

**GRADUATION AND RETENTION RATES**  
**PEER AND BENCHMARK GROUP COMPARISONS**  
**UNIVERSITY OF HAWAI'I AT HILO**  
**FALL 1994 TO FALL 2006 COHORTS**  
**AS OF 2007**

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PEER AND BENCHMARK GROUP COMPARISONS  
UNIVERSITY OF HAWAI'I AT HILO  
FALL 1994 TO FALL 2006 COHORTS, AS OF 2007**

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**GRADUATION AND RETENTION RATES  
PEER AND BENCHMARK GROUP COMPARISONS  
UNIVERSITY OF HAWAI'I AT HILO  
FALL 1994 TO FALL 2006, AS OF 2007**

This report summarizes data provided through the Consortium for Student Retention Data Exchange (CSRDE) and compares graduation and retention rates at the University of Hawai'i at Hilo with rates at its peer and benchmark institutions, and consortium institutions. It is coordinated by the Center for Institutional Data Exchange and Analysis (C-IDEA) at the College of Continuing Education, University of Oklahoma.

Consortium members provide graduation and retention rates, which entitles them to an annual report which can be used as a reference guide for benchmarking. Each consortium member is also entitled to individualized reports consisting of self-identified peers.

Using data from CSRDE, this report looks at three rates:

- **Retention/Continuation Rate:** The percentage of first-time freshmen in a given fall semester who returned to the institution in a subsequent fall semester.
- **Graduation Rate:** The cumulative percentage of first-time freshmen in a given fall semester who graduated within a designated period of time, measured as of the summer term.
- **Success Rate:** The percentage of first-time freshmen in a given fall semester who have either graduated or are still enrolled. The success rate is calculated by adding the graduation and continuation rates together.

Using these three rates, the University of Hawai'i at Hilo is compared with its benchmark and peer group institutions, and against 441 CSRDE member institutions who provided data for the 2007-2008 CSRDE report. It should be noted that there was no information for 5 out of 14 of Hilo's benchmark institutions (36%), and 6 out of 16 of its peer institutions (38%). Therefore, this report compares Hilo against 64% of its benchmark institutions and 62% of its peer institutions.

Appendix 1 shows which schools are included in Hilo's peer and benchmark groups, as well as graduation, retention, and success rate data for their Fall 2001 cohort.

Due to differing methodologies and databases, the data reported here differ from previously reported data from the NCHEMS/University of Hawai'i Longitudinal Database Project.

### **Graduation and Success Rates**

Hilo's average six-year graduation rate is currently at 32%, 15 percentage points lower than the benchmark average of 47% and 3 percentage point lower than the peer group average of 35%.

Hilo's average six-year success rate is estimated at 39%. This is slightly lower than its peer group average of 41%, and 12 percentage points lower than its benchmark group rate of 51%. Hilo's six-year success rate is also 23 percentage points lower than the CSRDE success rate of 62%.

Caucasians and non-resident aliens have the highest average six-year graduation rates at Hilo (33%). Women have higher rates than men, 35% compared to 27%.

### **Retention Rates**

Freshmen year is the most crucial period in student retention. At Hilo, an average of 61% of the starting cohort of students drop out within a six-year period: 40% in the first year, 15% in the second year, and slightly more than 6% in the third year or later. Of those dropping out, half drop out in their freshmen year. A similar pattern can be seen in data for peer, benchmark, and CSRDE groups.

Hilo's one-year retention rate is 63%, compared to 75% for the benchmark group and 68% for the peer group.

Women have a higher one-year retention rate than men, 65% compared with 60%. Asian and non-resident aliens have the highest first-year retention rates, 66% and 72% respectively.

### **Summary**

- Hilo's average six-year graduation rate is 32%.
- Hilo's average six-year graduation rate is lower than its benchmark group, and slightly lower than its peer group. A similar pattern can be seen in six-year success rates.
- An average of 63% of Hilo's students return for their second year.
- The first year is the crucial period in student retention. Over half the dropouts do so in their freshmen year.
- Caucasians and non-resident aliens have the highest average six-year graduation rates. Asian and non-resident aliens have the highest average first-year retention rates.
- Women have higher graduation and retention rates than men.

