

SPECIAL REPORT

**GRADUATION AND PERSISTENCE RATES  
UNIVERSITY OF HAWAI'I AT MĀNOA**

A Summary of Selected Data from the  
NCHEMS/UNIVERSITY OF HAWAI'I SYSTEM  
LONGITUDINAL DATABASE PROJECT

Institutional Research Office

University of Hawai'i

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## SPECIAL REPORT

### GRADUATION AND PERSISTENCE RATES UNIVERSITY OF HAWAII AT MANOA

This special report highlights graduation and persistence rates for degree-seeking students at the University of Hawai'i at Mānoa. Data are from the NCHEMS/University of Hawai'i System Longitudinal Database Project, conducted by the National Center for Higher Education Management Systems (NCHEMS) in 1991. The database has since been updated and maintained by the University of Hawai'i Office of Information Technology Services and the Institutional Research Office.

The database for this report is a series of longitudinal cohort files for students entering UH Mānoa in Fall 1987 through Fall 1993. Academic histories for these students were compiled and updated through Fall 1994. Cohorts include only undergraduates with no previous history of attending a UH institution, thus only first-time students or transfers from non-UH campuses are included in each of Mānoa's cohorts. Transfers to Mānoa from other UH campus are not included in the cohorts.

This report focuses on the degree-seeking undergraduate students in each cohort, and includes full- and part-time students, as well as first-time and transfer students. It also includes associate degrees (though their numbers are very small) as well baccalaureate degrees in the graduation rates. As such it differs from the traditional student tracking cohort of first-time full-time baccalaureate degree-seeking undergraduates. Also, the numbers of first-time and transfer students in each cohort differ from figures found in the Management and Planning Support reports (MAPS). The former numbers are calculated by searching records back to Fall 1983 to verify that it is indeed the student's first time entry into the University of Hawai'i system, and the transfer numbers include only transfer students from non-UH institutions. The latter numbers are self-reported by the student at time of entry, and the transfer numbers include transfer students from non-UH and UH institutions.

#### Definitions

**Graduation rates** represent the proportion of students who started at Mānoa and who were awarded a degree in successive fall terms. The graduation rates are cumulative; that is, they represent the proportion of starting students who were awarded a degree in any term up to and including the term in question. **Persistence rates** represent the proportion of students who started at Mānoa and enrolled in each successive fall term. Included in the persistence rates are students who enrolled and who graduated in that term.

There are three types of graduation and persistence rates reported here. **Systemwide rates** are the proportions of students who started at Mānoa and who graduated or persisted either at Mānoa or another campus in the UH system. **Starting campus rates** are the proportions of students who started at Mānoa and graduated or persisted at Mānoa only. **Other campus rates** are the proportions of students who started at Mānoa and who graduated or persisted at another University of Hawai'i campus.

For instance in Table 4a, the *systemwide persistence rate* for the Fall 1987 cohort one year after entry is 82%, indicating 82% of the cohort was enrolled either at Mānoa or at another UH campus in Fall 1988. In Table 2b, the *starting campus graduation rate* for the Fall 1987 cohort six years after entry is 58%. This indicates that 58% of the cohort graduated from Mānoa by the end of Fall 1993.

**Average years to graduate in a six-year period** is a measure of how long it takes to graduate within a six-year period, i.e., what is the average length of time to graduation for those students graduating within six years of entry. It should not be confused with “time to degree”, i.e., what is the average length of time to graduation for those graduating in a specific term or year. The first measure tracks entering cohorts forward in time for six years. The second measure take a graduating class and tracks them back in time to determine how long each student took to graduate.

**Unless otherwise indicated, all rates below refer to systemwide rates. Graduation rates are six-year rates.**

### Graduation Rate Highlights

- On average, about 63% of degree-seeking entering students can be expected to graduate. Of the 63%, about 60% will graduate from Mānoa, and 3% will graduate at other UH campuses, predominantly from the community colleges.
- The time to graduation is well above the designed four-year period. The majority who earn a degree take about five years to do so.
- Of those graduating over a six-year period, the average number of years to graduate is 4.6. First-time students graduating with a bachelors degree expectedly take longer to graduate than transfer students, averaging 4.9 years to graduate compared with 3.2 years.
- Women outperform men in overall graduation rates by about nine percentage points, 67% to 58%, and over a six-year period, average 4.5 years to completion compared with 4.8 years for men.
- Students of Japanese and Chinese ethnic origin have the highest graduation rate averages (75% and 68% respectively), followed by those of Filipino origins (62%), while those of Hawaiian and Caucasian origins completed at lower rates (50% and 48%). Of those graduating within six years: though Japanese students have the highest graduation rates, they also take the longest to graduate, 4.8 years. Chinese and Caucasian students graduate in shorter periods of time, averaging 4.3 and 4.1 years respectively.

## Persistence Rate Highlights

- On average, about 83% of entering students return one year after entry: 80% returning to Mānoa, while about 3% enroll at other UH campuses.
- At the end of six years, an average of 12% of the students were still enrolled (9% at Mānoa, 3% enrolled elsewhere in the UH system).
- Men and women have very similar persistence rates during their first three years. From the fourth year, there are proportionately less women enrolled, in part due to their higher graduation rates.
- Students of Chinese, Japanese and Filipino ethnic origin have the highest one-year persistence rates (around 90% for Chinese and Japanese, 88% for Filipinos), followed by persistence rates for students of Hawaiian, mixed and other ethnic origins (around 80%). Caucasians have the lowest persistence rates; two-thirds return after the first year, half are enrolled after the second year, a little more than a third are enrolled at the end of the third year. By the end of year four, only a fourth are still enrolled and 30% have graduated, compared with an overall system average of 56% still enrolled and 26% graduated.

