<b>TOTALS</b>	<b>0</b>	<b>43</b>	<b>222</b>	<b>1</b>	<b>32</b>	<b>0</b>	<b>57</b>	<b>3</b>	<b>81</b>	<b>0</b>	<b>84</b>	<b>15</b>	<b>10</b>	<b>0</b>	<b>506</b>

TABLE II (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES

**RECEIVING INSTITUTIONS**

SENDING INSTITUTIONS	MIDM	MNRO	MONT	MOT	MUS	NCM	NWM	OCC	SCHL	ST C	SWM	WASH	WCC	WEST	TOT
CENTRAL MICH	19	3	2	0	13	12	30	95	0	10	1	2	0	0	322
EASTERN MICH	1	15	0	0	2	0	7	80	0	5	0	26	0	0	198
FERRIS STATE	9	2	17	0	25	5	31	96	0	5	4	5	0	0	328
GRAND VALLEY ST	0	0	8	0	34	0	9	18	0	0	1	3	0	0	91
LAKE SUPERIOR ST	2	1	2	0	4	6	6	9	0	2	0	2	0	0	54
MICHIGAN STATE	2	5	8	0	20	6	21	175	0	11	3	2	0	0	355
MICHIGAN TECH	1	0	5	0	5	0	2	23	0	0	1	2	0	0	68
NORTHERN MICH	0	1	2	0	2	4	6	56	0	2	2	1	0	0	148
OAKLAND UNIV	2	2	0	0	0	0	2	222	0	6	0	8	0	0	359
SAGINAW VALLEY	2	0	4	0	0	0	0	7	0	5	0	0	0	0	117
U-M ANN ARBOR	0	0	0	0	7	0	8	57	0	0	1	4	0	0	103
U-M DEARBORN	0	0	0	0	0	0	0	35	0	0	0	0	0	0	55
U-M FLINT	0	0	0	0	1	0	1	8	0	4	0	0	0	0	15
WAYNE STATE	0	1	0	0	0	0	4	229	0	1	0	1	0	0	381
WESTERN MICH	1	4	4	0	18	1	8	82	0	6	9	6	0	0	218
<b>TOTALS</b>	<b>39</b>	<b>34</b>	<b>52</b>	<b>0</b>	<b>131</b>	<b>34</b>	<b>135</b>	<b>1192</b>	<b>0</b>	<b>57</b>	<b>22</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>2812</b>

**TABLE III**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

	ADRN	ALBN	ALMA	AND	AQN	BK-M	BK-O	CLVN	CCS	CLRY	CONC	DCB	GMI	GRBI	GRBA
<b>SENDING INSTITUTIONS</b>															
CENTRAL MICH	3	1	1	0	1	1	3	2	5	2	1	5	0	0	0
EASTERN MICH	2	0	0	0	1	0	0	0	4	9	2	6	0	0	0
FERRIS STATE	1	0	0	0	1	8	3	1	0	0	1	10	0	0	2
GRAND VALLEY ST	0	1	0	0	2	2	1	6	0	0	0	1	0	1	1
LAKE SUPERIOR ST	0	0	0	0	2	0	0	1	0	0	1	0	0	0	2
MICHIGAN STATE	4	6	3	0	2	1	0	7	7	1	1	9	0	0	2
MICHIGAN TECH	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0
NORTHERN MICH	1	0	0	0	0	0	1	0	0	0	0	4	0	0	0
OAKLAND UNIV	0	0	0	0	0	0	0	1	1	0	4	5	0	0	1
SAGINAW VALLEY	0	0	2	0	0	0	2	0	0	0	1	0	0	0	0
U-M ANN ARBOR	0	0	0	0	3	0	0	3	1	2	3	4	0	0	0
U-M DEARBORN	0	1	0	0	0	0	0	0	0	0	1	4	0	0	0
U-M FLINT	0	0	0	0	0	0	1	0	0	0	0	5	0	0	0
WAYNE STATE	0	0	0	0	1	0	0	1	6	0	3	22	0	0	0
WESTERN MICH	0	1	1	0	6	0	0	2	4	1	0	2	0	0	0
<b>TOTALS</b>	<b>11</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>19</b>	<b>12</b>	<b>13</b>	<b>25</b>	<b>28</b>	<b>15</b>	<b>18</b>	<b>78</b>	<b>0</b>	<b>1</b>	<b>8</b>

**TABLE III (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	HILL	HOPE	JRDN	KAL	KNDL	LTU	MDNA	MYGR	MRCY	M CH	NAZR	NWD	OLVT	REFB	SACR
CENTRAL MICH	0	1	3	0	0	10	6	1	4	0	0	5	0	0	0
EASTERN MICH	0	0	0	0	1	15	27	4	9	0	0	2	0	0	0
FERRIS STATE	0	2	8	0	5	9	6	2	2	0	0	7	1	0	0
GRAND VALLEY ST	0	3	5	0	1	1	2	0	0	0	0	0	1	0	0
LAKE SUPERIOR ST	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0
MICHIGAN STATE	1	1	2	0	7	28	20	1	13	0	3	6	3	2	0
MICHIGAN TECH	0	1	0	0	0	14	0	0	1	0	0	1	0	0	0
NORTHERN MICH	0	0	0	0	0	2	2	1	2	0	0	2	0	0	0
OAKLAND UNIV	0	0	2	0	0	14	12	2	2	0	0	12	1	0	0
SAGINAW VALLEY	0	1	1	0	0	5	2	0	0	0	0	2	0	0	0
U-M ANN ARBOR	1	0	0	0	0	7	6	0	13	0	0	1	0	0	0
U-M DEARBORN	0	0	0	0	0	22	12	2	3	0	0	0	0	0	0
U-M FLINT	0	0	0	0	1	3	2	0	2	0	0	0	0	0	0
WAYNE STATE	0	0	6	0	0	27	33	19	40	0	0	3	0	0	0
WESTERN MICH	1	0	2	0	1	10	3	0	2	0	15	0	1	0	0
<b>TOTALS</b>	<b>3</b>	<b>9</b>	<b>29</b>	<b>0</b>	<b>17</b>	<b>168</b>	<b>134</b>	<b>32</b>	<b>94</b>	<b>0</b>	<b>18</b>	<b>41</b>	<b>7</b>	<b>2</b>	<b>0</b>

**TABLE III (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

	SHTS	SPAR	ST M	U-D	WAL	WM T	TOT
<b>SENDING INSTITUTIONS</b>							
CENTRAL MICH	2	2	0	3	1	0	63
EASTERN MICH	2	0	2	4	0	0	90
FERRIS STATE	2	0	0	4	1	0	76
GRAND VALLEY ST	1	2	0	0	1	0	32
LAKE SUPERIOR ST	0	0	0	1	0	0	11
MICHIGAN STATE	2	4	0	5	3	0	144
MICHIGAN TECH	0	0	0	0	1	0	23
NORTHERN MICH	1	1	0	1	0	0	18
OAKLAND UNIV	0	0	3	2	10	0	72
SAGINAW VALLEY	0	1	0	1	0	0	17
U-M ANN ARBOR	1	0	0	1	1	0	48
U-M DEARBORN	0	0	1	3	2	0	51
U-M FLINT	0	1	0	0	0	0	15
WAYNE STATE	1	0	1	17	4	0	184
WESTERN MICH	1	0	0	2	2	0	57
<b>TOTALS</b>	<b>13</b>	<b>11</b>	<b>7</b>	<b>44</b>	<b>26</b>	<b>0</b>	<b>901</b>

**TABLE IV**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>DAVN</b>	<b>LBC</b>	<b>SUOM</b>	<b>TOT</b>
CENTRAL MICH	11	0	1	12
EASTERN MICH	3	0	0	3
FERRIS STATE	19	0	1	20
GRAND VALLEY ST	24	0	0	24
LAKE SUPERIOR ST	0	0	0	0
MICHIGAN STATE	9	0	0	9
MICHIGAN TECH	2	0	4	6
NORTHERN MICH	3	0	4	7
OAKLAND UNIV	1	0	0	1
SAGINAW VALLEY	0	0	0	0
U-M ANN ARBOR	2	0	0	2
U-M DEARBORN	0	0	0	0
U-M FLINT	0	0	0	0
WAYNE STATE	1	0	0	1
WESTERN MICH	16	0	0	16
<b>TOTALS</b>	<b>91</b>	<b>0</b>	<b>10</b>	<b>101</b>

**TABLE V**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>CMU</b>	<b>EMU</b>	<b>FSU</b>	<b>GVS</b>	<b>LSS</b>	<b>MSU</b>	<b>MTU</b>	<b>NMU</b>	<b>OAK</b>	<b>SVSC</b>	<b>UM-A</b>	<b>UM-D</b>	<b>UM-F</b>	<b>WSU</b>	<b>WMU</b>	<b>TOT</b>
ALPENA CC	36	6	21	8	37	20	13	12	2	8	4	0	0	3	18	188
BAY DE NOC CC	7	1	19	5	31	8	13	107	0	0	1	0	0	1	13	206
DELTA CC	138	31	64	17	26	76	16	7	9	239	14	1	19	10	63	730
GLEN OAKS CC	7	0	1	5	1	1	0	0	1	0	0	0	0	0	40	56
GOGEBIC CC	4	1	1	0	6	3	10	32	0	1	1	0	0	0	3	62
GRAND RAPIDS	39	13	61	414	7	73	22	6	1	1	28	1	0	3	163	832
HENRY FORD CC	18	156	15	10	9	22	2	2	12	1	13	257	0	217	28	762
HIGHLAND PARK	0	5	1	0	1	0	0	0	3	0	0	7	0	41	1	59
JACKSON CC	9	69	17	10	15	34	4	6	1	3	10	0	0	5	44	227
KALAMAZOO VALL	6	8	14	30	4	14	3	0	3	1	9	1	1	3	227	324
KELLOGG CC	14	6	10	15	6	15	3	1	1	0	9	2	0	4	90	176
KIRTLAND CC	6	1	7	17	5	1	1	1	0	10	0	0	0	2	0	51
LAKE MICH CC	9	2	7	18	0	11	0	0	0	1	2	0	1	0	53	104
LANSING CC	64	31	52	42	14	299	7	14	10	11	16	2	21	10	70	663
MACOMB CC	90	82	39	10	5	71	17	20	209	7	13	44	7	426	74	1114