# University of Hawai'i at Hilo - Cohort Graduation and Retention Rates

Figure 1  
UH Hilo Retention Rates  
1 year after entry

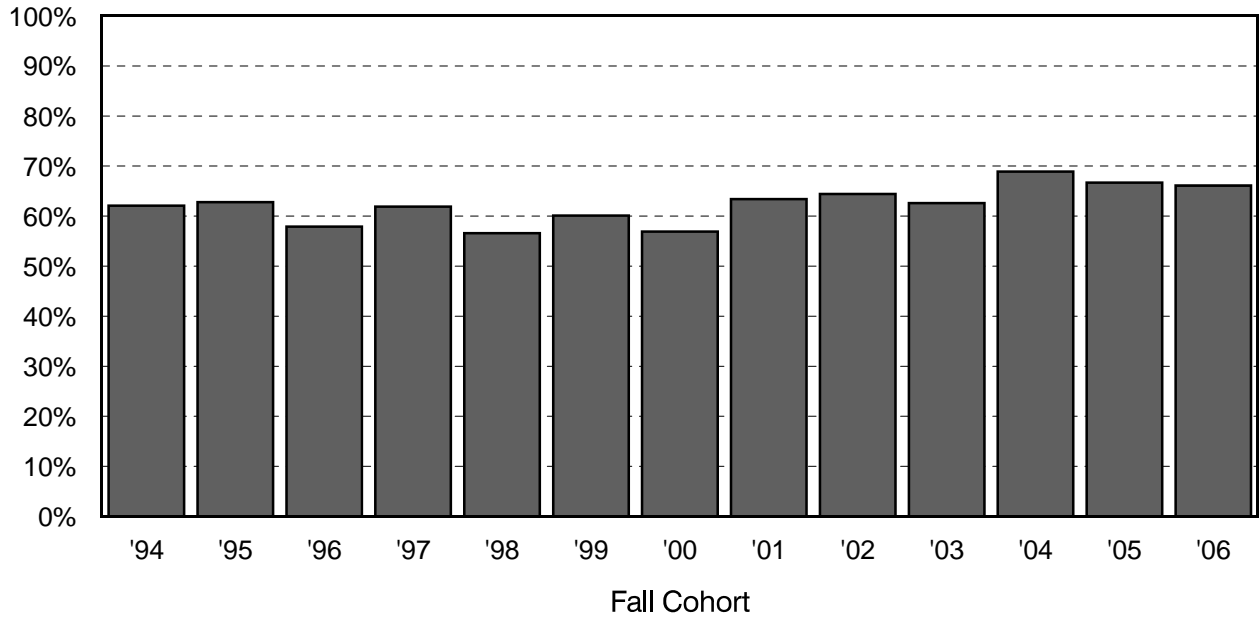
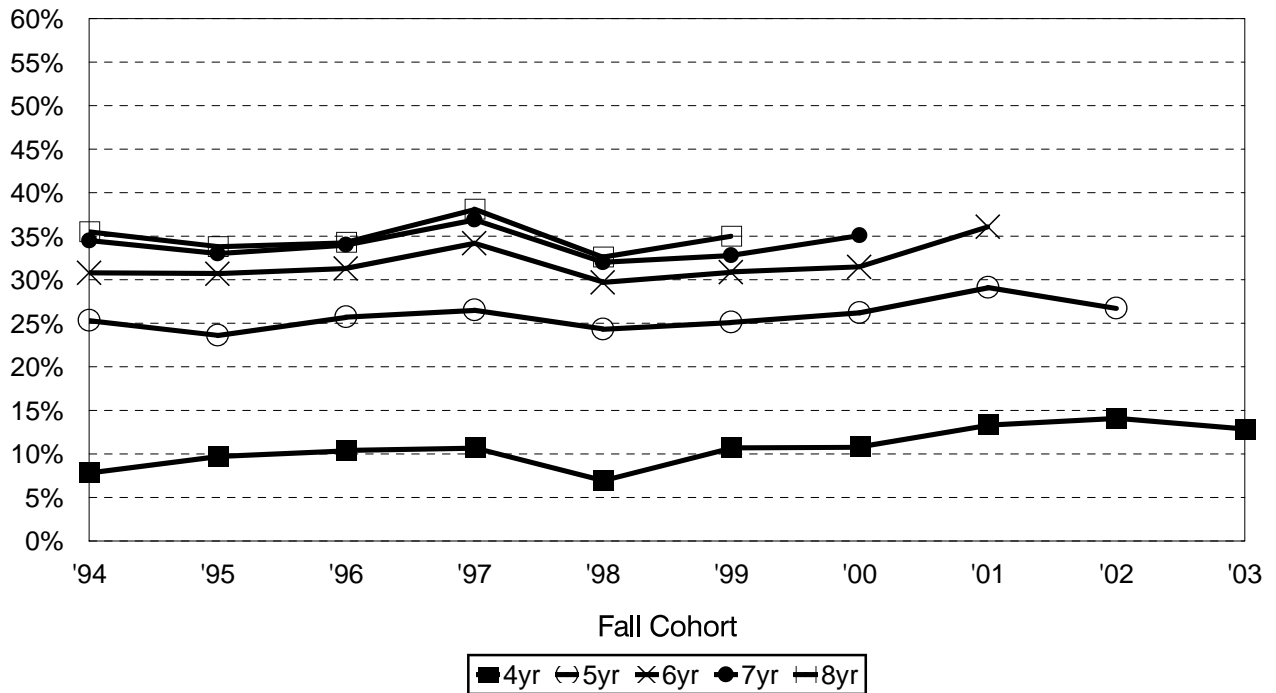