## Summary

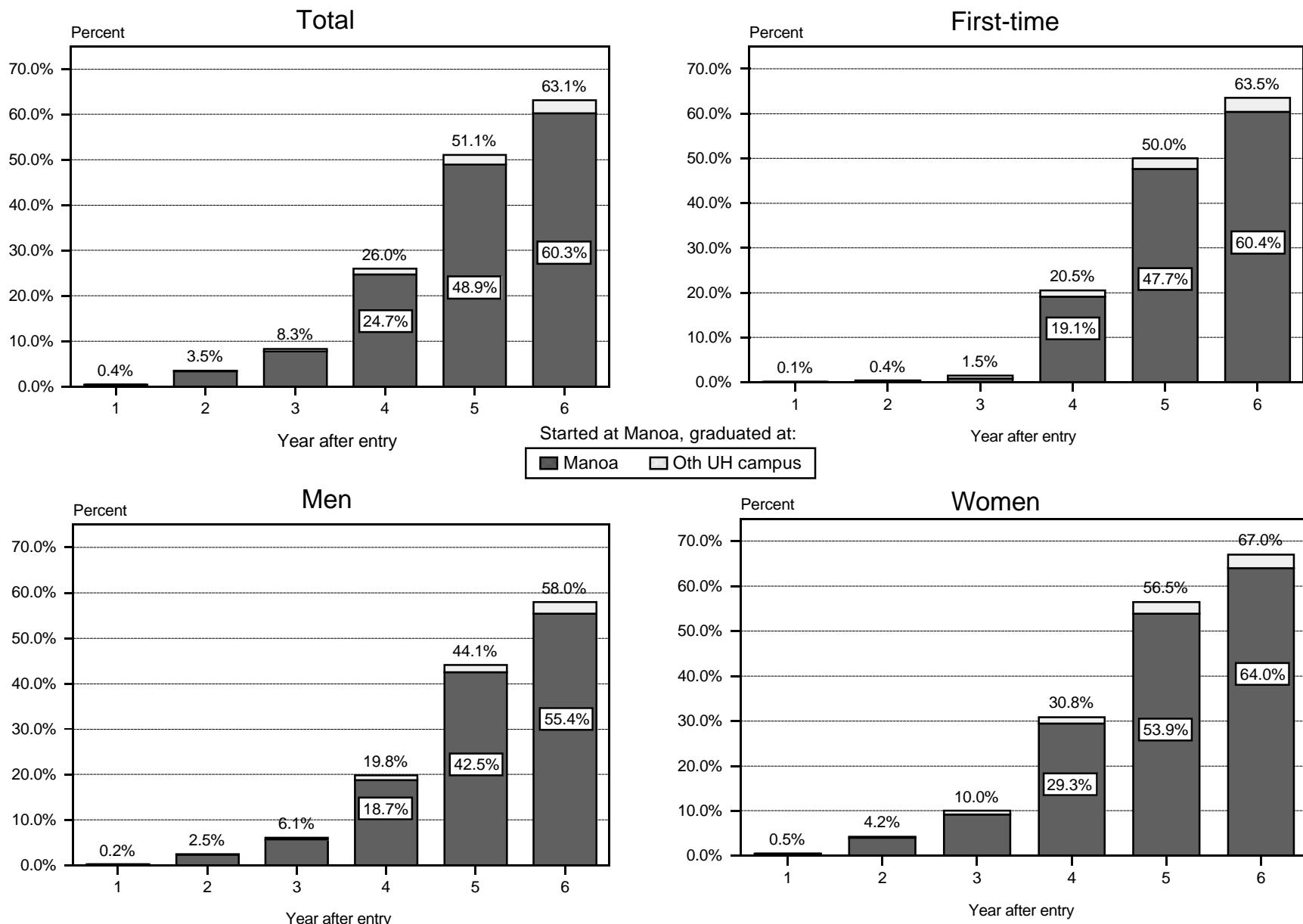
About 63% of entering students who started at Mānoa can be expected to graduate after six years. The majority who earn a degree take about five years to do so. For those who graduate within six years, the average time to graduate is 4.6 years.

About 83% of entering students re-enroll for the following year, while 12% are still enrolled at the end of six years.

