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COLLEGE ACCESS BY ETHNICITY
HAWAI'I DEPARTMENT OF EDUCATION
CLASSES OF 2004 THROUGH 2007
AS OF FALL 2011

August 2012

**College Access by Ethnicity
Hawai'i Department of Education
Classes of 2004 through 2007
As of Fall 2011**

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Introduction

This report utilizes student demographic data provided by the Hawai'i Department of Education (HIDOE), and postsecondary enrollment and degree data provided by the National Student Clearinghouse (NSC). Using the combined data set, this report summarizes college access for four HIDOE graduating classes of 2004 through 2007. Results are cumulative over time and are reported as of Fall 2011. The "oldest" class in this report has seven years of data, while the Class of 2007 has four years. NSC provides reports of confirmed enrollments of Hawai'i high school graduates in participating postsecondary institutions. NSC records represent over 3,300 postsecondary institutions that collectively **enroll** 96% of all students in public and private institutes of higher education/postsecondary institutions nationwide. Local participating institutions include the University of Hawai'i, Chaminade University, Brigham Young University - Hawai'i, Heald College at Honolulu, and Argosy University. Hawai'i Pacific University, with an annual enrollment of approximately 8,000 students, does not participate at this time. For an up-to-date list of participating postsecondary institutions go to:

http://www.studentclearinghouse.org/colleges/enrollment_reporting/participating_schools.php

HIDOE graduates are matched to NSC data based on name, gender, and date of birth. The college enrollment data do not reflect graduates who cannot be matched due to name change, data entry error, or for students who have requested that their postsecondary directory information not be disclosed. Confirmed enrollments therefore, provide a "lower bound" of Hawai'i's public school college going rate.

Methodology/Subjects

The four graduating class cohorts were determined by HIDOE diploma file information. These files contain student-level data, type of diploma earned, high school graduated, and year graduated. Race/ethnicity is based on HIDOE demographic information reported as of the students' senior year in high school.

A total of 42,871 students statewide were included in these analyses as follows:

- Class of 2004: 10,430 students
- Class of 2005: 10,889 students
- Class of 2006: 10,680 students
- Class of 2007: 10,872 students

The following research questions formed the basis of this report:

- Among Native Hawaiians who graduate from Hawai'i public high schools, how many begin postsecondary education within 12 months of high school graduation? How many enroll in 2- and 4-year institutions?
- What proportions of Native Hawaiians who begin at 2- and 4-year colleges complete a bachelor's degree?
- Of those Native Hawaiians who initially attend a community college, what proportion transfers to a 4-year institution? Of transfers, what proportion completes a bachelor's degree?

This report provides “snapshot” or “point-in-time” college-going information by ethnicity for the following three time periods for each cohort of graduates:

- In the fall semester immediately following high school graduation
- Within 16 months after high school graduation
- Within 2 years after high school graduation

Note that for later time periods, data are cumulative up to that point in time. For example, a student may have enrolled immediately after high school graduation but is no longer enrolled at the 2- year mark. However, that student is still counted as enrolling within two years after high school graduation. (See Tables 1A - 1D)

Enrollment Gap: Calculation of the “enrollment gap” is based on the difference between the ethnic group’s percentage of the total graduating class, and this group’s percentage of the total number of students who enrolled in postsecondary within two years after high school graduation. For example, while Native Hawaiian students make up 22.9% of the graduating Class of 2004, they represent only 16.4% of those who enrolled in college within two years after graduation. That represents a -6.5% enrollment gap. (See Table 1A)

First Enrollment by Institution Type: This is categorized by two-year and four-year institution type, and whether enrollment was at one of the ten campuses of the University of Hawai’i (UH) system, or whether the student enrolled at a Non-UH institution. “First enrollment” is only compiled for students who enrolled in postsecondary within 2 years after graduation. (See Tables 2A - 2D)

Degree Completion: The number of students who earned an Associates and/or Bachelors degree, for those who enrolled in the fall semester immediately after high school graduation. Degree data are not reported for enrollments within two years after graduation because a majority of degree earners are within the population that immediately enrolls. Note that for earlier graduating classes, more degree information is available. In addition, a student may have earned both an Associates and a Bachelors degree, and those are reflected in the counts. Multiple Associates and/or Bachelors degrees (e.g., “double majors”) for a single student are not counted. (See Tables 3A - 3D)

Two- to Four-Year Transfers: The number of students who initially started at a two-year postsecondary institution, transferred to a four-year institution, and ultimately earned a Bachelors degree. Note that these counts are based on the student’s *initial* enrollment after high school into a two-year college, and their *first* transfer to a four-year college. It does not include multiple or subsequent transfers. (See Tables 4A - 4D)

Results

Enrollment data are comparable across all graduating classes since data exist for the three time periods measured – in the immediate fall semester, within 16 months, and within 2 years following high school graduation. Degree information is not comparable across graduating classes as the Class of 2004 includes seven years of degree data, whereas the Class of 2007 includes only four years of data.