Figure 2  
UH Hilo Graduation Rates



# University of Hawai'i at Hilo - Average Graduation and Retention Rates Fall 1994 to Fall 2006 Cohorts

Figure 3  
First Year Retention Rate

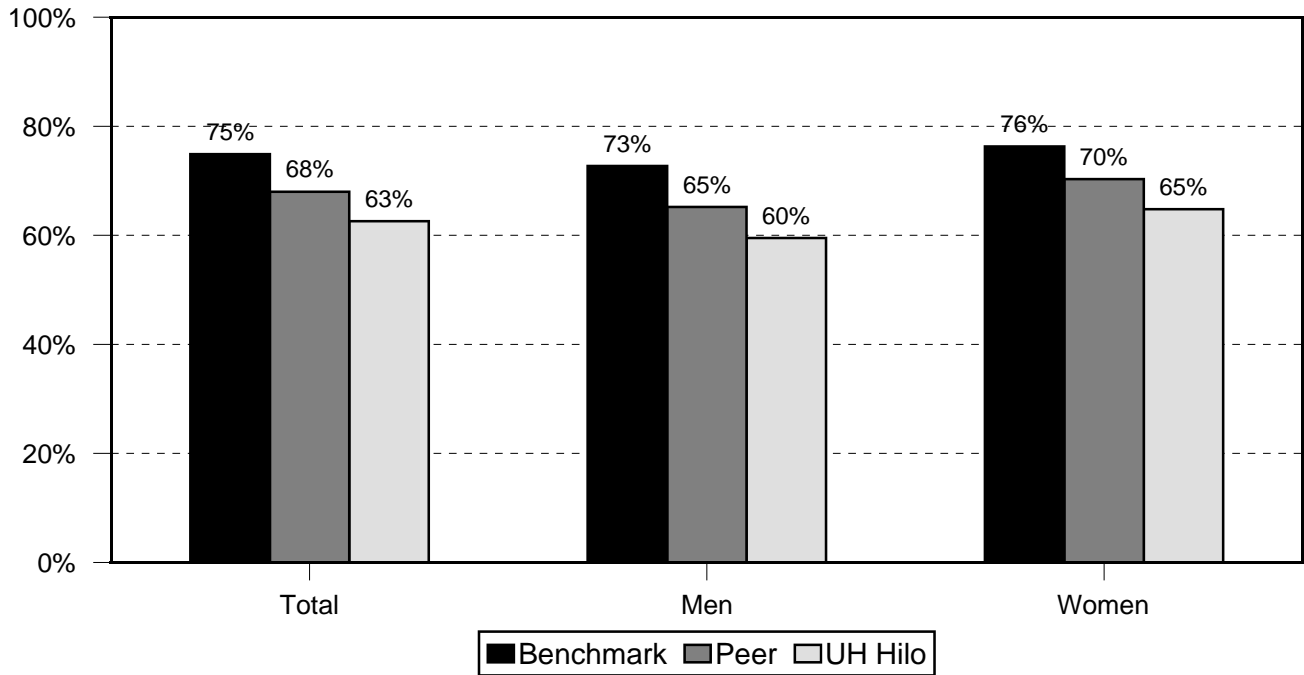
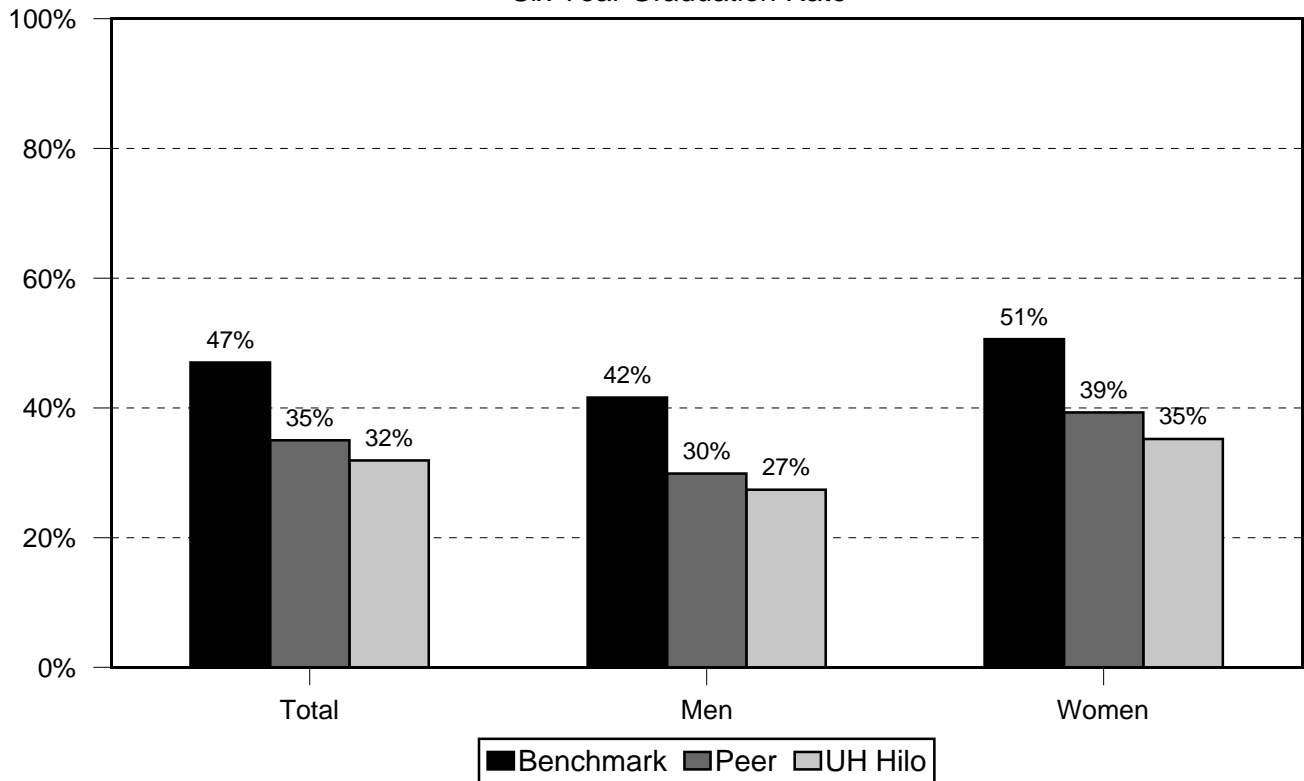