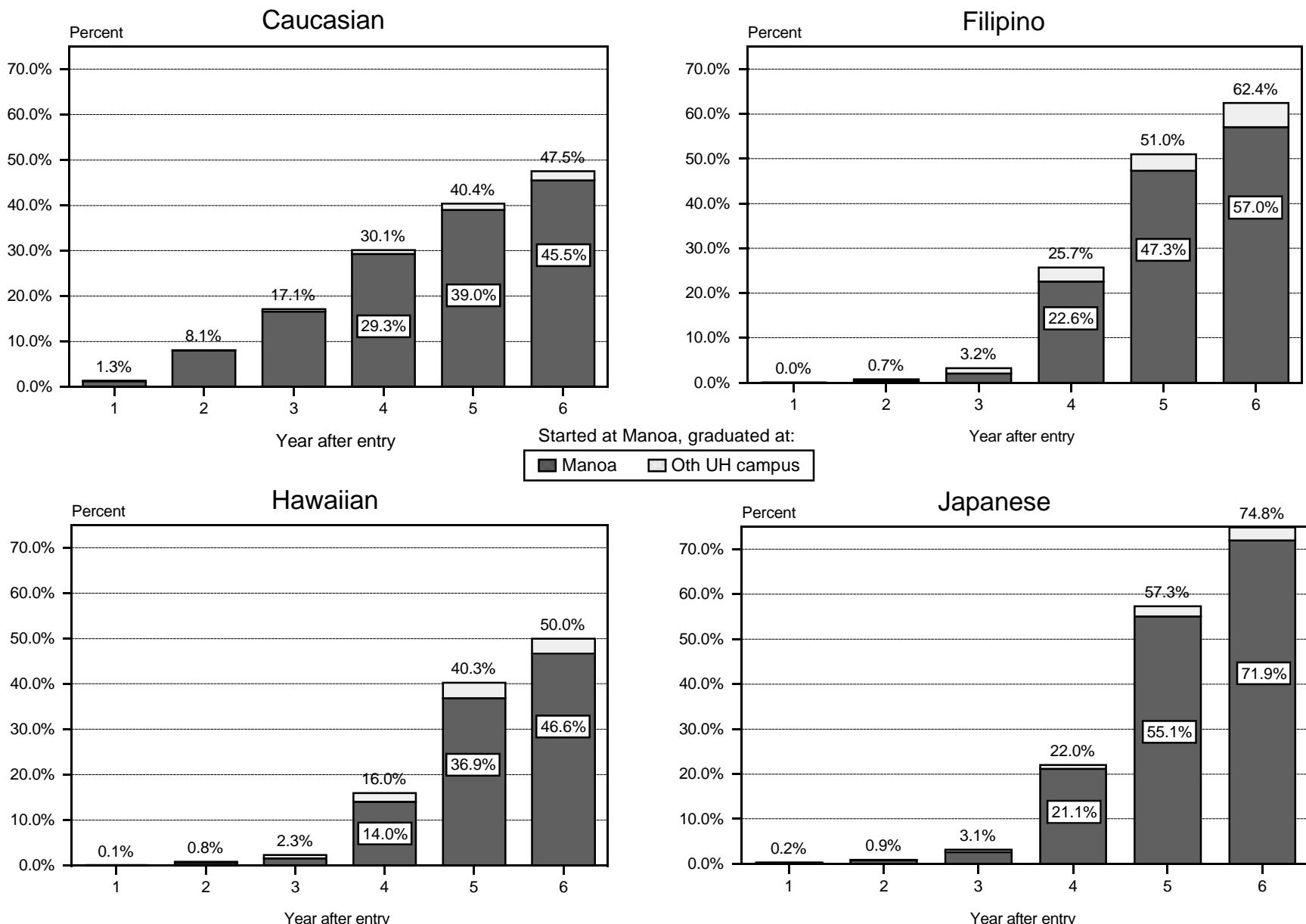
Only about 3% of the Mānoa starters eventually transfer to another UH campus. Another 3% will graduate from another UH Campus.

In general, Japanese and Chinese students have the highest persistence and graduation rates followed by students of Filipino origin. Japanese and Hawaiian students take the longest to graduate, averaging 4.8 years over a six-year period. Hawaiian students also graduate at lower rates. Caucasian students have the lowest 1-year persistence and 6-years graduation rates, but those who do graduate in 6 years take the shortest time to do so. (4.1 years).

**Figure 1A**  
**University of Hawai‘i at Manoa**  
**Average Graduation Rates, Fall 1987 to Fall 1993 cohorts, as of Fall 1994**



**Figure 1B**  
**University of Hawai‘i at Manoa**  
**Average Graduation Rates, Fall 1987 to Fall 1993 cohorts, as of Fall 1994**