In summary, for the 2004 through 2007 HIDOE graduating classes:

- Statewide, about 48% enrolled in postsecondary in the fall semester immediately following high school graduation. Within 16 months after graduation, an additional 8% enrolled in college, for a total of 56%. Beyond that, new enrollment in postsecondary begins to slow. Statewide there is a

10% increase after the fall semester following graduation, with a less than 2% increase after the 16-month period following graduation.

- Overall, the ethnic groups with the highest college enrollment immediately following graduation had the "slowest" change rate over time. For example, 74% of Japanese students enrolled in college immediately after high school graduation. By the two year period, enrollment increased by 6%, which is lower than the statewide average of 10%.
 - In contrast, 32% of Native Hawaiians enrolled in college right after graduation, and by the two-year mark an additional 9% enrolled. Over the three enrollment periods, Native Hawaiian's were comparable to the statewide college going increase. However, the initial college access rate was much lower than the statewide rate of 48%, resulting in proportionately fewer Native Hawaiian students enrolling in postsecondary compared to the percentage of Native Hawaiians that graduated.
- Chinese students make up only 4% of the total high school graduating class, but consistently have the highest percentage of their ethnic population enrolled in postsecondary. Students of Samoan ancestry represent only 3% of the high school graduating class, but consistently have the lowest percentage enrolled in college.
- In terms of college access by ethnic group relative to the graduating class, students of Japanese ancestry consistently outperform all other ethnic groups. Representing 13% of the graduating class, they account for a larger proportion of those enrolled in postsecondary two years after high school graduation. In comparison, Native Hawaiians account for 23% of the total graduating class. But the proportion of students enrolled in college two years after graduation consistently hovers around 16%, resulting in the largest enrollment gap of all other ethnicities.
- When looking at the "first" enrollment by institution type for students who enrolled within two years after high school graduation, on average:
 - 32% of graduates enrolled in a 2-year college; 26% enrolled in a 4-year college.
 - For Native Hawaiian graduates, 28% enrolled at a 2-year college while 14% enrolled at a 4-year college.
 - Of all students who enrolled in postsecondary, 70% attended a University of Hawai'i campus as their "first" institution, while 30% attended a Non-UH campus.
 - A larger proportion of Filipinos attended 2-year colleges (38%) over 4-year colleges (21%). As such they exceed the statewide rate for 2-year college enrollment (32%), but lag the statewide rate in terms of 4-year college enrollment (26%).
 - Of the students who enrolled at a 4-year college, there's a smaller gap between those who enrolled at a UH campus (14%) and those who enrolled at a Non-UH campus (12%). However, for 2-year colleges, a much larger percentage attended one of the UH community colleges (27%) vs. those who attended a Non-UH campus (5%).
- For the Class of 2004, 49% who enrolled in the fall semester immediately after high school graduation earned a degree. About 16% earned an Associates degree and 33% earned Bachelors degrees. Over time, the longer students take to enroll in postsecondary after high school, the lower

the percentage of degree earners. So while there was a 10% increase in the number of students who enrolled after the immediate fall semester, statewide only 44% of students who enrolled within two years after high school graduation earned a degree in postsecondary.

- For Native Hawaiians in the Class of 2004, 29% who enrolled in college immediately after high school graduation earned a degree. About 13% earned an Associates degree while 16% earned a Bachelors degree.
- For the Class of 2004, Chinese students have the highest proportion of those who earned a degree (69%), while Samoan students have the lowest proportion of degree earners (20%).
- For the Class of 2004, of the 5,909 students who enrolled in postsecondary within two years after high school graduation, 56% or 3,335 students started at a 2-year college. Of that group, 22% or 746 students transferred to a 4-year institution, and 42% of those transfer students went on to earn a Bachelors degree.
 - For Native Hawaiians in the Class of 2004, of the 969 students who enrolled in college within two years after high school graduation, 64% or 615 students started at a 2-year institution, which is higher than the statewide average. Of that group, 15% transferred to a 4-year college, and 27% of those transfer students went on to earn a Bachelors degree. The proportion of transfer students and baccalaureate degree earners are below the statewide average.