**TABLE V (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**

	<b>RECEIVING INSTITUTIONS</b>															
<b>SENDING INSTITUTIONS</b>	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OAK	SVSC	UM-A	UM-D	UM-F	WSU	WMU	TOT
MID MICHIGAN	40	2	10	7	1	2	3	1	3	3	0	0	0	1	4	77
MONROE CC	7	72	2	1	3	5	2	0	1	0	6	9	0	8	11	127
MONTCALM CC	22	1	11	12	3	6	1	8	1	1	1	0	0	0	2	69
MOTT CC	36	37	38	4	11	40	3	6	12	16	3	1	300	7	22	536
MUSKEGON CC	17	2	41	166	6	33	14	3	2	1	3	1	0	2	68	359
NORTH CEN. MICH	15	0	8	6	35	7	0	13	0	0	1	0	1	1	9	96
NORTHWESTERN	51	7	52	28	14	38	12	5	2	5	10	0	1	4	28	257
OAKLAND CC	99	219	42	27	11	144	13	12	329	3	31	105	47	349	117	1548
SCHOOLCRAFT CC	17	134	5	4	7	23	2	4	5	0	8	69	1	51	34	364
ST CLAIR CC	31	36	18	7	7	29	6	1	18	10	11	1	12	29	27	243
SOUTHWESTERN	5	5	20	15	1	5	0	2	1	0	2	0	0	0	43	99
WASHTENAW CC	3	306	5	4	5	17	2	9	7	0	58	5	2	16	10	449
WAYNE CCC	4	49	3	0	0	4	0	1	4	0	9	42	0	201	4	321
WEST SHORE CC	7	0	18	17	5	7	2	1	1	0	2	1	1	0	6	68
<b>TOTALS</b>	<b>801</b>	<b>1282</b>	<b>602</b>	<b>899</b>	<b>276</b>	<b>1008</b>	<b>171</b>	<b>274</b>	<b>638</b>	<b>322</b>	<b>265</b>	<b>549</b>	<b>414</b>	<b>1394</b>	<b>1272</b>	<b>10167</b>



**TABLE VI**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

	ALPN	BAY	DELT	GLEN	GOG	GR R	FORD	HIGH	JACK	KA V	KELL	KIRK	LK M	LANS	MCC
<b>SENDING INSTITUTIONS</b>															
ALPENA CC	0	1	6	0	0	0	0	0	0	0	0	4	0	0	2
BAY DE NOC CC	0	0	0	0	1	0	0	0	0	0	1	1	0	0	2
DELTA CC	0	1	0	0	1	0	3	0	5	0	2	7	0	0	7
GLEN OAKS CC	0	0	0	0	0	0	0	0	3	0	8	0	0	0	1
GOGEBIC CC	0	2	0	0	0	0	0	0	3	0	0	1	0	0	1
GRAND RAPIDS	0	0	5	0	0	0	0	0	1	0	8	0	1	0	0
HENRY FORD CC	0	0	0	0	0	0	0	12	3	0	1	3	0	0	25
HIGHLAND PARK	0	0	0	0	0	0	8	0	3	0	0	1	0	0	7
JACKSON CC	0	0	4	0	0	0	0	0	0	0	11	1	0	0	2
KALAMAZOO VALL	0	0	0	1	0	0	0	0	4	0	26	0	3	0	4
KELLOGG CC	0	0	0	5	0	0	0	0	12	0	0	1	1	0	1
KIRTLAND CC	0	0	11	0	0	0	0	0	4	0	1	0	0	0	2
LAKE MICH CC	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LANSING CC	0	2	4	0	2	0	1	3	29	0	17	3	1	0	13
MACOMB CC	0	0	3	0	1	0	1	1	4	0	3	1	0	0	0

**TABLE VI (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>MIDM</b>	<b>MNRO</b>	<b>MONT</b>	<b>MOT</b>	<b>MUS</b>	<b>NCM</b>	<b>NWM</b>	<b>OCC</b>	<b>SCHL</b>	<b>ST C</b>	<b>SWM</b>	<b>WASH</b>	<b>WCC</b>	<b>WEST</b>	<b>TOT</b>
ALPENA CC	2	1	1	0	0	5	2	6	0	0	0	1	0	0	31
BAY DE NOC CC	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6
DELTA CC	5	0	11	0	3	1	7	11	0	4	0	1	0	0	69
GLEN OAKS CC	0	0	0	0	2	0	0	1	0	0	1	0	0	0	16
GOGEBIC CC	0	0	0	0	1	0	0	1	0	0	0	0	0	0	9
GRAND RAPIDS	1	0	19	0	24	1	4	7	0	1	4	0	0	0	76
HENRY FORD CC	0	8	1	0	0	1	5	136	0	3	0	5	0	0	203
HIGHLAND PARK	0	0	0	0	1	0	0	19	0	0	0	0	0	0	39
JACKSON CC	1	1	0	0	20	0	2	6	0	0	0	5	0	0	53
KALAMAZOO VALL	1	1	0	0	3	0	7	10	0	1	3	0	0	0	64
KELLOGG CC	1	0	1	0	5	0	1	5	0	0	1	1	0	0	35
KIRTLAND CC	4	0	1	0	2	2	15	5	0	1	0	0	0	0	48
LAKE MICH CC	0	1	1	0	2	1	1	0	0	0	19	0	0	0	28
LANSING CC	6	1	29	0	14	0	7	37	0	2	0	5	0	0	176
MACOMB CC	5	1	2	0	1	1	0	306	0	37	0	1	0	0	368

**TABLE VI (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ALPN</b>	<b>BAY</b>	<b>DELT</b>	<b>GLEN</b>	<b>GOG</b>	<b>GR R</b>	<b>FORD</b>	<b>HIGH</b>	<b>JACK</b>	<b>KA V</b>	<b>KELL</b>	<b>KIRK</b>	<b>LK M</b>	<b>LANS</b>	<b>MCC</b>
MID MICHIGAN	0	0	21	0	0	0	0	0	0	0	1	4	0	0	3
MONROE CC	0	0	0	0	0	0	1	0	4	0	0	0	0	0	1
MONTCALM CC	0	0	0	0	0	0	0	0	17	0	1	0	0	0	1
MOTT CC	0	0	7	0	0	0	0	2	4	0	3	4	0	0	8
MUSKEGON CC	0	0	0	0	0	0	0	0	9	0	0	2	1	0	0
NORTH CEN. MICH	0	0	1	0	0	0	0	0	0	0	1	2	0	0	1
NORTHWESTERN	0	0	2	0	0	0	0	0	3	0	3	4	0	0	1
OAKLAND CC	0	0	2	0	0	0	11	5	7	0	2	2	0	0	158
SCHOOLCRAFT CC	0	0	0	0	0	0	8	0	8	0	1	1	0	0	10
ST CLAIR CC	0	0	7	0	0	0	4	0	0	0	0	1	0	0	50
SOUTHWESTERN	0	0	1	2	0	0	0	0	3	0	2	0	10	0	1
WASHTENAW CC	0	0	0	0	0	0	1	2	10	0	5	0	2	0	3
WAYNE CCC	0	0	1	0	0	0	29	31	8	0	3	2	0	0	39
WEST SHORE CC	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
<b>TOTALS</b>	<b>0</b>	<b>6</b>	<b>75</b>	<b>8</b>	<b>6</b>	<b>0</b>	<b>67</b>	<b>56</b>	<b>146</b>	<b>0</b>	<b>102</b>	<b>45</b>	<b>19</b>	<b>0</b>	<b>343</b>

**TABLE VI (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>MIDM</b>	<b>MNRO</b>	<b>MONT</b>	<b>MOT</b>	<b>MUS</b>	<b>NCM</b>	<b>NWM</b>	<b>OCC</b>	<b>SCHL</b>	<b>ST C</b>	<b>SWM</b>	<b>WASH</b>	<b>WCC</b>	<b>WEST</b>	<b>TOT</b>
MID MICHIGAN	0	1	13	0	4	1	1	3	0	0	0	0	0	0	52
MONROE CC	1	0	0	0	0	0	0	2	0	0	0	0	0	0	9
MONTCALM CC	2	0	0	0	13	1	0	2	0	0	0	0	0	0	37
MOTT CC	1	0	0	0	2	0	6	28	0	4	0	3	0	0	72
MUSKEGON CC	1	0	1	0	0	0	5	2	0	0	1	1	0	0	23
NORTH CEN. MICH	0	0	0	0	2	0	11	3	0	0	2	1	0	0	24
NORTHWESTERN	1	0	2	0	3	5	0	13	0	3	1	1	0	0	42
OAKLAND CC	4	3	0	0	5	2	19	0	0	11	1	2	0	0	234
SCHOOLCRAFT CC	1	3	1	0	6	2	5	143	0	2	1	8	0	0	200
ST CLAIR CC	1	0	0	0	2	0	3	15	0	0	0	0	0	0	83
SOUTHWESTERN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	20
WASHTENAW CC	1	8	0	0	2	1	7	21	0	0	0	0	0	0	63
WAYNE CCC	1	11	0	0	4	0	0	93	0	2	0	0	0	0	224
WEST SHORE CC	0	0	0	0	7	0	6	0	0	0	1	0	0	0	16
<b>TOTALS</b>	<b>40</b>	<b>40</b>	<b>83</b>	<b>0</b>	<b>128</b>	<b>24</b>	<b>115</b>	<b>876</b>	<b>0</b>	<b>71</b>	<b>35</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>2320</b>