**Table 1**  
**AVERAGE GRADUATION RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts, Degree-seekers only**

	Avg years to graduate in a 6-yr period	Average Graduation Rate Years after entry:					
		1	2	3	4	5	6
<b>SYSTEMWIDE RATE.....</b>	<b>4.6</b>	0.4	3.5	8.3	26.0	51.1	63.1
<b>By Registration Status:</b>							
First-time students.....	4.8	0.1	0.4	1.5	20.5	50.0	63.5
Bachelors awarded.....	4.9	0.0	0.2	0.8	18.8	47.5	60.2
Associate awarded.....	4.0	0.0	0.2	0.7	1.7	2.6	3.3
Non-UH Transfers.....	3.2	1.6	17.1	40.1	54.2	57.5	60.5
Bachelors awarded.....	3.2	1.6	17.0	39.7	53.8	56.5	59.6
Associate awarded.....	4.0	0.0	0.1	0.4	0.4	1.0	0.9
<b>By degree:</b>							
Bachelors awarded.....	4.7	0.3	3.3	7.6	24.5	48.8	60.2
Associate awarded.....	4.0	0.0	0.1	0.7	1.5	2.3	3.0
<b>By Gender:</b>							
Men.....	4.8	0.2	2.5	6.1	19.8	44.1	58.0
Women.....	4.5	0.5	4.2	10.0	30.8	56.5	67.0
<b>By Attendance Status:</b>							
Full-time.....	4.6	0.3	3.4	7.9	26.5	52.8	64.9
Part-time.....	4.4	0.5	4.2	11.0	22.6	39.9	51.1
<b>By Ethnicity:</b>							
Japanese.....	4.8	0.2	0.9	3.1	22.0	57.3	74.8
Chinese.....	4.3	0.3	8.7	20.8	42.2	62.8	68.2
Filipino.....	4.7	0.0	0.7	3.2	25.7	51.0	62.4
Hawaiian.....	4.8	0.1	0.8	2.3	16.0	40.3	50.0
Caucasian.....	4.1	1.3	8.1	17.1	30.1	40.4	47.5
Mixed.....	4.6	0.2	2.1	6.4	23.1	44.8	57.2
All Other Ethnic categories.....	4.6	0.3	3.6	7.3	24.2	49.5	59.2
<b>STARTING CAMPUS RATE.....</b>	<b>4.6</b>	0.3	3.3	7.7	24.7	48.9	60.3
<b>By Registration Status:</b>							
First-time students.....	4.8	0.0	0.2	0.9	19.1	47.7	60.4
Bachelors awarded.....	4.9	0.0	0.2	0.8	18.7	47.2	59.7
Associate awarded.....	3.8	0.0	0.0	0.1	0.4	0.5	0.7
Non-UH Transfers.....	3.1	1.6	17.0	39.6	53.5	56.2	59.1
Bachelors awarded.....	3.1	1.6	17.0	39.5	53.3	56.0	58.9
Associate awarded.....	3.0	0.0	0.0	0.1	0.2	0.3	0.2
<b>By degree:</b>							
Bachelors awarded.....	4.6	0.3	3.3	7.6	24.4	48.4	59.6
Associate awarded.....	3.8	0.0	0.0	0.1	0.4	0.5	0.7
<b>By Gender:</b>							
Men.....	4.8	0.2	2.5	5.7	18.7	42.5	55.4
Women.....	4.5	0.5	4.0	9.2	29.3	53.9	64.0

**Table 1 (cont.)**

	Avg years to graduate in a 6-yr period	Average Graduation Rate Years after entry:					
		1	2	3	4	5	6
<b>By Attendance Status:</b>							
Full-time.....	4.7	0.3	3.2	7.2	25.2	50.6	62.1
Part-time.....	4.4	0.5	4.2	10.6	21.4	37.8	48.0
<b>By Ethnicity:</b>							
Japanese.....	4.9	0.2	0.9	2.6	21.1	55.1	71.9
Chinese.....	4.3	0.3	8.7	20.5	41.6	61.7	66.7
Filipino.....	4.7	0.0	0.3	2.0	22.6	47.3	57.0
Hawaiian.....	4.8	0.1	0.6	1.6	14.0	36.9	46.6
Caucasian.....	4.1	1.2	8.0	16.7	29.3	39.0	45.5
Mixed.....	4.6	0.2	1.8	5.5	21.4	42.4	54.0
All Other Ethnic categories.....	4.6	0.3	3.6	6.8	22.8	47.4	56.3
<b>OTHER UH RATE</b>	<b>4.3</b>	0.0	0.1	0.6	1.3	2.2	2.8
<b>By Registration Status:</b>							
First-time students.....	4.3	0.0	0.1	0.6	1.4	2.3	3.1
Bachelors awarded.....	5.4	0.0	0.0	0.0	0.1	0.3	0.5
Associate awarded.....	4.1	0.0	0.1	0.6	1.3	2.0	2.5
Non-UH Transfers.....	4.5	0.0	0.1	0.4	0.7	1.3	1.4
Bachelors awarded.....	4.7	0.0	0.0	0.2	0.4	0.5	0.7
Associate awarded.....	4.3	0.0	0.1	0.3	0.3	0.8	0.7
<b>By degree:</b>							
Bachelors awarded.....	5.3	0.0	0.0	0.0	0.1	0.3	0.5
Associate awarded.....	4.1	0.0	0.1	0.6	1.2	1.8	2.3
<b>By Gender:</b>							
Men.....	4.5	0.0	0.1	0.3	1.0	1.6	2.7
Women.....	4.2	0.0	0.2	0.8	1.4	2.6	3.0
<b>By Attendance Status:</b>							
Full-time.....	4.2	0.0	0.2	0.6	1.3	2.2	2.8
Part-time.....	5.1	0.0	0.0	0.4	1.3	2.1	3.2
<b>By Ethnicity:</b>							
Japanese.....	4.5	0.0	0.1	0.5	0.9	2.2	2.9
Chinese.....	4.0	0.0	0.0	0.3	0.6	1.2	1.5
Filipino.....	4.3	0.0	0.4	1.2	3.1	3.7	5.4
Hawaiian.....	4.3	0.0	0.2	0.7	1.9	3.4	3.4
Caucasian.....	4.2	0.1	0.2	0.5	0.8	1.4	2.0
Mixed.....	3.8	0.0	0.3	0.9	1.7	2.4	3.2
All Other Ethnic categories.....	4.5	0.0	0.0	0.5	1.4	2.1	2.9