Conclusion and Future Research

In conclusion, there are obvious differences by ethnicity in terms of college access. Ethnic groups with the largest percentage enrolled in college immediately after high school graduation tends to maintain that trajectory, surpassing the statewide average two years later. Meanwhile, ethnic populations with the lowest percentage enrolled in college immediately after high school graduation continually lag the statewide average over time, and never really “catch up”. This is obvious with the Samoan and Native Hawaiian populations.

This same trend can be seen in success rates in college in terms of degrees earned. Students who enroll in postsecondary immediately after high school are more likely to earn degrees than students who enroll one or two years later. Additionally, there are clear differences in ethnic groups who attend 2-year vs. 4-year institutions. A greater proportion of Japanese students attend 4-year institutions compared to 2-year institutions. In contrast, Filipinos and Native Hawaiians, the two largest ethnic groups of the graduating classes, have a higher proportion attending 2-year colleges over 4-year colleges.

Overall the data seems to warrant further research into the variables that influence or affect college access behavior. For example, are there reasons for different ethnic groups to enter college at different points in time? Do demographics play a role in the type of institution a student attends or the type of degree they seek? Do more rigorous course taking patterns in high school better prepare students for college level curriculum, and for college success?

By being able to track students by graduating class cohort, more research can be conducted to better understand the factors that influence college access and success for Hawaii DOE students. Ultimately college access may affect students’ wage earning potential over time, which warrants research across sectors as students transition from high school to college, and college into the workforce.

TABLE 1A
Enrollment in Postsecondary, by Time Period
Hawai'i Department of Education Class of 2004

A	B	C	D	E	F	G	H	I	J	K	L	M
Class of 2004 Race/Ethnicity	# of Grads	% of Grad Class	Immediate Fall (Fall 2004)		Within 16 Months after Graduation (Fall 2005)			Within 2 Years after Graduation (Spring 2006)			Enrollment Gap (Based on % of graduating class enrolled in postsecondary)	
			N	% of Grads	N	% of Grads	% Change from Fall 2004	N	% of Grads	% Change from Fall 2004		
Statewide	10,430	100.0	4,893	46.9	5,752	55.1	8.2	5,909	56.7	9.7		
Japanese	1,438	13.8	1,075	74.8	1,148	79.8	5.1	1,154	80.3	5.5	19.5	5.7
Chinese	392	3.8	304	77.6	328	83.7	6.1	333	84.9	7.4	5.6	1.9
White	1,441	13.8	708	49.1	842	58.4	9.3	871	60.4	11.3	14.7	0.9
Korean	166	1.6	118	71.1	126	75.9	4.8	128	77.1	6.0	2.2	0.6
Filipino	2,334	22.4	1,035	44.3	1,282	54.9	10.6	1,331	57.0	12.7	22.5	0.1
Indo-Chinese	57	0.5	33	57.9	38	66.7	8.8	38	66.7	8.8	0.6	0.1
Am Indian/Alaskan	34	0.3	16	47.1	17	50.0	2.9	18	52.9	5.9	0.3	0.0
African American	169	1.6	67	39.6	86	50.9	11.2	91	53.8	14.2	1.5	-0.1
Hispanic	233	2.2	92	39.5	114	48.9	9.4	117	50.2	10.7	2.0	-0.3
Portuguese	237	2.3	87	36.7	100	42.2	5.5	102	43.0	6.3	1.7	-0.5
Multiple	1,180	11.3	507	43.0	612	51.9	8.9	626	53.1	10.1	10.6	-0.7
Samoan	359	3.4	96	26.7	125	34.8	8.1	131	36.5	9.7	2.2	-1.2
Native Hawaiian	2,390	22.9	755	31.6	934	39.1	7.5	969	40.5	9.0	16.4	-6.5

See Appendix 1 for a description of this table and an explanation on how the data were calculated.