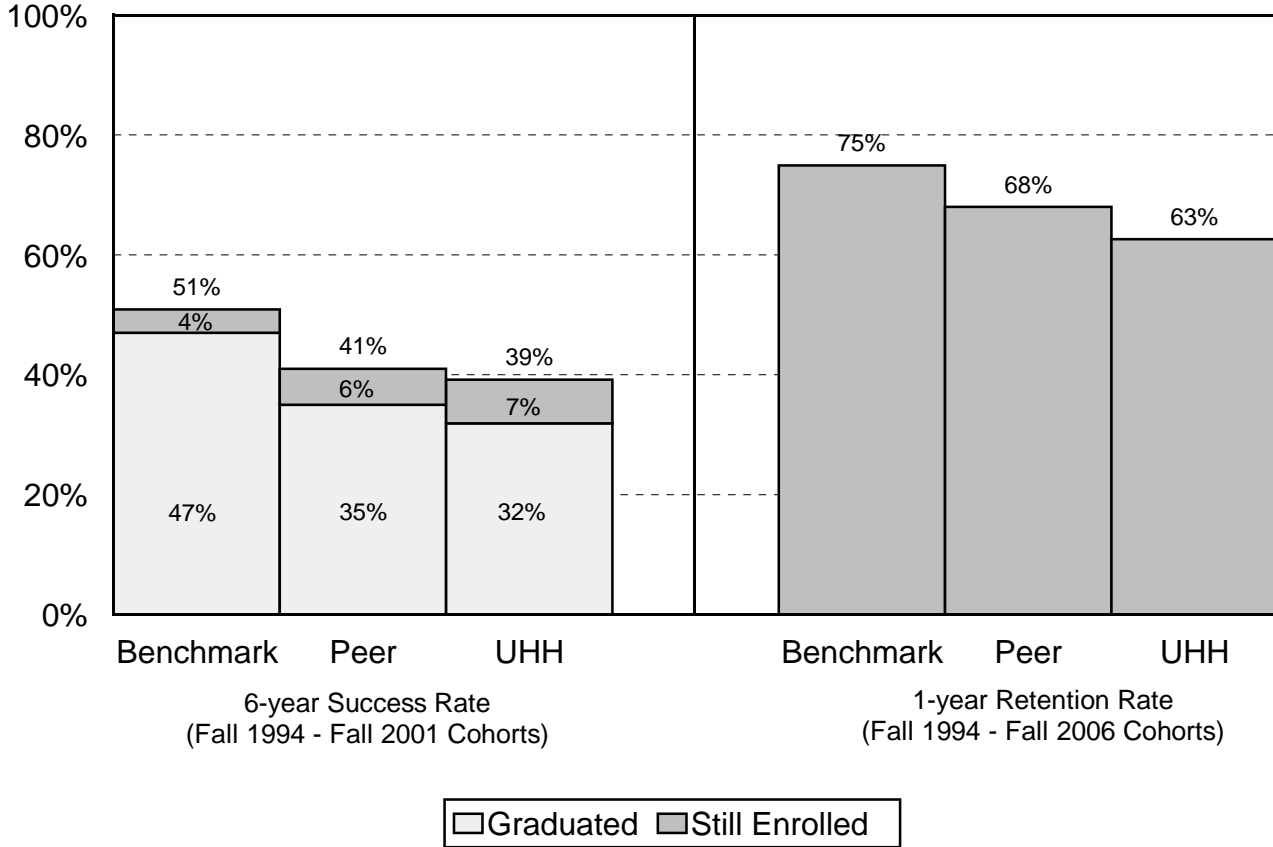
Figure 4  
Six Year Graduation Rate



## University of Hawai'i at Hilo - Average 6-Year Success Rates UH Hilo Peer, and Benchmark Groups

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Figure 5



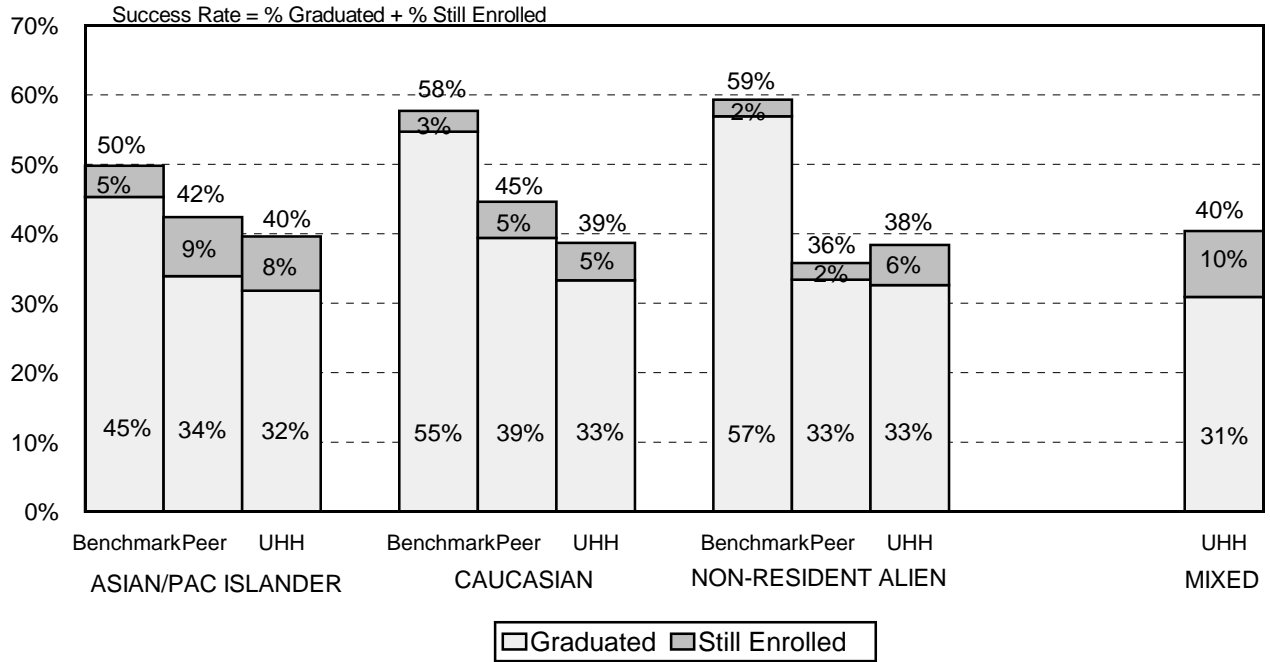
6-Year Success Rate = 6yr Graduation Rate + 6yr Retention Rate

Note: Totals may not sum due to rounding.