**Table 2a**  
**SYSTEMWIDE GRADUATION RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts, Degree-Seekers only**

**Table 2a (cont.)**

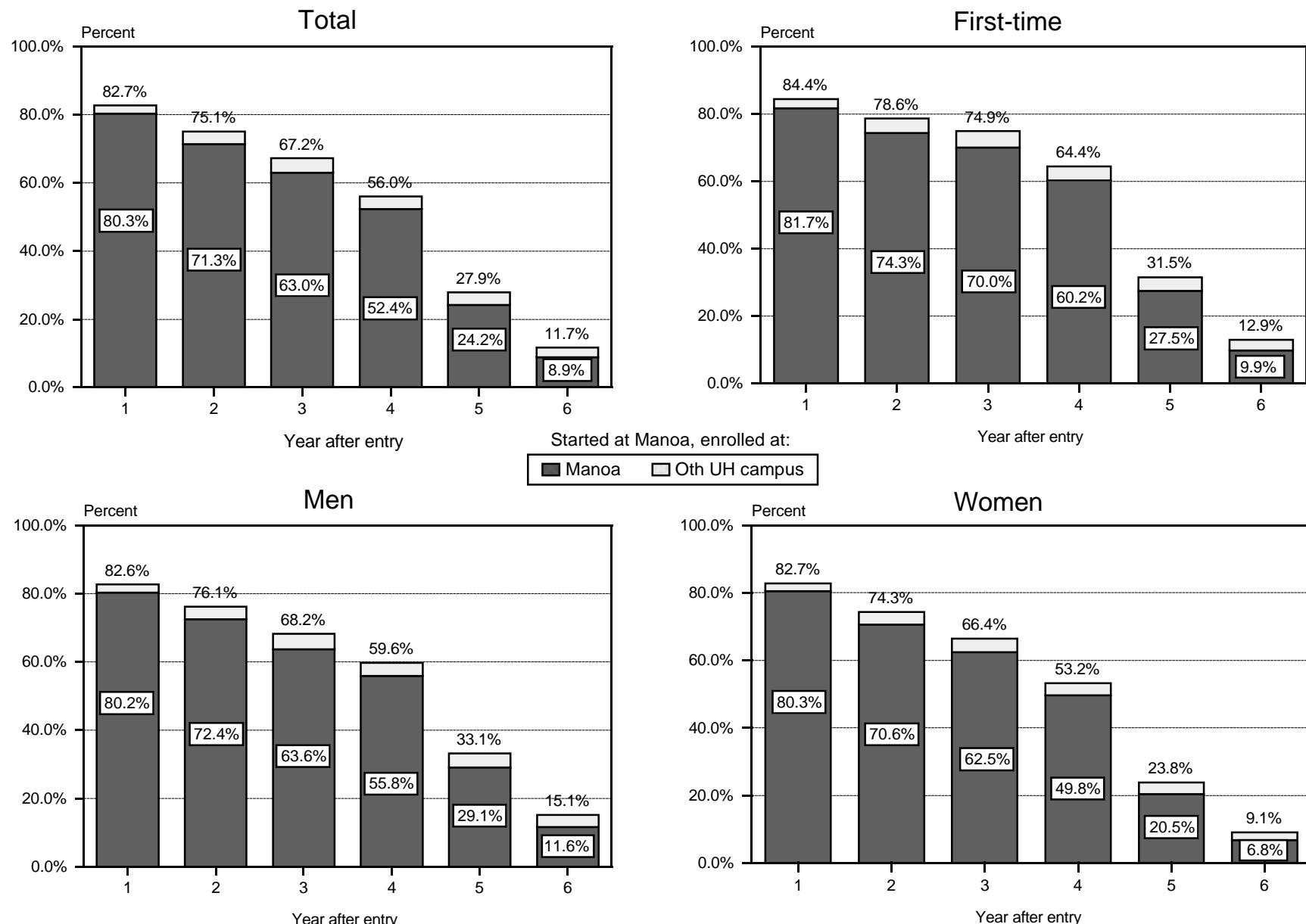
**Table 2a (cont.)**

**Table 2b**  
**STARTING CAMPUS GRADUATION RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts, Degree-Seekers only**