TABLE 1B
Enrollment in Postsecondary, by Time Period
Hawai'i Department of Education Class of 2005

A	B	C	D	E	F	G	H	I	J	K	L	M
Class of 2005 Race/Ethnicity	# of Grads	% of Grad Class	Immediate Fall (Fall 2005)		Within 16 Months after Graduation (Fall 2006)			With 2 Years after Graduation (Spring 2007)			Enrollment Gap (Based on % of graduating class enrolled in postsecondary)	
			N	% of Grads	N	% of Grads	% Change from Fall 2005	N	% of Grads	% Change from Fall 2005		
Statewide	10,889	100.0	5,264	48.3	6,155	56.5	8.2	6,321	58.0	9.7		
Japanese	1,530	14.1	1,135	74.2	1,209	79.0	4.8	1,223	79.9	5.8	19.3	5.3
Chinese	399	3.7	299	74.9	329	82.5	7.5	332	83.2	8.3	5.3	1.6
Korean	193	1.8	137	71.0	148	76.7	5.7	153	79.3	8.3	2.4	0.6
White	1,453	13.3	725	49.9	855	58.8	8.9	880	60.6	10.7	13.9	0.6
Filipino	2,418	22.2	1,154	47.7	1,392	57.6	9.8	1,429	59.1	11.4	22.6	0.4
Indo-Chinese	81	0.7	49	60.5	58	71.6	11.1	59	72.8	12.3	0.9	0.2
Am Indian/Alaskan	45	0.4	18	40.0	24	53.3	13.3	25	55.6	15.6	0.4	0.0
African American	179	1.6	75	41.9	96	53.6	11.7	104	58.1	16.2	1.6	0.0
Hispanic	227	2.1	91	40.1	108	47.6	7.5	111	48.9	8.8	1.8	-0.3
Multiple	1,290	11.8	594	46.0	702	54.4	8.4	726	56.3	10.2	11.5	-0.4
Portuguese	266	2.4	99	37.2	119	44.7	7.5	123	46.2	9.0	1.9	-0.5
Samoan	338	3.1	87	25.7	115	34.0	8.3	120	35.5	9.8	1.9	-1.2
Native Hawaiian	2,470	22.7	801	32.4	1,000	40.5	8.1	1,036	41.9	9.5	16.4	-6.3

See Appendix 1 for a description of this table and an explanation on how the data were calculated.

TABLE 1C
Enrollment in Postsecondary, by Time Period
Hawai'i Department of Education Class of 2006

A	B	C	D	E	F	G	H	I	J	K	L	M
Class of 2006 Race/Ethnicity	# of Grads	% of Grad Class	Immediate Fall (Fall 2006)		Within 16 Months after Graduation (Fall 2007)			Within 2 Years after Graduation (Spring 2008)			Enrollment Gap (Based on % of graduating class enrolled in postsecondary)	
			N	% of Grads	N	% of Grads	% Change from Fall 2006	N	% of Grads	% Change from Fall 2006		
Statewide	10,680	100.0	5,087	47.6	6,028	56.4	8.8	6,198	58.0	10.4		
Japanese	1,443	13.5	1,057	73.3	1,138	78.9	5.6	1,149	79.6	6.4	18.5	5.0
Chinese	413	3.9	321	77.7	348	84.3	6.5	354	85.7	8.0	5.7	1.8
Filipino	2,474	23.2	1,152	46.6	1,442	58.3	11.7	1,484	60.0	13.4	23.9	0.8
White	1,366	12.8	687	50.3	817	59.8	9.5	843	61.7	11.4	13.6	0.8
Korean	187	1.8	127	67.9	137	73.3	5.3	137	73.3	5.3	2.2	0.5
Indo-Chinese	93	0.9	52	55.9	66	71.0	15.1	68	73.1	17.2	1.1	0.2
African American	192	1.8	80	41.7	105	54.7	13.0	113	58.9	17.2	1.8	0.0
Am Indian/Alaskan	27	0.3	10	37.0	11	40.7	3.7	11	40.7	3.7	0.2	-0.1
Hispanic	211	2.0	79	37.4	99	46.9	9.5	104	49.3	11.8	1.7	-0.3
Multiple	1,287	12.1	591	45.9	702	54.5	8.6	727	56.5	10.6	11.7	-0.3
Portuguese	205	1.9	73	35.6	92	44.9	9.3	94	45.9	10.2	1.5	-0.4
Samoan	374	3.5	109	29.1	138	36.9	7.8	144	38.5	9.4	2.3	-1.2
Native Hawaiian	2,408	22.5	749	31.1	933	38.7	7.6	970	40.3	9.2	15.7	-6.9

See Appendix 1 for a description of this table and an explanation on how the data were calculated.