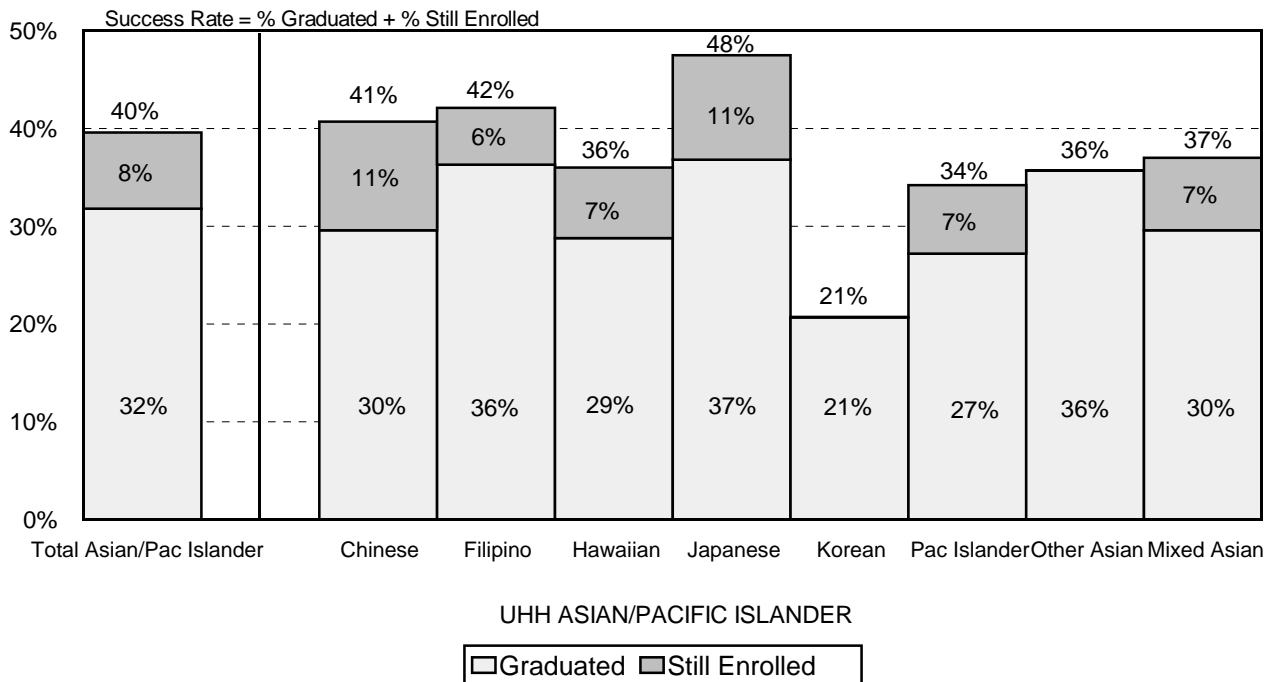


# University of Hawai'i at Hilo - Success Rates as Measured by 6-year Graduation and Retention Rates Fall 1994 to Fall 2001 Cohorts