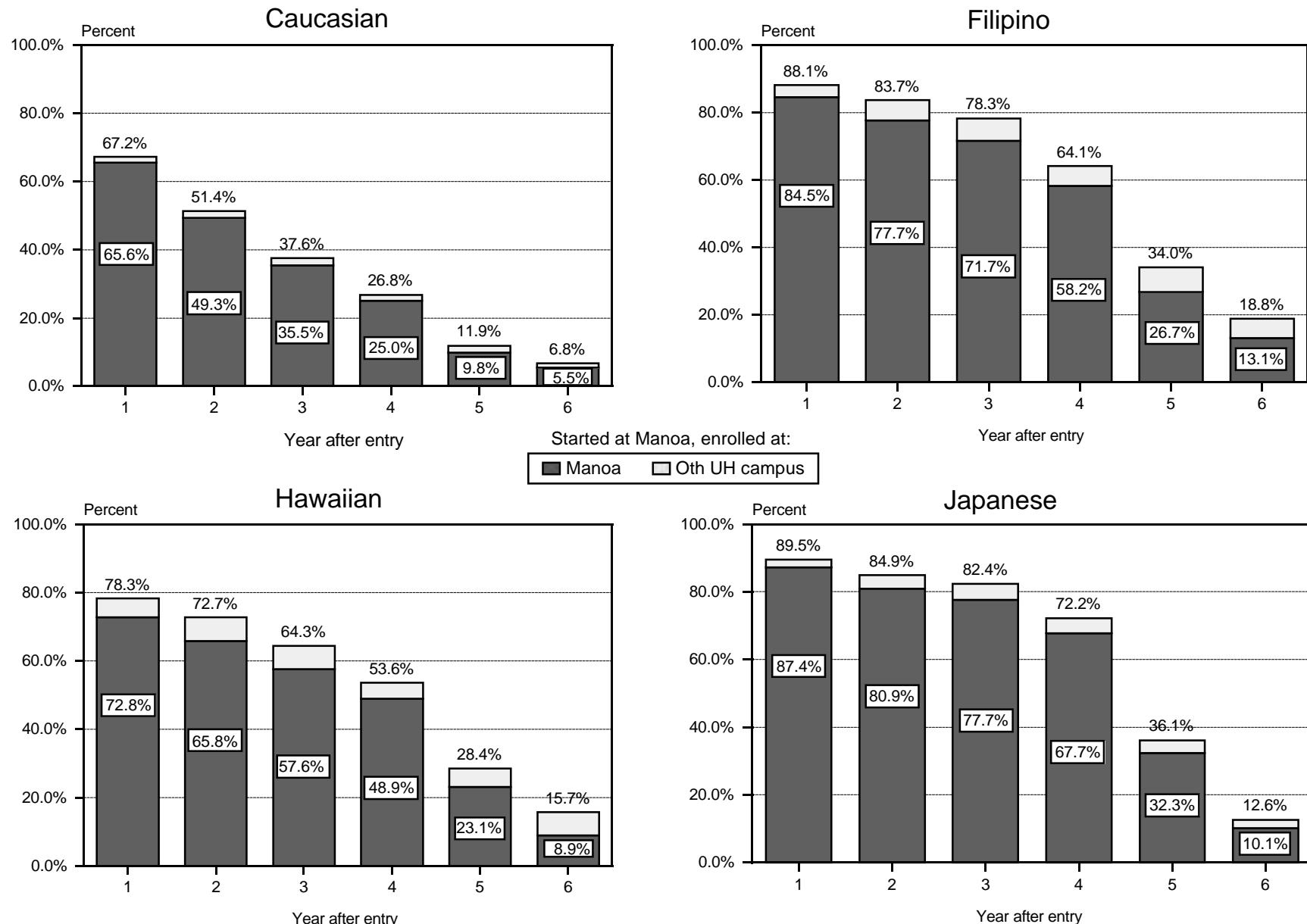
**Table 2b (cont.)**

**Table 2b (cont.)**

**Figure 2A**  
**University of Hawai‘i at Manoa**  
**Average Persistence Rates, Fall 1987 to Fall 1993 cohorts, as of Fall 1994**



**Figure 2B**  
**University of Hawai‘i at Manoa**  
**Average Persistence Rates, Fall 1987 to Fall 1993 cohorts, as of Fall 1994**



**Table 3**  
**AVERAGE PERSISTENCE RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts, Degree-seekers only**

	Average Persistence Rate Years after entry:					
	1	2	3	4	5	6
<b>SYSTEMWIDE PERSISTENCE RATE.....</b>	82.7	75.1	67.2	56.0	27.9	11.7
<b>By Registration Status:</b>						
First-time students.....	84.4	78.6	74.9	64.4	31.5	12.9
Intended degree: Bachelors.....	81.8	74.7	70.5	61.0	28.1	10.4
Intended degree: Associate.....	2.5	3.9	4.4	3.4	3.4	2.6
Non-UH Transfers.....	75.3	59.6	31.1	12.8	6.2	3.0
Intended degree: Bachelors.....	74.7	58.8	30.5	12.4	5.0	2.3
Intended degree: Associate.....	0.6	0.9	0.6	0.3	1.2	0.7
<b>By Intended Degree:</b>						
Bachelors.....	80.5	71.7	63.5	53.1	24.8	9.4
Associate.....	2.2	3.3	3.7	2.9	3.1	2.3
<b>By Gender:</b>						
Men.....	82.6	76.1	68.2	59.6	33.1	15.1
Women.....	82.7	74.3	66.4	53.2	23.8	9.1
<b>By Attendance Status:</b>						
Full-time.....	84.0	76.6	69.3	58.0	28.4	11.8
Part-time.....	73.9	65.3	54.1	42.8	24.3	10.9
<b>By Ethnicity:</b>						
Japanese.....	89.5	84.9	82.4	72.2	36.1	12.6
Chinese.....	90.0	81.8	67.6	51.9	23.0	10.4
Filipino.....	88.1	83.7	78.3	64.1	34.0	18.8
Hawaiian.....	78.3	72.7	64.3	53.6	28.4	15.7
Caucasian.....	67.2	51.4	37.6	26.8	11.9	6.8
Mixed.....	79.4	70.5	64.4	53.5	24.8	12.2
All Other Ethnic categories.....	80.5	73.9	64.1	54.3	29.3	9.4
<b>STARTING CAMPUS RATE.....</b>	80.3	71.3	63.0	52.4	24.2	8.9
<b>By Registration Status:</b>						
First-time students.....	81.7	74.3	70.0	60.2	27.5	9.9
Intended degree: Bachelors.....	81.6	74.2	69.9	60.2	27.5	9.9
Intended degree: Associate.....	0.0	0.1	0.0	0.0	0.0	0.0
Non-UH Transfers.....	74.6	58.3	30.1	12.3	4.8	2.3
Intended degree: Bachelors.....	74.5	58.2	30.1	12.3	4.8	2.3
Intended degree: Associate.....	0.1	0.1	0.0	0.0	0.0	0.0
<b>By Intended Degree:</b>						
Bachelors.....	80.2	71.3	62.9	52.4	24.2	8.9
Associate.....	0.1	0.1	0.0	0.0	0.0	0.0
<b>By Gender:</b>						
Men.....	80.2	72.4	63.6	55.8	29.1	11.6
Women.....	80.3	70.6	62.5	49.8	20.5	6.8