TABLE 1D
Enrollment in Postsecondary, by Time Period
Hawai'i Department of Education Class of 2007

A	B	C	D	E	F	G	H	I	J	K	L	M
Class of 2007 Race/Ethnicity	# of Grads	% of Grad Class	Immediate Fall (Fall 2007)		Within 16 Months after Graduation (Fall 2008)			Within 2 Years After Graduation (Spring 2009)			Enrollment Gap (Based on % of graduating class enrolled in postsecondary)	
			N	% of Grads	N	% of Grads	% Change from Fall 2007	N	% of Grads	% Change from Fall 2007		
Statewide	10,872	100.0	5,413	49.8	6,312	58.1	8.3	6,507	59.9	10.1		
Japanese	1,284	11.8	966	75.2	1,022	79.6	4.4	1,040	81.0	5.8	16.0	4.2
Chinese	436	4.0	357	81.9	388	89.0	7.1	393	90.1	8.3	6.0	2.0
White	1,378	12.7	772	56.0	899	65.2	9.2	917	66.5	10.5	14.1	1.4
Korean	186	1.7	143	76.9	151	81.2	4.3	153	82.3	5.4	2.4	0.6
Filipino	2,532	23.3	1,255	49.6	1,497	59.1	9.6	1,540	60.8	11.3	23.7	0.4
Indo-Chinese	79	0.7	48	60.8	59	74.7	13.9	59	74.7	13.9	0.9	0.2
African American	189	1.7	87	46.0	115	60.8	14.8	122	64.6	18.5	1.9	0.1
Am Indian/Alaskan	42	0.4	14	33.3	18	42.9	9.5	21	50.0	16.7	0.3	-0.1
Portuguese	189	1.7	83	43.9	97	51.3	7.4	98	51.9	7.9	1.5	-0.2
Multiple	1,269	11.7	587	46.3	717	56.5	10.2	736	58.0	11.7	11.3	-0.4
Hispanic	258	2.4	90	34.9	109	42.2	7.4	118	45.7	10.9	1.8	-0.6
Samoan	356	3.3	101	28.4	140	39.3	11.0	152	42.7	14.3	2.3	-0.9
Native Hawaiian	2,674	24.6	910	34.0	1,100	41.1	7.1	1,158	43.3	9.3	17.8	-6.8

See Appendix 1 for a description of this table and an explanation on how the data were calculated.

TABLE 2A
First Enrollment in Postsecondary, by Institution Type
Hawai'i Department of Education Class of 2004

Class of 2004 Race/Ethnicity	# of Grads	% of Grad Class	FIRST ENROLLMENT IN 2-YEAR COLLEGE						FIRST ENROLLMENT IN 4-YEAR COLLEGE						TOTAL	% of Grads
			UH	% of Grads	Non-UH	% of Grads	TOTAL 2-Year	% of Grads	UH	% of Grads	Non-UH	% of Grads	TOTAL 4-Year	% of Grads		
Statewide	10,430	100.0	2,801	26.9	534	5.1	3,335	32.0	1,446	13.9	1,128	10.8	2,574	24.7	5,909	56.7
Chinese	392	3.8	159	40.6	8	2.0	167	42.6	113	28.8	53	13.5	166	42.3	333	84.9
Japanese	1,438	13.8	466	32.4	35	2.4	501	34.8	374	26.0	279	19.4	653	45.4	1,154	80.3
Korean	166	1.6	46	27.7	5	3.0	51	30.7	55	33.1	22	13.3	77	46.4	128	77.1
Indo-Chinese	57	0.5	23	40.4	4	7.0	27	47.4	7	12.3	4	7.0	11	19.3	38	66.7
White	1,441	13.8	301	20.9	124	8.6	425	29.5	193	13.4	253	17.6	446	31.0	871	60.4
Filipino	2,334	22.4	754	32.3	123	5.3	877	37.6	309	13.2	145	6.2	454	19.5	1,331	57.0
African American	169	1.6	38	22.5	20	11.8	58	34.3	9	5.3	24	14.2	33	19.5	91	53.8
Multiple	1,180	11.3	315	26.7	61	5.2	376	31.9	131	11.1	119	10.1	250	21.2	626	53.1
Am Indian/Alaskan	34	0.3	7	20.6	3	8.8	10	29.4	4	11.8	4	11.8	8	23.5	18	52.9
Hispanic	233	2.2	60	25.8	14	6.0	74	31.8	19	8.2	24	10.3	43	18.5	117	50.2
Portuguese	237	2.3	53	22.4	10	4.2	63	26.6	29	12.2	10	4.2	39	16.5	102	43.0
Native Hawaiian	2,390	22.9	528	22.1	87	3.6	615	25.7	196	8.2	158	6.6	354	14.8	969	40.5
Samoan	359	3.4	51	14.2	40	11.1	91	25.3	7	1.9	33	9.2	40	11.1	131	36.5

"First Enrollment" represents the **first** institution the student enrolled at after high school graduation.