**Figure 6**  
Success Rates by Ethnicity



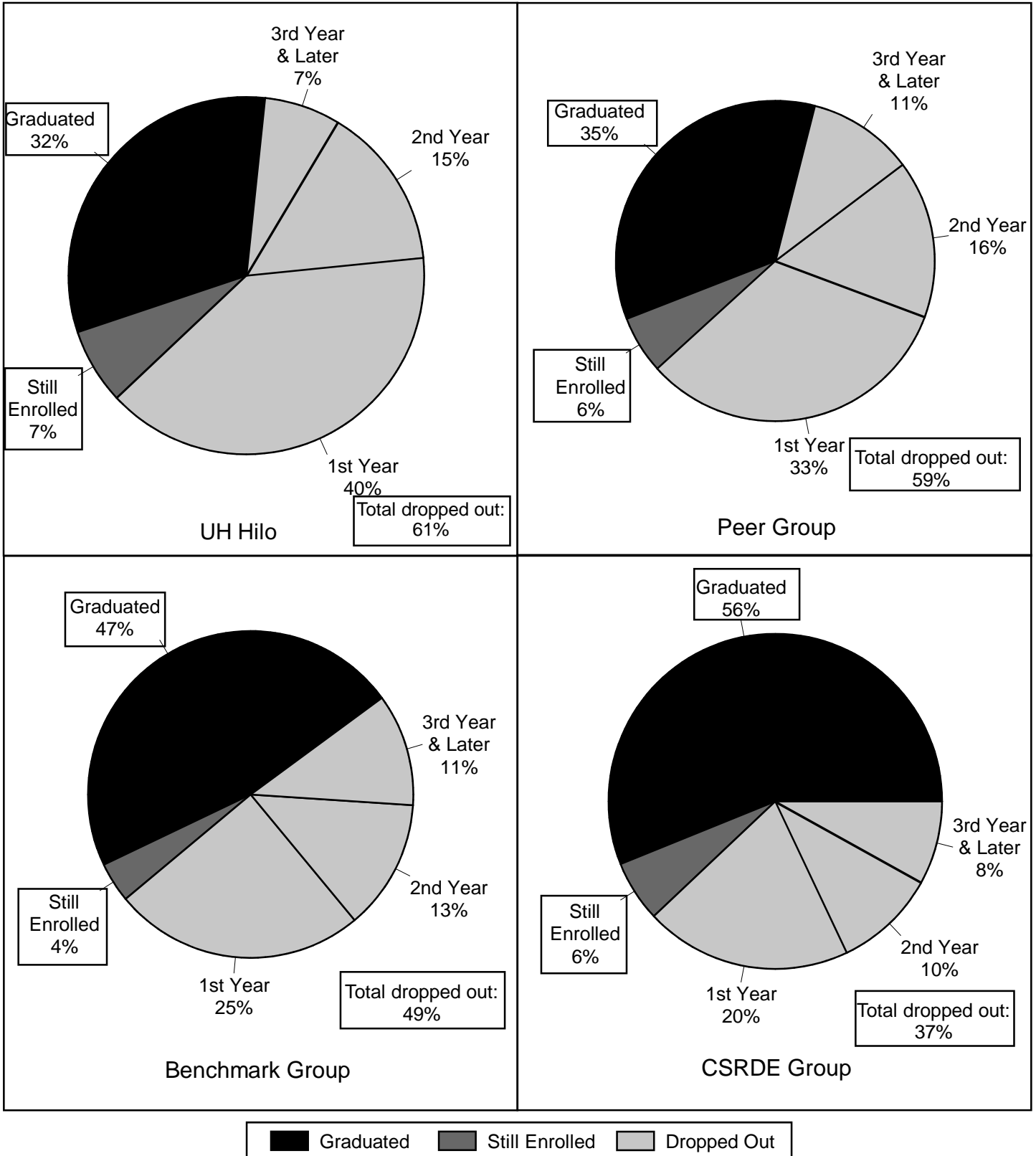
**Figure 7**  
UHH Asian/Pacific Islanders



Note: Totals may not sum due to rounding.

University of Hawai'i at Hilo - Fall 1994 to Fall 2001 Cohorts After Six Years

Figure 8



Note: Totals may not sum due to rounding.

TABLE 1  
GRADUATION AND RETENTION RATES OF FIRST-TIME FRESHMEN  
UNIVERSITY OF HAWAI'I AT HILO AND ITS PEER AND BENCHMARK INSTITUTIONS  
FALL 1994 TO FALL 2006, AS OF 2007

Cohort Year	Headcount	RETENTION RATES		CUMULATIVE GRADUATION AND CONTINUATION RATES 1/												SUCCESS RATES								
		After 1 year	After 2 years	Within 4 Years		Within 5 Years		Within 6 Years		Within 7 Years		Within 8 Years		Within 9 Years		Within 10 Years		4yr	5yr	6yr	7yr	8yr	9yr	10yr
				Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd							
UH HILO																								
1994	383	62.1	46.5	7.8	32.6	25.3	15.1	30.8	6.0	34.5	3.7	35.5	2.6	35.5	2.9	35.8	2.6	40.4	40.4	36.8	38.2	38.1	38.4	38.4
1995	352	62.8	45.7	9.7	31.3	23.6	14.5	30.7	7.4	33.0	4.3	33.8	4.0	34.7	2.6	34.9	2.0	41.0	38.1	38.1	37.3	37.8	37.3	36.9
1996	335	57.9	43.3	10.4	26.9	25.7	10.4	31.3	6.3	34.0	2.7	34.3	4.2	35.2	3.6	35.5	2.7	37.3	36.1	37.6	36.7	38.5	38.8	38.2
1997	336	61.9	46.7	10.7	30.1	26.5	15.8	34.2	7.4	36.9	5.4	38.1	4.5	38.4	4.8	39.6	3.3	40.8	42.3	41.6	42.3	42.6	43.2	42.9
1998	350	56.6	46.6	6.9	30.9	24.3	12.3	29.7	7.7	32.0	5.4	32.6	3.4	33.1	3.7			37.8	36.6	37.4	37.4	36.0	36.8	
1999	366	60.1	42.3	10.7	30.6	25.1	13.7	30.9	7.9	32.8	6.0	35.0	5.5					41.3	38.8	38.8	38.8	40.5		
2000	362	56.9	44.2	10.8	32.6	26.2	17.4	31.5	9.9	35.1	6.6							43.4	43.6	41.4	41.7			
2001	399	63.4	50.6	13.3	29.8	29.1	13.5	36.1	6.0									43.1	42.6	42.1				
2002	404	64.4	45.8	14.1	28.0	26.7	13.6											42.1	40.3					
2003	423	62.6	44.9	12.8	26.2													39.0						
2004	412	68.9	49.0																					