**Table 3 (cont.)**

	Average Persistence Rate Years after entry:					
	1	2	3	4	5	6
<b>By Attendance Status:</b>						
Full-time.....	81.8	73.1	65.1	54.5	24.8	9.3
Part-time.....	70.8	60.7	49.4	38.7	20.4	6.6
<b>By Ethnicity:</b>						
Japanese.....	87.4	80.9	77.7	67.7	32.3	10.1
Chinese.....	89.1	79.7	65.6	50.0	20.8	9.2
Filipino.....	84.5	77.7	71.7	58.2	26.7	13.1
Hawaiian.....	72.8	65.8	57.6	48.9	23.1	8.9
Caucasian.....	65.6	49.3	35.5	25.0	9.8	5.5
Mixed.....	77.0	66.4	59.5	49.5	21.4	9.0
All Other Ethnic categories.....	78.4	71.1	60.1	51.6	25.7	7.2
<b>OTHER UH RATE</b>						
	2.4	3.7	4.2	3.6	3.7	2.8
<b>By Registration Status:</b>						
First-time students.....	2.7	4.3	4.9	4.2	4.1	3.1
Intended degree: Bachelors.....	0.2	0.5	0.6	0.9	0.7	0.5
Intended degree: Associate.....	2.5	3.8	4.3	3.4	3.4	2.6
Non-UH Transfers.....	0.8	1.3	0.9	0.5	1.4	0.7
Intended degree: Bachelors.....	0.2	0.5	0.4	0.2	0.3	0.0
Intended degree: Associate.....	0.6	0.8	0.6	0.3	1.2	0.7
<b>By Intended Degree:</b>						
Bachelors.....	0.2	0.5	0.6	0.7	0.6	0.4
Associate.....	2.1	3.3	3.7	2.9	3.1	2.3
<b>By Gender:</b>						
Men.....	2.4	3.7	4.6	3.8	4.1	3.5
Women.....	2.3	3.7	4.0	3.5	3.4	2.2
<b>By Attendance Status:</b>						
Full-time.....	2.2	3.6	4.2	3.5	3.6	2.5
Part-time.....	3.2	4.6	4.7	4.1	3.9	4.3
<b>By Ethnicity:</b>						
Japanese.....	2.2	3.9	4.7	4.5	3.8	2.6
Chinese.....	0.9	2.1	2.1	1.9	2.1	1.2
Filipino.....	3.6	6.0	6.7	5.9	7.3	5.7
Hawaiian.....	5.5	6.9	6.7	4.7	5.3	6.8
Caucasian.....	1.7	2.1	2.1	1.7	2.1	1.3
Mixed.....	2.3	4.1	4.9	4.1	3.3	3.2
All Other Ethnic categories.....	2.0	2.8	4.0	2.7	3.6	2.2

**Table 4a**  
**PERSISTENCE RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts. Degree-Seekers only**

**Table 4a (cont.)**

**Table 4a (cont.)**

Systemwide Persistence Rate	TOTAL	Avg Persistence Rate Years after entry							
		1		2		3		4	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
Mixed			79.4		70.5		64.4		53.5
Fall 1987.....	139	110	79.1	91	65.5	85	61.2	73	52.5
Fall 1988.....	172	133	77.3	117	68.0	117	68.0	97	56.4
Fall 1989.....	198	143	72.2	138	69.7	120	60.6	105	53.0
Fall 1990.....	128	111	86.7	99	77.3	94	73.4	66	51.6
Fall 1991.....	160	128	80.0	110	68.8	97	60.6		
Fall 1992.....	185	150	81.1	137	74.1				
Fall 1993.....	181	148	81.8						
All Other Ethnic categories			80.5		73.9		64.1		54.3
Fall 1987.....	185	150	81.1	135	73.0	127	68.6	111	60.0
Fall 1988.....	229	183	79.9	161	70.3	145	63.3	121	52.8
Fall 1989.....	255	205	80.4	194	76.1	171	67.1	134	52.5
Fall 1990.....	185	155	83.8	141	76.2	120	64.9	98	53.0
Fall 1991.....	343	256	74.6	254	74.1	204	59.5		
Fall 1992.....	334	284	85.0	246	73.7				
Fall 1993.....	357	286	80.1						

**Table 4b**  
**PERSISTENCE RATES - as of Fall 1994**  
**University of Hawai'i at Manoa**  
**Fall 1987 to Fall 1993 Cohorts, Degree-Seekers only**