Data in this table only includes students who enrolled in postsecondary **within 2 years** after high school graduation.

TABLE 2B
First Enrollment in Postsecondary, by Institution Type
Hawai'i Department of Education Class of 2005

Class of 2005 Race/Ethnicity	# of Grads	% of Grad Class	FIRST ENROLLMENT IN 2-YEAR COLLEGE						FIRST ENROLLMENT IN 4-YEAR COLLEGE						TOTAL	% of Grads
			UH	% of Grads	Non-UH	% of Grads	TOTAL 2-Year	% of Grads	UH	% of Grads	Non-UH	% of Grads	TOTAL 4-Year	% of Grads		
Statewide	10,889	100.0	2,858	26.2	562	5.2	3,420	31.4	1,588	14.6	1,313	12.1	2,901	26.6	6,321	58.0
Chinese	399	3.7	147	36.8	8	2.0	155	38.8	104	26.1	73	18.3	177	44.4	332	83.2
Japanese	1,530	14.1	449	29.3	35	2.3	484	31.6	433	28.3	306	20.0	739	48.3	1,223	79.9
Korean	193	1.8	60	31.1	7	3.6	67	34.7	59	30.6	27	14.0	86	44.6	153	79.3
Indo-Chinese	81	0.7	23	28.4	5	6.2	28	34.6	16	19.8	15	18.5	31	38.3	59	72.8
White	1,453	13.3	285	19.6	107	7.4	392	27.0	218	15.0	270	18.6	488	33.6	880	60.6
Filipino	2,418	22.2	774	32.0	138	5.7	912	37.7	315	13.0	202	8.4	517	21.4	1,429	59.1
African American	179	1.6	36	20.1	26	14.5	62	34.6	7	3.9	35	19.6	42	23.5	104	58.1
Multiple	1,290	11.8	342	26.5	72	5.6	414	32.1	157	12.2	155	12.0	312	24.2	726	56.3
Am Indian/Alaskan	45	0.4	6	13.3	3	6.7	9	20.0	9	20.0	7	15.6	16	35.6	25	55.6
Hispanic	227	2.1	57	25.1	13	5.7	70	30.8	22	9.7	19	8.4	41	18.1	111	48.9
Portuguese	266	2.4	67	25.2	9	3.4	76	28.6	24	9.0	23	8.6	47	17.7	123	46.2
Native Hawaiian	2,470	22.7	562	22.8	99	4.0	661	26.8	213	8.6	162	6.6	375	15.2	1,036	41.9
Samoan	338	3.1	50	14.8	40	11.8	90	26.6	11	3.3	19	5.6	30	8.9	120	35.5

"First Enrollment" represents the **first** institution the student enrolled at after high school graduation.

Data in this table only includes students who enrolled in postsecondary **within 2 years** after high school graduation.

TABLE 2C
First Enrollment in Postsecondary, by Institution Type
Hawai'i Department of Education Class of 2006