**TABLE VII**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ADRN</b>	<b>ALBN</b>	<b>ALMA</b>	<b>AND</b>	<b>AQN</b>	<b>BK-M</b>	<b>BK-O</b>	<b>CLVN</b>	<b>CCS</b>	<b>CLRY</b>	<b>CONC</b>	<b>DCB</b>	<b>GMI</b>	<b>GRBI</b>	<b>GRBA</b>
ALPENA CC	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0
BAY DE NOC CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DELTA CC	0	0	1	0	1	1	4	0	1	0	6	1	0	0	0
GLEN OAKS CC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GOGEBIC CC	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
GRAND RAPIDS	0	1	1	0	45	1	0	23	0	0	0	0	0	3	7
HENRY FORD CC	2	0	0	0	1	0	1	1	9	3	0	68	0	0	0
HIGHLAND PARK	0	0	0	0	0	0	0	0	0	1	0	10	0	0	0
JACKSON CC	4	3	0	0	0	1	0	0	1	1	2	0	0	0	1
KALAMAZOO VALL	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0
KELLOGG CC	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0
KIRTLAND CC	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LAKE MICH CC	0	0	0	0	1	0	0	3	0	0	0	0	0	0	1
LANSING CC	2	0	0	0	5	0	28	2	2	1	0	2	0	0	2
MACOMB CC	0	0	1	0	0	0	0	0	18	0	4	60	0	0	0

TABLE VII (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION REPORT  
 SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	HILL	HOPE	JRDN	KAL	KNDL	LTU	MDN	MYGR	MCY	M CH	NAZR	NWD	OLVT	REFB	SACR
ALPENA CC	0	0	0	0	1	4	0	0	0	0	0	1	2	0	0
BAY DE NOC CC	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
DELTA CC	0	0	1	0	1	14	3	1	1	0	0	46	0	0	0
GLEN OAKS CC	1	0	0	0	0	0	1	0	0	0	4	0	1	0	0
GOGEBIC CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND RAPIDS	1	8	16	0	11	4	1	0	0	0	1	0	4	1	0
HENRY FORD CC	0	0	1	0	2	85	96	5	15	0	0	1	0	0	0
HIGHLAND PARK	0	0	8	0	0	6	5	20	11	0	0	0	0	0	0
JACKSON CC	4	0	1	0	0	0	0	0	0	0	0	2	3	0	0
KALAMAZOO VALL	0	4	2	0	2	1	3	0	0	0	23	1	2	1	0
KELLOGG CC	0	0	1	0	2	0	1	0	0	0	2	1	8	0	0
KIRTLAND CC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE MICH CC	0	2	2	0	0	0	1	0	0	0	0	0	0	0	0
LANSING CC	0	1	1	0	6	12	5	0	3	0	1	4	17	0	0
MACOMB CC	0	2	0	0	2	91	25	9	12	0	0	7	0	0	0

TABLE VII (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	SHTS	SPAR	ST M	U-D	WAL	WMT	TOT
ALPENA CC	0	2	0	0	0	0	14
BAY DE NOC CC	0	0	0	0	0	0	2
DELTA CC	0	1	1	2	0	0	86
GLEN OAKS CC	0	0	0	0	0	0	8
GOGEBIC CC	0	0	0	0	0	0	1
GRAND RAPIDS	0	0	0	0	0	0	128
HENRY FORD CC	0	0	2	7	5	0	304
HIGHLAND PARK	0	0	0	16	0	0	77
JACKSON CC	4	18	0	1	0	0	46
KALAMAZOO VALL	0	1	0	0	0	0	43
KELLOGG CC	0	0	0	0	0	0	18
KIRTLAND CC	0	1	0	0	0	0	5
LAKE MICH CC	0	0	0	0	0	0	10
LANSING CC	1	4	0	0	0	0	99
MACOMB CC	0	1	6	29	140	0	407

**TABLE VII (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ADRN</b>	<b>ALBN</b>	<b>ALMA</b>	<b>AND</b>	<b>AQN</b>	<b>BK-M</b>	<b>BK-O</b>	<b>CLVN</b>	<b>CCS</b>	<b>CLRY</b>	<b>CONC</b>	<b>DCB</b>	<b>GMI</b>	<b>GRBI</b>	<b>GRBA</b>
MID MICHIGAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONROE CC	3	0	0	0	0	0	0	0	1	2	1	0	0	0	1
MONTCALM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MOTT CC	0	0	0	0	1	0	6	0	1	1	0	36	0	0	0
MUSKEGON CC	0	0	0	0	4	26	0	3	0	0	0	0	0	0	4
NORTH CENTRAL	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
NORTHWESTERN	0	0	4	0	1	1	0	1	0	0	0	0	0	0	1
OAKLAND CC	3	5	1	0	3	0	0	0	22	0	5	23	0	0	0
SCHOOLCRAFT	1	1	0	0	0	0	1	0	2	4	0	8	0	0	0
ST CLAIR CC	0	0	0	0	1	0	0	1	4	0	0	16	0	0	0
SOUTHWESTERN	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
WASHTENAW CC	3	0	0	0	0	0	1	0	4	20	3	3	0	0	0
WAYNE CCC	0	0	0	0	1	0	0	0	4	2	0	54	0	0	0
WEST SHORE CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>TOTALS</b>	<b>19</b>	<b>15</b>	<b>11</b>	<b>0</b>	<b>68</b>	<b>34</b>	<b>41</b>	<b>34</b>	<b>69</b>	<b>37</b>	<b>21</b>	<b>281</b>	<b>0</b>	<b>3</b>	<b>20</b>



**TABLE VII (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	HILL	HOPE	JRDN	KAL	KNDL	LTU	MDNA	MYGR	MRCY	M CH	NAZR	NWD	OLVT	REFB	SACR
MID MICHIGAN	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
MONROE CC	0	0	0	0	2	1	6	0	0	0	0	0	1	0	0
MONTCALM CC	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
MOTT CC	0	0	1	0	1	8	1	0	1	0	0	2	2	0	0
MUSKEGON CC	0	2	5	0	2	1	0	0	0	0	0	0	0	0	0
NORTH CENTRAL	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0
NORTHWESTERN	0	2	0	0	3	0	2	0	0	0	0	2	1	0	0
OAKLAND CC	0	1	4	0	2	120	116	28	25	0	0	0	5	0	0
SCHOOLCRAFT	0	0	0	0	0	62	113	0	3	0	0	3	0	0	0
ST CLAIR CC	0	0	1	0	1	5	2	0	5	0	0	5	1	0	0
SOUTHWESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASHTENAW CC	0	0	0	0	0	9	13	2	0	0	0	2	0	0	0
WAYNE CCC	0	1	24	0	0	10	58	62	43	2	0	0	1	0	0
WEST SHORE CC	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>6</b>	<b>25</b>	<b>69</b>	<b>0</b>	<b>42</b>	<b>433</b>	<b>453</b>	<b>127</b>	<b>119</b>	<b>2</b>	<b>31</b>	<b>82</b>	<b>49</b>	<b>2</b>	<b>0</b>

**TABLE VII (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>SHTS</b>	<b>SARB</b>	<b>ST M</b>	<b>U-M</b>	<b>WAL</b>	<b>WMT</b>	<b>TOT</b>
MID MICHIGAN	0	0	0	0	0	0	4
MONROE CC	3	0	0	2	0	0	23
MONTCALM CC	0	0	0	0	0	0	3
MOTT CC	0	2	0	2	0	0	65
MUSKEGON CC	0	1	0	0	0	0	48
NORTH CENTRAL	0	1	0	0	0	0	7
NORTHWESTERN	0	1	0	1	1	0	21
OAKLAND CC	0	0	7	31	107	0	508
SCHOOLCRAFT CC	2	0	0	2	3	0	205
ST CLAIR CC	0	0	0	1	25	0	68
SOUTHWESTERN	1	0	0	0	0	0	3
WASHTENAW CC	2	0	0	2	1	0	65
WAYNE CCC	0	0	0	38	6	0	306
WEST SHORE CC	0	0	0	0	0	0	3
<b>TOTALS</b>	<b>13</b>	<b>33</b>	<b>16</b>	<b>134</b>	<b>288</b>	<b>0</b>	<b>2577</b>

**TABLE VIII**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>DAVN</b>	<b>LBC SUOM</b>	<b>TOT</b>
ALPENA CC	1	0	1
BAY DE NOC CC	1	0	0
DELTA CC	2	0	0
GLEN OAKS CC	1	0	0
GOGEBIC CC	0	0	1
GRAND RAPIDS	101	0	0
HENRY FORD CC	1	0	1
HIGHLAND PARK	0	0	0
JACKSON CC	7	0	1
KALAMAZOO VALL	7	0	0
KELLOGG CC	3	0	0
KIRTLAND CC	1	0	0
LAKE MICH CC	4	0	0
LANSING CC	27	0	0
MACOMB CC	3	0	1