2005	417	66.7	54.2																					
2006	440	66.1																						
Benchmark Average																								
1994	4,749	75.2	61.0	25.9	25.8	41.7	7.7	45.7	3.3									51.7	49.4	49.0				
1995	5,407	74.0	60.7	24.2	28.1	41.5	8.5	46.3	3.4									52.3	50.0	49.7				
1996	5,884	74.8	61.0	25.6	27.5	43.1	8.3	46.5	3.9									53.1	51.4	50.4				
1997	6,165	75.1	62.3	24.0	29.9	42.1	9.6	48.1	3.8									53.9	51.7	51.9				
1998	6,093	75.5	61.5	21.7	31.4	41.6	9.9	47.1	4.0									53.1	51.5	51.1				
1999	5,666	75.3	62.9	23.4	31.2	41.8	11.2	47.9	4.3									54.6	53.0	52.2				
2000	6,171	74.3	61.1	21.2	31.6	40.1	10.9	45.8	4.4									52.8	51.0	50.2				
2001	5,669	75.6	64.2	25.5	30.6	43.3	10.1	48.6	4.4									56.1	53.4	53.0				
2002	6,926	75.0	62.8	22.2	31.0	40.4	11.0											53.2	51.4					
2003	7,140	75.6	64.0	21.9	32.1													54.0						
2004	7,072	74.7	60.6																					
2005	6,847	74.5	62.8																					
2006	7,668	72.0																						
Peer Average																								
1994	3,245	65.2	47.1	11.9	25.7	25.7	11.9	29.3	8.2									37.6	37.6	37.5				
1995	3,291	66.1	50.0	13.3	27.1	26.2	13.2	31.7	6.3									40.4	39.4	38.0				
1996	4,441	68.5	51.4	14.8	28.1	28.8	12.6	34.8	5.0									42.9	41.4	39.8				
1997	3,437	67.9	53.0	15.9	28.9	31.5	12.0	37.0	5.8									44.8	43.5	42.8				
1998	4,811	67.8	51.7	15.0	30.1	31.0	12.0	36.4	6.5									45.1	43.0	42.9				
1999	5,046	65.6	51.4	15.5	27.4	29.5	11.8	34.9	5.7									42.9	41.3	40.6				
2000	5,680	67.2	53.1	16.5	27.9	31.0	11.5	36.1	5.9									44.4	42.5	42.0				
2001	5,817	69.0	54.6	20.8	25.5	34.4	10.4	39.8	4.9									46.3	44.8	44.7				
2002	4,483	69.9	55.8	16.8	27.9	35.6	9.6											44.7	45.2					
2003	6,605	69.6	53.3	20.1	26.6													46.7						
2004	7,030	65.3	51.1																					
2005	7,450	67.1	55.8																					
2006	7,283	70.0																						