Starting Campus	TOTAL	Years after entry						
		1 No.	1 Rate	2 No.	2 Rate	4 No.	4 Rate	5 No.
<b>MANOA RATE:</b>								
Fall 1987.....	1,529	1,214	80.3 79.4	1,057	71.3 69.1	959	63.0 62.7	834
Fall 1988.....	1,945	1,544	79.4	1,359	69.9	1,254	64.5	1,053
Fall 1989.....	1,966	1,517	77.2	1,392	70.8	1,211	61.6	990
Fall 1990.....	1,632	1,380	84.6	1,242	76.1	1,066	65.3	828
Fall 1991.....	1,995	1,540	77.2	1,397	70.0	1,220	61.2	
Fall 1992.....	2,009	1,678	83.5	1,455	72.4			
Fall 1993.....	2,029	1,650	81.3					
<b>By Reg Status:</b>								
First-time								
Fall 1987.....	1,393	1,119	81.7 80.3	985	74.3 70.7	918	70.0 65.9	815
Fall 1988.....	1,648	1,334	80.9	1,189	72.1	1,177	71.4	1,020
Fall 1989.....	1,622	1,271	78.4	1,199	73.9	1,110	68.4	949
Fall 1990.....	1,258	1,095	87.0	1,019	81.0	946	75.2	780
Fall 1991.....	1,552	1,233	79.4	1,133	73.0	1,079	69.5	
Fall 1992.....	1,547	1,302	84.2	1,178	76.1			
Fall 1993.....	1,574	1,297	82.4					
Non-UH Transfers								
Fall 1987.....	136	95	74.6 69.9	72	58.3 52.9	41	30.1 30.1	19
Fall 1988.....	297	210	70.7	170	57.2	77	25.9	33
Fall 1989.....	344	246	71.5	193	56.1	101	29.4	41
Fall 1990.....	374	285	76.2	223	59.6	120	32.1	48
Fall 1991.....	443	307	69.3	264	59.6	141	31.8	
Fall 1992.....	462	376	81.4	277	60.0			
Fall 1993.....	455	353	77.6					
<b>By degree:</b>								
Bachelors awarded								
Fall 1987.....	1,529	1,213	80.2 79.3	1,051	71.3 68.7	959	62.9 62.7	833
Fall 1988.....	1,945	1,539	79.1	1,358	69.8	1,251	64.3	1,053
Fall 1989.....	1,966	1,516	77.1	1,389	70.7	1,211	61.6	990
Fall 1990.....	1,632	1,380	84.6	1,242	76.1	1,066	65.3	828
Fall 1991.....	1,995	1,540	77.2	1,397	70.0	1,220	61.2	
Fall 1992.....	2,009	1,678	83.5	1,455	72.4			
Fall 1993.....	2,029	1,650	81.3					
Associate awarded								
Fall 1987.....	1,529	1	0.1	6	0.1			
Fall 1988.....	1,945	5	0.3	1	0.1			
Fall 1989.....	1,966	1	0.1	3	0.2			
Fall 1990.....	1,632							
Fall 1991.....	1,995							
Fall 1992.....	2,009							
Fall 1993.....	2,029							
<b>By Gender:</b>								
Men								
Fall 1987.....	681	533	80.2 78.3	473	72.4 69.5	424	63.6 62.3	384
Fall 1988.....	822	663	80.7	599	72.9	554	67.4	481
Fall 1989.....	867	659	76.0	622	71.7	532	61.4	453
Fall 1990.....	698	594	85.1	544	77.9	477	68.3	395
Fall 1991.....	890	679	76.3	619	69.6	531	59.7	
Fall 1992.....	914	767	83.9	668	73.1			
Fall 1993.....	857	702	81.9					
Women								
Fall 1987.....	848	681	80.3 80.3	584	70.6 68.9	535	62.5 63.1	450
Fall 1988.....	1,123	881	78.5	760	67.7	700	62.3	572
Fall 1989.....	1,099	858	78.1	770	70.1	679	61.8	537
Fall 1990.....	934	786	84.2	698	74.7	589	63.1	433
Fall 1991.....	1,105	861	77.9	778	70.4	689	62.4	
Fall 1992.....	1,095	911	83.2	787	71.9			
Fall 1993.....	1,172	948	80.9					

**Table 4b (cont.)**

**Table 4b (cont.)**

Starting Campus Persistence Rate	TOTAL	Avg Persistence Rate Years after entry							
Mixed		77.0	66.4	59.5	49.5	21.4			9.0
Fall 1987.....	139	106	76.3	86	61.9	81	58.3	71	51.1
Fall 1988.....	172	126	73.3	106	61.6	104	60.5	91	52.9
Fall 1989.....	198	140	70.7	129	65.2	112	56.6	94	47.5
Fall 1990.....	128	108	84.4	95	74.2	85	66.4	59	46.1
Fall 1991.....	160	122	76.3	103	64.4	92	57.5		
Fall 1992.....	185	150	81.1	133	71.9				
Fall 1993.....	181	144	79.6						
All Other Ethnic categories		78.4	71.1	60.1	51.6	25.7			7.2
Fall 1987.....	185	144	77.8	129	69.7	116	62.7	104	56.2
Fall 1988.....	229	180	78.6	155	67.7	139	60.7	115	50.2
Fall 1989.....	255	198	77.6	186	72.9	155	60.8	126	49.4
Fall 1990.....	185	152	82.2	138	74.6	117	63.2	96	51.9
Fall 1991.....	343	248	72.3	243	70.8	192	56.0		
Fall 1992.....	334	277	82.9	237	71.0				
Fall 1993.....	357	282	79.0						