**TABLE VIII (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>DAVN</b>	<b>LBC</b>	<b>SUOM</b>	<b>TOT</b>
MID MICHIGAN	3	0	0	3
MONROE CC	0	0	0	0
MONTCALM CC	9	0	0	9
MOTT CC	1	0	0	1
MUSKEGON CC	9	0	0	9
NORTH CENTRAL	0	0	0	0
NORTHWESTERN	5	0	0	5
OAKLAND CC	4	0	1	5
SCHOOLCRAFT CC	2	0	1	3
ST CLAIR CC	0	0	1	1
SOUTHWESTERN	1	0	0	1
WASHTENAW CC	2	0	1	3
WAYNE CCC	2	0	0	2
WEST SHORE CC	8	0	0	8
<b>TOTALS</b>	<b>205</b>	<b>0</b>	<b>9</b>	<b>214</b>

**TABLE IX**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES**

SENDING INSTITUTIONS	RECEIVING INSTITUTIONS															TOT
	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OAK	SVSU	UM-A	UM-D	UM-F	WSU	WMU	
ADRIAN COLLEGE	1	16	0	3	0	5	1	1	4	0	1	0	4	9	8	53
ALBION COLLEGE	2	4	0	0	2	14	2	2	3	2	16	7	1	7	11	73
ALMA COLLEGE	1	1	0	4	0	5	3	0	2	3	3	2	2	6	4	36
ANDREWS UNIV	0	0	0	2	0	1	0	0	0	0	5	0	0	1	4	13
AQUINAS COLLEGE	5	4	0	18	0	7	0	2	3	3	2	1	1	3	15	64
BAKER/MUSKEGON	1	1	8	15	1	1	1	2	0	0	0	0	0	0	7	37
BAKER/OWOSSO	8	0	2	0	2	1	1	1	4	4	0	0	35	1	2	61
CALVIN COLLEGE	1	2	1	57	1	0	0	0	0	2	14	1	0	6	14	99
CTR/CREAT STD	0	2	0	0	0	0	0	0	1	0	2	0	0	14	0	19
CLEARY COLLEGE	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
CONCORDIA COLL	2	4	0	0	0	0	0	0	0	0	3	0	0	2	1	12
DETROIT COL/BUS	1	4	1	0	0	0	1	0	3	0	0	3	2	17	2	34
GMI ENG & MGT	0	1	0	2	0	1	0	0	2	2	0	0	0	1	2	11
GRACE BIBLE COLL	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
GR. RAPIDS BAPT	2	0	0	17	0	1	0	0	1	0	1	1	0	0	3	26
HILLSDALE COLL	1	0	1	1	1	6	0	0	0	0	2	3	0	3	0	18
HOPE COLLEGE	4	3	3	21	0	10	1	1	3	0	6	0	0	1	6	59
JORDAN COLLEGE	0	1	5	8	0	2	0	0	0	3	0	0	4	5	1	29
KALAMAZOO COLL	0	1	0	1	0	4	0	0	1	0	6	1	1	2	6	23

TABLE IX (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGES & UNIVERSITIES

SENDING INSTITUTIONS	RECEIVING INSTITUTIONS															TOT
	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OAK	SVSU	UM-A	UM-D	UM-F	WSU	WMU	
KENDALL	0	0	0	9	3	0	0	1	0	0	0	0	0	2	3	18
LAWRENCE TECH	2	13	2	1	0	8	3	0	4	1	4	4	0	16	4	62
MADONNA COLL	2	10	0	2	0	3	1	1	4	0	1	12	1	10	4	51
MARYGROVE COLL	0	0	0	0	1	0	0	0	1	0	0	0	0	10	0	12
MERCY COLLEGE	1	5	0	1	0	1	0	0	3	0	0	2	0	23	0	36
MICH CHRISTIAN	1	2	0	0	0	0	0	0	5	0	0	0	0	0	0	8
NAZARETH COLL	0	1	0	7	1	0	0	0	0	0	2	0	1	0	5	17
NORTHWOOD INST	9	2	3	3	0	6	0	1	2	3	0	0	2	7	4	42
OLIVET COLLEGE	3	4	2	1	0	9	0	1	0	1	1	0	2	0	4	28
REFORMED BIBLE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
SACRED HEART	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	4
SIENA HEIGHTS	3	12	0	3	1	6	1	0	3	0	0	0	0	9	4	42
SPRING ARBOR	3	3	3	3	0	1	1	0	0	1	1	0	1	0	1	18
ST MARYS COLL	1	0	1	0	6	0	0	0	2	0	2	0	1	2	0	15
UNIV OF DETROIT	3	4	2	1	0	6	1	0	5	0	3	13	1	40	1	80
WALSH COLLEGE	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	8
WILLIAM TYNDALE	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	4
<b>TOTALS</b>	<b>57</b>	<b>127</b>	<b>34</b>	<b>184</b>	<b>19</b>	<b>98</b>	<b>17</b>	<b>13</b>	<b>61</b>	<b>25</b>	<b>75</b>	<b>50</b>	<b>59</b>	<b>206</b>	<b>117</b>	<b>1142</b>

**TABLE X**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ALPN</b>	<b>BAY</b>	<b>DELT</b>	<b>GLEN</b>	<b>GOG</b>	<b>GR R</b>	<b>FORD</b>	<b>HIGH</b>	<b>JACK</b>	<b>KA V</b>	<b>KELL</b>	<b>KIRT</b>	<b>LK M</b>	<b>LANS</b>	<b>MCC</b>
ADRIAN COLLEGE	0	0	1	0	0	0	0	0	3	0	0	0	0	0	5
ALBION COLLEGE	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
ALMA COLLEGE	0	0	2	0	0	0	1	0	1	0	2	1	0	0	0
ANDREWS UNIV	0	1	0	0	0	0	0	0	1	0	2	0	8	0	1
AQUINAS COLLEGE	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1
BAKER/MUSKEGON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAKER/OWOSSO	0	0	9	0	0	0	0	0	1	0	0	0	0	0	3
CALVIN COLLEGE	0	0	1	0	0	0	0	0	0	0	2	0	2	0	1
CTR/ CREAT STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
CLEARY COLLEGE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
CONCORDIA COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
DETROIT COLL/BUS	0	0	0	0	0	0	4	0	1	0	0	1	0	0	18
GMI ENG & MGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
GRACE BIBLE COLL	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
GR. RAPIDS BAPT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
HILLSDALE COLL	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1
HOPE COLLEGE	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
JORDAN COLLEGE	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1
KALAMAZOO COLL	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2

**TABLE X (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>MIDM</b>	<b>MNRO</b>	<b>MONT</b>	<b>MOT</b>	<b>MUS</b>	<b>NCM</b>	<b>NWM</b>	<b>OCC</b>	<b>SCHL</b>	<b>ST C</b>	<b>SWM</b>	<b>WASH</b>	<b>WCC</b>	<b>WEST</b>	<b>TOT</b>
ADRIAN COLLEGE	0	2	0	0	1	0	0	5	0	2	0	0	0	0	19
ALBION COLLEGE	0	0	1	0	0	0	1	5	0	0	0	2	0	0	13
ALMA COLLEGE	0	0	0	0	0	1	1	3	0	0	0	1	0	0	13
ANDREWS UNIV	0	0	1	0	0	0	0	9	0	0	11	0	0	0	34
AQUINAS COLLEGE	0	0	5	0	1	0	0	1	0	0	0	0	0	0	12
BAKER/MUSKEGON	0	0	1	0	0	0	6	0	0	0	0	0	0	0	7
BAKER/OWOSSO	0	1	2	0	4	0	1	3	0	2	0	0	0	0	26
CALVIN COLLEGE	0	0	0	0	0	0	4	2	0	0	0	0	0	0	12
CTR /CREAT STD	0	0	0	0	0	0	1	23	0	0	0	0	0	0	33
CLEARY COLLEGE	0	1	0	0	0	0	0	7	0	0	0	2	0	0	12
CONCORDIA COLL	0	2	0	0	0	0	0	7	0	0	0	0	0	0	14
DETROIT COLL /BUS	0	0	0	0	0	0	0	27	0	5	0	0	0	0	56
GMI ENG & MGT	0	0	0	0	0	0	0	11	0	0	0	0	0	0	18
GRACE BIBLE COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
GR. RAPIDS BAPT	1	0	4	0	3	0	0	2	0	0	0	0	0	0	12
HILLSDALE COLL	0	0	0	0	0	1	1	7	0	0	1	1	0	0	18
HOPE COLLEGE	0	0	0	0	6	1	1	1	0	0	1	0	0	0	13
JORDAN COLLEGE	0	0	2	0	6	0	0	3	0	0	0	0	0	0	15
KALAMAZOO COLL	0	1	0	0	1	0	0	3	0	0	1	0	0	0	10