Note: Graduation rates are as of summer term, retention/continuation rates are as of Fall census. Success rate = graduation rate + continuation rate. Peer and benchmark data do not include UH Hilo. CSRDE updates cohort percentages annually. Therefore, figures shown here may not tie to those published in previous MAPS reports.

1/ Graduation and retention rates beyond six years are not available for peer or benchmark institutions.

Sources: CSRDE Retention Surveys; CSRDE Report, Retention and Graduation Rates of Selected Peer Institutions; University of Hawai'i at Hilo.

TABLE 2  
 AVERAGE GRADUATION AND RETENTION RATES, BY GENDER AND ETHNICITY  
 UNIVERSITY OF HAWAII AT HILO AND ITS PEER AND BENCHMARK INSTITUTIONS  
 FALL 1994 TO FALL 2006, AS OF 2007

Gender/Ethnicity Groups	RETENTION RATES		CUMULATIVE GRADUATION AND CONTINUATION RATES												SUCCESS RATE								
	After 1 year	After 2 years	Within 4 Years		Within 5 Years		Within 6 Years		Within 7 Years 1/		Within 8 Years 1/		Within 9 Years 1/		Within 10 Years 1/		4yr	5yr	6yr	7yr 1/	8yr 1/	9yr 1/	10yr 1/
			Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd	Grad	Cont'd							
UH Hilo Average	62.6	46.8	10.8	29.8	25.9	14.1	31.9	7.3	34.0	4.9	34.9	4.0	35.4	3.5	36.4	2.6	40.6	40.0	39.2	38.9	38.9	38.9	39.0
Gender																							
Men	59.5	43.4	8.2	28.3	21.2	13.9	27.4	7.3	28.5	4.8	29.4	4.1	30.9	2.2	31.0	1.8	36.5	35.1	34.7	33.3	33.5	33.1	32.8
Women	64.8	49.2	12.6	30.9	29.2	14.2	35.2	7.3	37.8	4.9	38.8	3.9	38.5	4.4	40.0	3.2	43.5	43.4	42.5	42.7	42.7	42.9	43.2
Ethnicity 2/																							
Asian / Pacific Islander	65.5	49.5	9.1	33.4	25.1	15.9	31.8	7.8	33.7	5.5	34.3	4.0	34.5	3.4	36.8	3.0	42.5	41.0	39.6	39.2	38.3	37.9	39.8
Japanese	72.5	55.1	9.7	41.5	29.0	20.0	36.8	10.7	38.9	6.3	38.4	2.8	37.8	3.0	40.1	3.2	51.2	49.0	47.5	45.2	41.2	40.8	43.3
Chinese	66.7	44.7	9.7	25.8	24.1	20.7	29.6	11.1	33.3	9.5	47.4	0.0	40.0	0.0	50.0	0.0	35.5	44.8	40.7	42.8	47.4	40.0	50.0
Korean	69.6	48.9	5.9	20.6	15.6	9.4	20.7	0.0	23.1	0.0	24.0	0.0	25.0	0.0	31.3	0.0	26.5	25.0	20.7	23.1	24.0	25.0	31.3
Filipino	68.0	52.4	9.2	36.3	28.1	14.6	36.3	5.8	37.2	4.1	38.8	3.8	40.2	3.0	42.3	2.9	45.5	42.7	42.1	41.3	42.6	43.2	45.2
Hawaiian / Part Hawaiian	61.4	46.0	8.9	30.2	22.9	14.1	28.8	7.2	30.7	6.2	31.1	5.1	31.1	4.5	33.4	3.4	39.1	37.0	36.0	36.9	36.2	35.6	36.8
Pacific Islander	61.7	46.6	8.3	26.9	20.9	15.5	27.2	7.0	28.6	3.1	28.8	2.7	31.6	1.8	35.0	2.5	35.2	36.4	34.2	31.7	31.5	33.4	37.5
Other Asian	54.5	38.1	16.7	22.2	25.0	12.5	35.7	0.0	38.5	0.0	50.0	0.0	42.9	0.0	40.0	0.0	38.9	37.5	35.7	38.5	50.0	42.9	40.0
Mixed Asian	65.5	50.7	9.3	31.5	25.8	15.5	29.6	7.4	32.4	5.6	31.7	6.3	34.0	2.0	30.8	0.0	40.8	41.3	37.0	38.0	38.0	36.0	30.8
Hispanic 3/																							
Caucasian	56.7	42.0	13.8	23.3	27.2	10.1	33.3	5.4	34.5	2.3	36.5	3.5	38.1	2.5	37.7	2.6	37.1	37.3	38.7	36.8	40.0	40.6	40.3
African American 3/																							
American Indian/Alaskan Nat 3/																							
Non-Resident Alien	72.0	50.3	21.3	23.0	33.6	5.5	32.6	5.8	40.3	1.5	37.3	2.0	43.2	0.0	42.4	0.0	44.3	39.1	38.4	41.8	39.3	43.2	42.4
Mixed / No Response	62.7	47.4	9.1	32.3	24.8	16.9	30.9	9.5	35.0	6.9	35.9	5.8	34.8	6.3	33.6	2.4	41.4	41.7	40.4	41.9	41.7	41.1	36.0
Benchmark Average	74.9	62.2	23.7	29.9	41.7	9.7	47.0	3.9									53.6	51.4	50.9				
Gender																							
Men	72.7	59.8	17.3	33.0	35.9	11.5	41.6	4.7									50.3	47.4	46.3				
Women	76.3	63.8	28.0	27.9	45.7	8.5	50.6	3.4									55.9	54.2	54.0				
Ethnicity																							
Asian / Pacific Islander	73.1	61.3	20.8	31.9	39.3	11.9	45.3	4.5									52.7	51.2	49.8				
Hispanic	67.3	54.2	10.6	33.2	26.3	14.0	31.9	6.5									43.8	40.3	38.4				
Caucasian	77.4	65.8	30.7	28.2	50.6	7.1	54.7	3.0									58.9	57.7	57.7				
African American	74.1	60.5	18.7	31.6	35.3	11.7	41.7	5.0									50.3	47.0	46.7				
American Indian/Alaskan Nat	65.3	48.6	15.8	24.6	22.9	12.6	31.9	3.8									40.4	35.5	35.7				
Non-Resident Alien	77.2	65.5	41.9	17.2	52.7	4.6	56.9	2.4									59.1	57.3	59.3				
Peer Average	68.0	52.7	16.4	27.4	30.4	11.7	35.0	6.0									43.8	42.1	41.0				
Gender																							
Men	65.2	49.6	11.7	27.9	24.7	12.4	29.9	6.1									39.6	37.1	36.0				
Women	70.3	55.3	20.2	26.9	34.8	10.9	39.3	5.7									47.1	45.7	45.0				
Ethnicity																							
Asian / Pacific Islander	68.1	53.5	15.9	28.4	28.0	14.9	33.9	8.5									44.3	42.9	42.4				
Hispanic	72.0	58.3	14.1	33.6	29.7	13.3	33.1	7.9									47.7	43.0	41.0				
Caucasian	68.4	54.3	19.6	26.5	35.0	9.8	39.4	5.2									46.1	44.8	44.6				
African American	67.8	50.0	10.4	28.7	22.1	14.2	27.9	6.6									39.1	36.3	34.5				
American Indian/Alaskan Nat	57.9	41.7	9.4	24.0	20.0	11.4	19.4	7.6									33.4	31.4	27.0				
Non-Resident Alien	67.1	50.6	19.2	20.0	31.2	5.5	33.4	2.4									39.2	36.7	35.8				

Note: Graduation rates are as of summer term, retention/continuation rates are as of Fall census. Success rate = graduation rate + continuation rate. Peer and benchmark averages do not include UH Hilo. Data may not tie to those previously published.

1/ Graduation and retention rates beyond six years are not available for peer or benchmark institutions.

2/ Effective 2005, UH Hilo data are from the UH Hilo Tracking System. Data from the tracking system identifies nonresident aliens as a separate "ethnicity" category. In the past, nonresident aliens were included in regular ethnicity groups. Therefore, data in this report may not tie to those published in previous reports.

3/ Hispanic, African American, and American Indian/Alaskan Native data for UH Hilo are not reliable due to small cohort size, so are not being provided.

Sources: CSRDE Retention Surveys; CSRDE Report, Retention and Graduation Rates of Selected Peer Institutions; University of Hawaii at Hilo.

TABLE 3

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TABLE 4

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TABLE 5  
 AVERAGE DROPOUT RATES OVER SIX YEARS  
 UH HILO AND ITS PEER AND BENCHMARK INSTITUTIONS  
 FALL 1994 TO FALL 2001 COHORTS, AS OF 2007

	Total	Percent dropping out in:		
		1st yr	2nd yr	3rd yr or later
UH Hilo	60.8	39.7	14.5	6.6
Benchmark Group	49.1	25.0	13.2	10.9
Peer Group	59.0	32.8	15.7	10.5
CSRDE Group	37.2	19.5	9.7	8.0

Sources: CSRDE Retention Survey; CSRDE Report, "Retention and Graduation Rates of Selected Peer Institutions"; University of Hawai'i at Hilo.

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