**TABLE X (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ALPN</b>	<b>BAY</b>	<b>DELT</b>	<b>GLEN</b>	<b>GOG</b>	<b>GR R</b>	<b>FORD</b>	<b>HIGH</b>	<b>JACK</b>	<b>KA V</b>	<b>KELL</b>	<b>KIRT</b>	<b>LK M</b>	<b>LANS</b>	<b>MCC</b>
KENDALL	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
LAWRENCE TECH	0	1	0	0	0	0	4	0	0	0	0	1	1	0	27
MADONNA COLL	0	0	0	0	0	0	7	0	1	0	0	0	0	0	5
MARYGROVE COLL	0	0	0	0	0	0	2	0	0	0	0	0	0	0	6
MERCY COLLEGE	0	0	0	0	0	0	3	0	0	0	0	0	0	0	9
MICH CHRISTIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
NAZARETH COLL	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0
NORTHWOOD INST	0	0	9	0	0	0	0	0	0	0	1	1	0	0	12
OLIVET COLLEGE	0	0	1	0	0	0	0	0	1	0	8	0	0	0	1
REFORMED BIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRED HEART	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
SIENA HEIGHTS	0	0	0	0	0	0	0	0	3	0	0	0	0	0	11
SPRING ARBOR	0	0	1	0	0	0	0	0	11	0	4	0	0	0	1
ST MARYS COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
UNIV OF DETROIT	0	0	0	0	0	0	8	0	0	0	1	0	0	0	30
WALSH COLLEGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
WILLIAM TYNDALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>TOTALS</b>	<b>0</b>	<b>2</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>25</b>	<b>6</b>	<b>16</b>	<b>0</b>	<b>178</b>

**TABLE X (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGES & UNIVERSITIES**

SENDING INSTITUTIONS	RECEIVING INSTITUTIONS														
	MIDM	MNRO	MONT	MOT	MUS	NCM	NWM	OCC	SCHL	ST C	SWM	WASH	WCC	WEST	TOT
KENDALL	0	0	1	0	5	0	1	1	0	0	0	0	0	0	10
LAWRENCE TECH	0	0	0	0	0	1	1	91	0	3	0	0	0	0	130
MADONNA COLL	1	1	0	0	0	1	0	19	0	1	0	1	0	0	37
MARYGROVE COLL	0	0	1	0	0	0	0	24	0	0	0	0	0	0	33
MERCY COLLEGE	1	2	0	0	1	0	1	27	0	1	0	0	0	0	45
MICH CHRISTIAN	0	1	0	0	0	0	1	4	0	0	0	0	0	0	8
NAZARETH COLL	0	0	0	0	0	0	1	3	0	0	0	0	0	0	8
NORTHWOOD INST	1	0	0	0	0	0	4	25	0	1	1	2	0	0	57
OLIVET COLLEGE	0	0	0	0	2	0	2	1	0	2	0	0	0	0	18
REFORMED BIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRED HEART	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
SIENA HEIGHTS	0	5	0	0	0	0	2	17	0	1	0	1	0	0	40
SPRING ARBOR	1	0	1	0	2	0	1	3	0	0	0	0	0	0	25
ST MARYS COLL	0	0	0	0	0	0	0	6	0	0	0	0	0	0	10
UNIV OF DETROIT	0	1	0	0	0	0	1	46	0	1	0	0	0	0	88
WALSH COLLEGE	0	0	0	0	0	0	0	16	0	0	0	0	0	0	23
WILLIAM TYNDALE	0	0	0	0	0	0	0	12	0	0	0	0	0	0	14
<b>TOTALS</b>	<b>5</b>	<b>17</b>	<b>19</b>	<b>0</b>	<b>32</b>	<b>5</b>	<b>31</b>	<b>414</b>	<b>0</b>	<b>19</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>888</b>

**TABLE XI**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ADRN</b>	<b>ALBN</b>	<b>ALMA</b>	<b>AND</b>	<b>AQN</b>	<b>BK-M</b>	<b>BK-O</b>	<b>CLVN</b>	<b>CCS</b>	<b>CLRY</b>	<b>CONC</b>	<b>DCB</b>	<b>GMI</b>	<b>GRBI</b>	<b>GRBA</b>
ADRIAN COLLEGE	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
ALBION COLLEGE	0	0	0	0	3	0	0	0	1	1	1	0	0	0	0
ALMA COLLEGE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ANDREWS UNIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AQUINAS COLLEGE	1	0	1	0	0	1	0	5	0	0	0	0	0	0	0
BAKER/MUSKEGON	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
BAKER/OWOSSO	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
CALVIN COLLEGE	0	1	0	0	3	0	0	0	0	0	1	0	0	0	1
CTR /CREAT STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLEARY COLLEGE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CONCORDIA COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DETROIT COLL /BUS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
GMI ENG & MGT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
GRACE BIBLE COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GR. RAPIDS BAPT	0	0	0	0	0	1	0	14	0	0	0	0	0	0	0
HILLSDALE COLL	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HOPE COLLEGE	1	0	1	0	1	0	0	2	0	0	0	0	0	0	0
JORDAN COLLEGE	0	0	0	0	0	0	0	1	0	0	0	11	0	0	1
KALAMAZOO COLL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

TABLE XI (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	HILL	HOPE	JRDN	KAL	KNDL	LTU	MDN	MYGR	MRCY	M CH	NAZR	NWD	OLVT	REFB	SACR
ADRIAN COLLEGE	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0
ALBION COLLEGE	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0
ALMA COLLEGE	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0
ANDREWS UNIV	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
AQUINAS COLL	0	0	1	0	0	0	4	1	0	0	0	0	0	0	0
BAKER/MUSKEGON	0	0	2	0	0	0	13	0	0	0	0	0	0	0	0
BAKER/OWOSSO	0	0	4	0	0	1	0	0	0	0	0	0	0	0	0
CALVIN COLLEGE	0	7	1	0	8	3	0	0	0	0	0	1	0	4	0
CTR /CREAT STD	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
CLEARY COLLEGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONCORDIA COLL	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0
DETROIT COL/ BUS	0	0	1	0	0	3	7	3	7	0	0	0	0	0	0
GMI ENG & MGT	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0
GRACE BIBLE COLL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
GR. RAPIDS BAPT	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
HILLSDALE COLL	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0
HOPE COLLEGE	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0
JORDAN COLLEGE	0	0	0	0	0	0	2	0	4	0	0	0	0	1	0
KALAMAZOO COLL	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0

**TABLE XI (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>SHTS</b>	<b>SPAR</b>	<b>ST M</b>	<b>U-D</b>	<b>WAL</b>	<b>WM T</b>	<b>TOT</b>
ADRIAN COLLEGE	2	0	0	0	0	0	9
ALBION COLLEGE	0	0	0	1	0	0	10
ALMA COLLEGE	0	0	0	0	0	0	4
ANDREWS UNIV	0	0	0	0	0	0	1
AQUINAS COLLEGE	0	0	0	0	1	0	15
BAKER/MUSKEGON	0	0	0	0	0	0	17
BAKER/OWOSSO	1	0	0	0	0	0	18
CALVIN COLLEGE	0	1	0	0	0	0	31
CTR /CREAT STD	0	0	0	0	0	0	3
CLEARY COLLEGE	0	0	0	0	0	0	1
CONCORDIA COLL	0	0	0	0	0	0	3
DETROIT COL/BUS	0	0	0	4	4	0	30
GMI ENG & MGT	0	0	0	0	0	0	5
GRACE BIBLE COLL	0	0	0	0	0	0	1
GR. RAPIDS BAPT	0	1	0	0	0	0	19
HILLSDALE COLL	1	0	1	0	0	0	8
HOPE COLLEGE	0	0	0	1	0	0	9
JORDAN COLLEGE	0	1	0	0	0	0	21
KALAMAZOO COLL	1	0	0	0	0	0	7

TABLE XI (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

**RECEIVING INSTITUTIONS**

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	AND	AQN	BK-M	BK-O	CLVN	CCS	CLRY	CONC	DCB	GMI	GRBI	GRBA
KENDALL	0	0	0	0	1	0	0	0	7	0	0	0	0	0	0
LAWRENCE TECH	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MADONNA COLL	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0
MARYGROVE COLL	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
MERCY COLLEGE	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
MICH CHRISTIAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
NAZARETH COLL	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
NORTHWOOD INST	0	1	0	0	3	0	0	0	0	0	0	3	0	0	0
OLIVET COLLEGE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
REFORMED BIBLE	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1
SACRED HEART	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SIENA HEIGHTS	1	1	0	0	0	0	0	0	3	1	1	1	0	0	0
SPRING ARBOR	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
ST MARYS COLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNIV OF DETROIT	0	1	0	0	0	0	0	0	1	0	0	3	0	0	0
WALSH COLLEGE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
WILLIAM TYNDALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>25</b>	<b>12</b>	<b>6</b>	<b>8</b>	<b>47</b>	<b>0</b>	<b>1</b>	<b>3</b>

TABLE XI (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

		RECEIVING INSTITUTIONS														
SENDING INSTITUTIONS		HILL	HOPE	JRDN	KAL	KNDL	LTU	MDN	MYGR	MRCY	M CH	NAZR	NWD	OLVT	REFB	SACR
KENDALL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LAWRENCE TECH	0	0	0	0	0	0	4	2	2	0	0	1	0	0	0	0
MADONNA COLL	0	0	0	0	0	2	0	2	10	0	0	0	0	0	0	0
MARYGROVE COLL	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0	0
MERCY COLLEGE	0	0	1	0	0	1	6	2	0	0	0	0	0	0	0	0
MICH CHRISTIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAZARETH COLL	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
NORTHWOOD INST	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
OLIVET COLLEGE	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
REFORMED BIBLE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRED HEART	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
SIENA HEIGHTS	0	0	0	0	1	0	4	0	0	0	0	0	1	0	0	0
SPRING ARBOR	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0
ST MARYS COLL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
UNIV OF DETROIT	0	0	1	0	0	8	13	2	11	0	0	3	0	0	0	0
WALSH COLLEGE	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
WILLIAM TYNDALE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>1</b>	<b>15</b>	<b>16</b>	<b>0</b>	<b>17</b>	<b>28</b>	<b>70</b>	<b>16</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>

TABLE XI (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	SHTS	SPAR	ST M	U-D	WAL	WM T	TOT
KENDALL	0	0	0	0	0	0	9
LAWRENCE TECH	0	1	0	3	2	0	16
MADONNA COLL	0	0	1	0	0	0	20
MARYGROVE COLL	0	0	0	2	0	0	14
MERCY COLLEGE	0	0	0	1	1	0	16
MICH CHRISTIAN	0	0	0	0	1	0	2
NAZARETH COLL	0	0	0	0	0	0	4
NORTHWOOD INST	0	0	1	1	3	0	16
OLIVET COLLEGE	0	0	0	0	0	0	4
REFORMED BIBLE	0	0	0	0	0	0	5
SACRED HEART	0	0	0	0	0	0	3
SIENA HEIGHTS	0	1	0	0	0	0	15
SPRING ARBOR	1	0	0	0	0	0	8
ST MARYS COLL	0	0	0	0	0	0	1
UNIV OF DETROIT	0	0	0	0	0	0	43
WALSH COLLEGE	0	0	0	0	0	0	5
WILLIAM TYNDALE	0	0	0	0	0	0	1
<b>TOTALS</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>13</b>	<b>12</b>	<b>0</b>	<b>394</b>



**TABLE XII**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>DAVN</b>	<b>LBC SUOM</b>	<b>TOT</b>
ADRIAN COLLEGE	1	0	0
ALBION COLLEGE	0	0	0
ANDREWS UNIV	0	0	0
AQUINAS COLLEGE	8	0	0
BAKER/MUSKEGON	11	0	0
BAKER/OWOSSO	1	0	0
CALVIN COLLEGE	11	0	0
CTR / CREAT STD	0	0	0
CLEARY COLLEGE	0	0	0
CONCORDIA COLL	0	0	0
DETROIT COLL /BUS	3	0	0
GMI ENG & MGT	0	0	0
GRACE BIBLE COLL	2	0	0
GR. RAPIDS BAPT	0	0	0
HILLSDALE COLL	1	0	0
HOPE COLLEGE	6	0	0
JORDAN COLLEGE	5	0	0
KALAMAZOO COLL	7	0	0

TABLE XII (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES

**RECEIVING INSTITUTIONS**

SENDING INSTITUTIONS	DAVN	LBC SUOM	TOT	
KENDALL	0	0	0	0
LAWRENCE TECH	0	0	0	0
MADONNA COLL	0	0	0	0
MARYGROVE COLL	0	0	0	0
MERCY COLLEGE	1	0	0	1
MICH CHRISTIAN	0	0	0	0
NAZARETH COLL	0	0	0	0
NORTHWOOD INST	6	0	0	6
OLIVET COLLEGE	0	0	0	0
REFORMED BIBLE	0	0	0	0
SACRED HEART	0	0	0	0
SIENA HEIGHTS	2	0	0	2
SPRING ARBOR	0	0	1	1
ST MARYS COLL	0	0	0	0
UNIV OF DETROIT	1	0	0	1
WALSH COLLEGE	0	0	0	0
WILLIAM TYNDALE	0	0	0	0
<b>TOTALS</b>	<b>66</b>	<b>0</b>	<b>1</b>	<b>67</b>

**TABLE XIII**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PUBLIC COLLEGE & UNIVERSITIES**

SENDING INSTITUTIONS	RECEIVING INSTITUTIONS															TOT
	CMU	EMU	FSU	GVS	LSS	MSU	MTU	NMU	OAK	SVSU	UM-A	UM-D	UM-F	WSU	WMU	
DAVENPORT COLL	3	2	10	53	0	1	1	1	1	0	0	0	0	0	1	73
LEWIS COL OF BUS	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	5
SUOMI COLLEGE	2	3	2	0	2	1	5	21	1	2	0	0	0	2	2	43
<b>TOTALS</b>	<b>5</b>	<b>6</b>	<b>12</b>	<b>53</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>121</b>

**TABLE XIV**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGE & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>ALPN</b>	<b>BAY</b>	<b>DELT</b>	<b>GLEN</b>	<b>GOG</b>	<b>GR R</b>	<b>FORD</b>	<b>HIGH</b>	<b>JACK</b>	<b>KA V</b>	<b>KELL</b>	<b>KIRT</b>	<b>LK M</b>	<b>LANS</b>	<b>MCC</b>
<b>DAVENPORT COLL</b>	0	0	1	0	1	0	0	0	1	0	7	0	2	0	0
<b>LEWIS COL OF BUS</b>	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
<b>SUOMI COLLEGE</b>	0	1	1	0	2	0	1	0	1	0	0	0	0	0	1
<b>TOTALS</b>	0	1	2	0	3	0	1	5	2	0	7	0	2	0	1

**TABLE XIV (cont'd)**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PUBLIC COLLEGE & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>MIDM</b>	<b>MNRO</b>	<b>MONT</b>	<b>MOT</b>	<b>MUS</b>	<b>NCM</b>	<b>NWM</b>	<b>OCC</b>	<b>SCHL</b>	<b>ST C</b>	<b>SWM</b>	<b>WASH</b>	<b>WCC</b>	<b>WEST</b>	<b>TOT</b>
<b>DAVENPORT COLL</b>	1	0	12	0	14	1	4	3	0	0	5	0	0	0	52
<b>LEWIS COL OF BUS</b>	0	0	0	0	0	0	0	2	0	0	0	0	0	0	7
<b>SUOMI COLLEGE</b>	0	0	0	0	0	0	1	3	0	1	0	0	0	0	12
<b>TOTALS</b>	1	0	12	0	14	1	5	8	0	1	5	0	0	0	71

TABLE XV  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	ADRN	ALBN	ALMA	AND	AQN	BK-M	BK-O	CLVN	CCS	CLRY	CONC	DCB	GMI	GRBI	GRBA
DAVENPORT COLL	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2
LEWIS COL OF BUS	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
SUOMI COLLEGE	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>2</b>

TABLE XV (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

**RECEIVING INSTITUTIONS**

SENDING INSTITUTIONS	HILL	HOPE	JRDN	KAL	KNDL	LTU	MDN	MYGR	MRCY	M CH	NAZR	NWD	OLVT	REFB	SACR
DAVENPORT COLL	0	3	9	0	3	1	1	0	1	0	0	1	1	0	0
LEWIS COL OF BUS	0	0	1	0	0	0	0	5	1	0	0	1	0	0	0
SUOMI COLLEGE	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0
<b>TOTALS</b>	<b>0</b>	<b>4</b>	<b>11</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>

TABLE XV (cont'd)  
 FALL 1989 MACRAO TRANSFER MIGRATION STUDY  
 SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES  
 RECEIVING INSTITUTIONS: MICHIGAN 4 YEAR PRIVATE COLLEGES & UNIVERSITIES

RECEIVING INSTITUTIONS

SENDING INSTITUTIONS	SHTS	SPAR	ST M	U-D	WAL	WM T	TOT
DAVENPORT COLL	0	0	0	1	0	0	30
LEWIS COL OF BUS	0	0	1	1	0	0	17
SUOMI COLLEGE	0	0	0	1	0	0	8
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>55</b>





MEMORANDUM

TO: Paul Batty  
FROM: Tom Haug  
SUBJECT: TYPEWRITERS FOR THE LIBRARY  
DATE: 14 November 1990

Knowing that typewriters from F building are to be distributed in the near future, I would like to state our case. We have two separate needs-- the public typing room and staff workstations.

The one rollabout and four mounted typewriters in our public typing room are awful; they do terrible work and cannot be kept in repair. In short, they are a severe disservice to our students. However, before we simply replace them I would welcome the opportunity to discuss, probably in conceit with Mary K Montieth, other ways and means of providing typing services to our students. We are desperately in need of a place to provide AV services to students, and all or part of the present typing room would serve that purpose well.

Our staff needs range from moderate to severe. As far as anyone can remember, no new (i.e., used) typewriters have appeared in the library in at least a dozen years. Thus, everyone who presently has a typewriter would like a new one, and four people who have none at all would like to have something. In short, if there is low demand for the available machines, the library could easily and gladly absorb ten of them. If, however, the demand is high, we can prioritize.

One machine, that is used by Jane DiLorenzo is in very bad condition and should be replaced under any circumstances.

The communal machine mounted in K-111 and the rollabout machine shared by Helen Canfield, Sara Lee Carr, and Joy Frost are primitive and in moderately bad shape and should be replaced.

The three librarians have no electric typewriters at all (Tom has an old Olympia manual), and unless personal PS/2's are forthcoming soon, typewriters would be very useful to fill the gap.

Joy Frost who presently has to share a machine with two other Library Techs could benefit from having a machine of her own.

**TABLE XVI**  
**FALL 1989 MACRAO TRANSFER MIGRATION STUDY**  
**SENDING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**  
**RECEIVING INSTITUTIONS: MICHIGAN 2 YEAR PRIVATE COLLEGES & UNIVERSITIES**

**RECEIVING INSTITUTIONS**

<b>SENDING INSTITUTIONS</b>	<b>DAVN</b>	<b>LBC</b>	<b>SUOM</b>	<b>TOT</b>
DAVENPORT COLL	0	0	0	0
LEWIS COL OF BUS	0	0	0	0
SUOMI COLLEGE	2	0	0	2
<b>TOTALS</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>

TO: Dan Jaksen  
FROM: Mary Ann McGee  
SUBJECT: MACRAO Transfer Data  
DATE: April 13, 1989

I'd like to draw your attention to an interesting anomaly in the 1988 MACRAO survey of applications received. While the yield rates for FITIACS dropped slightly from last year, the yield on transfer students increased dramatically, from 73.3% to 97.4%. This represents a 45.4% increase in the number of transfer students attending OCC in the fall of 1988. In actual numbers, this is an increase of 1125 students.

This information is particularly interesting in light of the fact that most other two-year schools in the state experienced a loss of transfer students. Our two closest competitors, Macomb and Schoolcraft, had drops of 32.1% and 47% respectively.

There are a lot of questions that need to be answered if we are to begin to understand this and other enrollment phenomena.

Where are these students from? Did they transfer from other two-year schools, or are they reverse transfers from 4-year institutions? What's the geographic distribution for these students? What's their stated objective in coming to OCC? What kinds of courses are they taking? What programs are they in?

It might be helpful to look at the high schools these students graduated from. There may be some reason why they are not getting the message about OCC before they start school somewhere else.

Why are they choosing OCC? Why are we experiencing such an increase when most other schools are experiencing drops? Are other 4-year schools recommending OCC to those students in academic difficulties?

How many of these transfer students are here simply because they've relocated for business or family reasons and have chosen OCC because we're convenient; and how many are here because of real dissatisfaction with their original choice of school?

As always, I am willing to discuss this further.

TRANSFER

inc. - 15  
increase  
yield

MACRAO SURVEY OF APPLICATIONS RECEIVED AND ADMISSIONS GRANT

TRANSFER DATA

	Applications					#Offers of Adm.					# Enrolled					% Yield				
	1985	1986	1987	1988	% Change	1985	1986	1987	1988	% Change	1985	1986	1987	1988	% Change	1985	1986	1987	1988	
2-YEAR PUBLIC																				
Alpena	NV	NV	182	NV		NV	NV	182	NV		163	161	142	139	-2.1	NV	NV	78.0		
Bay de Noc	192	85	117	124	6.0	192	85	117	124	6.0	155	72	72	74	2.8	80.7	84.7	61.5	59.7	
Delta	NV	NV	NV	NV		NV	NV	NV	NV		NV	NV	NV	NV		NV	NV	NV		
Glen Oaks	68	26	3	60	1900.0	68	26	3	60	1900.0	10	NS	0	35		14.7	NS	0.0	58.3	
Gogebic	137	128	50	60	20.0	132	126	48	55	14.6	105	113	41	45	9.8	79.5	89.7	NV	81.8	
Grand Rapids	294	329	546	448	-17.9	294	329	546	448	-17.9	235	329	546	318	-41.8	79.9	100.0	100.0	71.0	
Henry Ford	NV	NV	NV	NV		NV	NV	NV	NV		NV	NV	NV	NV		NV	NV	NV		
Highland Park	318	275	340	NV		318	275	340	NV		247	195	198	NV		77.7	70.9	58.2		
Jackson	617	621	842	NV		617	621	842	NV		451	391	340	NV		73.1	63.0	40.4		
Kalamazoo Valley	NS	783	892	891	-0.1	NS	783	892	891	-0.1	NS	NS	712	695	-2.4	NS	NS	79.8	78.0	
Kellogg	191	153	196	215	9.7	191	153	196	215	9.7	139	110	145	135	-6.9	72.8	71.9	74.0	62.8	
Kirtland	96	96	106	113	6.6	96	96	106	113	6.6	96	96	106	86	-18.9	100.0	100.0	100.0	76.1	
Lake Michigan	247	207	249	NV		234	207	249	NV		186	114	152	NV		79.5	55.1	61.0		
Lansing	602	523	751	841	12.0	596	519	743	830	11.7	507	457	627	796	27.0	85.1	88.1	84.4	95.9	
Macomb	1966	1749	1851	1307	-29.4	1966	1749	1851	1307	-29.4	1411	1239	1282	870	-32.1	71.8	70.8	69.3	66.6	
Mid-Michigan	294	262	418	229	-45.2	294	262	418	229	-45.2	278	221	377	216	-42.7	94.6	84.4	90.2	94.3	
Monroe	211	209	205	186	-9.3	211	209	205	186	-9.3	180	181	174	158	-9.2	85.3	86.6	84.9	84.9	
Montcalm	95	58	65	228	250.8	NV	58	65	228	250.8	88	46	53	181	241.5	NV	79.3	81.5	79.4	
Mott	614	NS	656	669	2.0	587	NS	637	666	4.6	436	NS	478	467	-2.3	74.3	NS	75.0	70.1	
Muskegon	593	NS	317	313	-1.3	593	NS	317	313	-1.3	402	NS	317	313	-1.3	67.8	NS	NA	100.0	
North Central Michigan	138	124	168	143	-14.9	138	124	168	NV		93	83	136	102	-25.0	67.4	66.9	81.0		
Northwestern Michigan	434	429	727	605	-16.8	408	408	605	524	-13.4	314	314	523	394	-24.7	77.0	77.0	86.4	75.2	
Oakland	3838	3618	3381	3701	9.5	3838	3618	3381	3701	9.5	2771	2678	2478	3603	45.4	72.2	74.0	73.3	97.4	
Saint Clair	207	203	241	189	-21.6	207	203	241	189	-21.6	193	173	210	168	-20.8	93.2	85.2	87.1	88.9	
Schoolcraft	767	963	875	476	-45.6	767	963	875	476	-45.6	698	786	692	367	-47.0	91.0	81.6	79.1	77.1	
Southwestern	218	118	431	337	-21.8	218	118	431	337	-21.8	166	77	242	226	-6.6	76.1	65.3	56.1	67.1	
Washtenaw	919	826	NS	3805		919	826	NS	3805		844	767	NS	3665		91.8	92.9	NS	96.3	
Wayne County	NS	NS	NV	NV		NS	NS	503	NV		NS	NS	503	NV		NS	NS	NV		
West Shore	97	111	104	NV	-100.0	97	111	104	NV		93	102	104	112	7.7	95.9	91.9	100.0		
Sub Total	13153	11896	13713	14940	8.9	12981	11869	14065	14697	4.5	10261	8705	10650	13165	23.6	79.0	73.3	75.7	89.6	
GRAND TOTAL	55365	54505	57383	58971	2.8	44884	43564	45976	45818	-0.3	33632	31487	33721	34683	2.9	74.9	72.3	73.3	75.7	



MACHAQ SURVEY OF APPLICATIONS RECEIVED AND ADMISSIONS GRANTED-FALL 1988

1988 FTAC final

FTAC DATA

	Applications					#Offers of Adm.					# Enrolled					% Yield				
	1985	1986	1987	1988	% Change	1985	1986	1987	1988	% Change	1985	1986	1987	1988	% Change	% 1985	% 1986	% 1987	% 1988	
<b>2-YEAR PUBLIC</b>																				
Alpena	NV	NV	1128	1111	-1.5	NV	NV	1128	1111	-1.5	627	733	778	734	-5.7	NV	NV	69.0	66.1	
Bay de Noc	839	669	1064	1292	21.4	839	669	1064	1292	21.4	731	450	513	576	12.3	87.1	67.3	48.2	44.6	
Delta	4232	4258	4101	NV		4220	4236	4077	NV		NV	3528	3038	NV		NV	83.3	74.5		
Glen Oaks	416	555	678	674	-0.6	416	555	678	674	-0.6	346	434	569	551	-3.2	83.2	78.2	83.9	81.8	
Gogebic	565	573	470	485	3.2	565	572	465	483	3.9	450	482	487	398	-2.2	79.6	84.3	NV	82.4	
Grand Rapids	3869	3044	4259	4610	8.2	3869	3044	4259	4610	8.2	3250	3044	3321	3434	3.4	84.0	100.0	78.0	74.5	
Henry Ford	6051	5470	6003	6610	10.1	6051	5470	6003	6610	10.1	4767	3990	4445	4504	1.3	78.8	72.9	74.0	68.1	
Highland Park	1155	1025	1110	NV		1155	1025	1110	NV		520	468	485	NV		45.0	45.7	43.7		
Jackson	1889	2509	2615	NV		1889	2509	2615	NV		1717	2281	2334	NV		90.9	90.9	89.3		
Kalamazoo Valley	NS	2137	2096	2385	13.8	NS	2137	2096	2385	13.8	NS	NS	1517	1324	-12.7	NS	NS	72.4	55.5	
Kellogg	633	632	897	1130	26.0	633	632	897	1130	26.0	455	460	663	781	17.8	71.9	72.8	73.9	69.1	
Kirtland	509	433	327	424	29.7	509	433	327	424	29.7	468	491	285	311	9.1	91.9	113.4	87.2	73.3	
Lake Michigan	1039	853	995	NV		997	849	977	NV		582	481	626	NV		58.4	56.7	64.1		
Lansing	5196	5284	5480	5416	-1.2	5181	5271	5463	5391	-1.3	4738	4631	4991	4919	-1.4	91.4	87.9	91.4	91.2	
Macomb	7158	7463	7581	8083	6.6	7158	7463	7581	8083	6.6	5406	5463	5413	5827	7.6	75.5	73.2	71.4	72.1	
Mid-Michigan	520	721	726	747	2.9	520	721	726	747	2.9	457	538	543	538	-0.9	87.9	74.6	74.8	72.0	
Monroe	853	879	1048	963	-8.1	853	879	1048	963	-8.1	730	771	901	828	-8.1	85.6	87.7	NV	86.0	
Montcalm	720	672	733	654	-10.8	720	672	733	654	-10.8	572	624	619	551	-11.0	79.4	92.9	84.4	84.3	
Mott	2759	NS	2884	2965	2.8	2678	NS	2744	2796	1.9	2416	NS	2130	2152	-1.0	90.2	NS	77.6	77.0	
Muskegon	4170	2732	2301	2190	-4.8	4170	2732	2307	2193	-4.9	2976	NS	1558	1481	-4.9	71.4	NS	67.5	67.5	
North Central Michigan	436	375	541	447	-17.4	436	375	541	NV		289	247	372	293	-21.2	66.3	65.9	68.8		
Northwestern Michigan	1089	1898	1464	1609	9.9	1023	1043	1220	1436	17.7	839	845	978	1011	3.4	82.0	81.0	80.2	70.4	
Oakland	6763	6902	6425	7199	12.0	6763	6902	6425	7199	12.0	4988	5198	4680	5064	8.2	73.8	75.3	72.8	70.3	
Saint Clair	1128	1193	1321	1527	15.6	1128	1193	1321	1527	15.6	944	1023	1084	1328	22.5	83.7	85.8	82.1	87.0	
Schoolcraft	2247	2197	2392	2574	7.6	2247	2197	2392	2574	7.6	1798	1861	1935	1987	2.7	80.0	84.7	80.9	77.2	
Southwestern	1361	1478	1308	1366	4.4	1361	1478	1308	1366	4.4	900	941	757	783	3.4	66.1	63.7	57.9	57.3	
Washtenaw	1567	2349	NS	3780		1567	2349	NS	3780		1390	1965	NS	3680		88.7	83.7	NS	97.4	
Wayne County	NS	NS	3505	NV		NS	4000	3505	NV		NS	NS	1451	NV		NS	NS	41.4		
West Shore	405	408	447	NV		405	408	447	NV		379	374	447	460	2.9	93.6	91.7	100.0		
<b>Sub Total</b>	<b>57569</b>	<b>55909</b>	<b>63899</b>	<b>58241</b>	<b>-8.9</b>	<b>57353</b>	<b>59814</b>	<b>63457</b>	<b>57428</b>	<b>-9.5</b>	<b>42735</b>	<b>41323</b>	<b>46840</b>	<b>43515</b>	<b>-7.1</b>	<b>74.5</b>	<b>69.1</b>	<b>73.8</b>	<b>75.8</b>	
<b>GRAND TOTAL</b>	<b>173168</b>	<b>173930</b>	<b>192195</b>	<b>194744</b>	<b>1.3</b>	<b>143533</b>	<b>147000</b>	<b>155484</b>	<b>153822</b>	<b>-1.1</b>	<b>88233</b>	<b>86931</b>	<b>92823</b>	<b>88275</b>	<b>-4.9</b>	<b>61.5</b>	<b>59.1</b>	<b>59.7</b>	<b>57.4</b>	



4-25-89

Dan,

Data for previous years can  
be obtained from

Jan. Hartwig  
Admissions

Lansing Community College  
P.O. Box 40010

Lansing 48901-7210  
(517) 483-1255

She is MACRAO historian.

She can photocopy prior  
reports if you are  
willing to pay postage.

Students who transferred to OCE from other institutions

4-Year Public Fall '89

Central Michigan	<u>95</u>
Eastern Michigan	<u>80</u>
Ferris State	<u>96</u>
Grand Valley State	<u>18</u>
Lake Superior State	<u>9</u>
Michigan State	<u>175</u>
Michigan Tech.	<u>23</u>
Northern Michigan	<u>56</u>
Oakland University	<u>822</u>
Saginaw Valley State	<u>7</u>
U-M Ann Arbor	<u>57</u>
U-M Dearborn	<u>35</u>
U-M Flint	<u>8</u>
Wayne State	<u>269</u>
Western Michigan	<u>82</u>
Sub-Total	<u>1192</u>

2-Year Public Fall '89

Alpena	<u>6</u>
Bay de Noc	<u>0</u>
Delta	<u>11</u>
Glen Oaks	<u>1</u>
Gogebic	<u>1</u>
Grand Rapids	<u>7</u>
Henry Ford	<u>136</u>
Highland Park	<u>19</u>
Jackson	<u>6</u>
Kalamazoo Valley	<u>10</u>
Kellogg	<u>5</u>
Kirtland	<u>5</u>
Lake Michigan	<u>0</u>
Lansing	<u>37</u>
Macomb	<u>306</u>
Mid-Michigan	<u>3</u>
Monroe County	<u>2</u>
Montcalm	<u>2</u>
Mott	<u>28</u>
Muskegon	<u>2</u>
North Central Michigan	<u>3</u>
Northwestern Michigan	<u>13</u>
Oakland	<u>0</u>
Schoolcraft	<u>143</u>
St. Clair	<u>15</u>
Southwestern	<u>1</u>
Washtenaw	<u>21</u>
Wayne County	<u>93</u>
West Shore	<u>0</u>
Sub-Total	<u>876</u>

4-Year Private Fall '89

Adrian	<u>5</u>
Albion	<u>5</u>
Alma	<u>3</u>
Andrews	<u>9</u>
Aquinas	<u>1</u>
Calvin	<u>2</u>
Ctr. for Creat. Stud.	<u>25</u>
Cleary	<u>7</u>
Concordia	<u>7</u>
Detroit Coll of Bus.	<u>27</u>
GMI Eng. & Mgt.	<u>11</u>
Grace Bible College	<u>0</u>
Grand Rapids Baptist	<u>2</u>
Hillsdale	<u>7</u>
Hope	<u>1</u>
Jordan	<u>5</u>
Kalamazoo	<u>3</u>
Kendale Sch. of Design	<u>1</u>
Lawrence Institute	<u>91</u>
Madonna	<u>19</u>
Marygrove	<u>24</u>
Mercy	<u>27</u>
Michigan Christian	<u>4</u>
Nazareth	<u>3</u>
Northwood Institute	<u>25</u>
Olivet	<u>1</u>
Reformed Bible	<u>0</u>
Sacred Heart	<u>0</u>
Siena Heights	<u>17</u>
Spring Arbor	<u>3</u>
St. Mary's	<u>6</u>
University of Detroit	<u>46</u>
Walsh	<u>16</u>
William Tyndale	<u>12</u>
Sub-Total	<u>411</u>

2-Year Private Fall '89

Baker JCB	<u>3</u>
Davenport	<u>3</u>
Lewis Business College	<u>2</u>
Muskegon Business	<u>0</u>
Suomi College	<u>3</u>
Sub-Total	<u>11</u>

Grand Total (all)

2490



**4-Year Public Fall '88**

Central Mich.	109
Eastern Mich.	90
Ferris State	102
Grand Valley St.	21
Lake Superior St.	8
Michigan State	184
Michigan Tech.	22
Northern Mich.	40
Oakland Univ.	195
Saginaw Valley St.	6
U-M Ann Arbor	63
U-M Dearborn	27
U-M Flint	8
Wayne State	190
Western Mich.	104
<b>Sub-Total</b>	<b>4,169</b>

**2 Year Public Fall '88**

Alpena	5
Bay de Noc	0
Delta	10
Glen Oaks	0
Gogebic	2
Grand Rapids	10
Henry Ford	126
Highland Park	20
Jackson	4
Kalamazoo Valley	9
Kellogg	2
Kirtland	5
Lake Michigan	1
Lansing	26
Macomb	272
Mid-Michigan	1
Monroe County	2
Montcalm	1
Mott	32
Muskegon	1
North Central Mich.	2
Northwestern Mich	15
Oakland CC	0
Schoolcraft	137
St. Clair CC	8
Southwestern	0
Washtenaw	20
Wayne County CC	100
West Shore	1
<b>Sub-Total</b>	<b>782</b>

**4-Year Private Fall '88**

Adrian	11
Albion	15
Alma	6
Andrews	1
Aquinas	2
Calvin	1
Ctr. for Creat. Stud.	19
Cleary	7
Concordia	1
Det. Coll. of Bus.	30
GMI Eng. & Mgt.	15
Grace Bible Coll.	0
Grand Rapids Bapt.	2
Hillsdale	12
Hope	4
Jordan	3
Kalamazoo	3
Kendale Sch. of Design	0
Lawrence Institute	74
Madonna	22
Marygrove	17
Mercy	32
Mich. Christian	11
Nazareth	0
Northwood Institute	14
Olivet	6
Reformed Bible	0
Sacred Heart	3
Siena Heights	7
Spring Arbor	5
St. Mary's	1
Univ. of Detroit	63
Walsh	13
William Tyndale	9
<b>Sub-Total</b>	<b>416</b>

**2-Year Private Fall '88**

Baker JCB	5
Davenport	2
Lewis Bus. Coll.	2
Muskegon Business	0
Suomi College	5
<b>Sub-Total</b>	<b>15</b>
<b>Grand Total (all)</b>	<b>2,382</b>



FALL 1989 TRANSFER MIGRATION DATA

QUESTIONNAIRE

(PLEASE PRINT)

REPORTING INSTITUTION: \_\_\_\_\_

NAME OF PERSON PROVIDING DATA: \_\_\_\_\_

TITLE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

Please provide the above requested information to update our current data base on enrollment reporting.

REMINDER: You are to report only the new transfer students who were admitted and registered at your institutions from Michigan postsecondary institutions for the Fall Term 1989. Report due by July 1, 1990.

PLEASE RETURN THE REPORT TO: Central Michigan University  
Registrar's Office  
Karen E. Hutslar  
Mt. Pleasant, MI 48859

IF YOU PREFER TO REPORT THE DATA VIA TELEPHONE: (517)774-7230