Class of 2006 Race/Ethnicity	# of Grads	% of Grad Class	FIRST ENROLLMENT IN 2-YEAR COLLEGE						FIRST ENROLLMENT IN 4-YEAR COLLEGE						TOTAL	% of Grads
			UH	% of Grads	Non-UH	% of Grads	TOTAL 2-Year	% of Grads	UH	% of Grads	Non-UH	% of Grads	TOTAL 4-Year	% of Grads		
Statewide	10,680	100.0	2,871	26.9	618	5.8	3,489	32.7	1,327	12.4	1,382	12.9	2,709	25.4	6,198	58.0
Chinese	413	3.9	154	37.3	13	3.1	167	40.4	97	23.5	90	21.8	187	45.3	354	85.7
Japanese	1,443	13.5	471	32.6	44	3.0	515	35.7	321	22.2	313	21.7	634	43.9	1,149	79.6
Korean	187	1.8	53	28.3	6	3.2	59	31.6	46	24.6	32	17.1	78	41.7	137	73.3
Indo-Chinese	93	0.9	45	48.4	4	4.3	49	52.7	12	12.9	7	7.5	19	20.4	68	73.1
White	1,366	12.8	290	21.2	92	6.7	382	28.0	179	13.1	282	20.6	461	33.7	843	61.7
Filipino	2,474	23.2	777	31.4	158	6.4	935	37.8	302	12.2	247	10.0	549	22.2	1,484	60.0
African American	192	1.8	30	15.6	30	15.6	60	31.3	7	3.6	46	24.0	53	27.6	113	58.9
Multiple	1,287	12.1	315	24.5	84	6.5	399	31.0	155	12.0	173	13.4	328	25.5	727	56.5
Hispanic	211	2.0	56	26.5	18	8.5	74	35.1	18	8.5	12	5.7	30	14.2	104	49.3
Portuguese	205	1.9	56	27.3	4	2.0	60	29.3	17	8.3	17	8.3	34	16.6	94	45.9
Am Indian/Alaskan	27	0.3	1	3.7	2	7.4	3	11.1	4	14.8	4	14.8	8	29.6	11	40.7
Native Hawaiian	2,408	22.5	571	23.7	111	4.6	682	28.3	160	6.6	128	5.3	288	12.0	970	40.3
Samoan	374	3.5	52	13.9	52	13.9	104	27.8	9	2.4	31	8.3	40	10.7	144	38.5

"First Enrollment" represents the **first** institution the student enrolled at after high school graduation.

Data in this table only includes students who enrolled in postsecondary **within 2 years** after high school graduation.

TABLE 2D
First Enrollment in Postsecondary, by Institution Type
Hawai'i Department of Education Class of 2007

Class of 2007 Race/Ethnicity	# of Grads	% of Grad Class	FIRST ENROLLMENT IN 2-YEAR COLLEGE						FIRST ENROLLMENT IN 4-YEAR COLLEGE						TOTAL	% of Grads
			UH	% of Grads	Non-UH	% of Grads	TOTAL 2-Year	% of Grads	UH	% of Grads	Non-UH	% of Grads	TOTAL 4-Year	% of Grads		
Statewide	10,872	100.0	3,031	27.9	615	5.7	3,646	33.5	1,476	13.6	1,385	12.7	2,861	26.3	6,507	59.9
Chinese	436	4.0	177	40.6	14	3.2	191	43.8	116	26.6	86	19.7	202	46.3	393	90.1
Korean	186	1.7	60	32.3	4	2.2	64	34.4	52	28.0	37	19.9	89	47.8	153	82.3
Japanese	1,284	11.8	409	31.9	26	2.0	435	33.9	346	26.9	259	20.2	605	47.1	1,040	81.0
Indo-Chinese	79	0.7	30	38.0	6	7.6	36	45.6	9	11.4	14	17.7	23	29.1	59	74.7
White	1,378	12.7	305	22.1	101	7.3	406	29.5	218	15.8	293	21.3	511	37.1	917	66.5
African American	189	1.7	43	22.8	27	14.3	70	37.0	8	4.2	44	23.3	52	27.5	122	64.6
Filipino	2,532	23.3	811	32.0	164	6.5	975	38.5	337	13.3	228	9.0	565	22.3	1,540	60.8
Multiple	1,269	11.7	330	26.0	79	6.2	409	32.2	147	11.6	180	14.2	327	25.8	736	58.0
Portuguese	189	1.7	57	30.2	5	2.6	62	32.8	25	13.2	11	5.8	36	19.0	98	51.9
Am Indian/Alaskan	42	0.4	9	21.4	4	9.5	13	31.0	3	7.1	5	11.9	8	19.0	21	50.0
Hispanic	258	2.4	71	27.5	11	4.3	82	31.8	12	4.7	24	9.3	36	14.0	118	45.7
Native Hawaiian	2,674	24.6	669	25.0	118	4.4	787	29.4	197	7.4	174	6.5	371	13.9	1,158	43.3
Samoan	356	3.3	60	16.9	56	15.7	116	32.6	6	1.7	30	8.4	36	10.1	152	42.7

"First Enrollment" represents the **first** institution the student enrolled at after high school graduation.

Data in this table only includes students who enrolled in postsecondary **within 2 years** after high school graduation.

TABLE 3A
Students Who Earned an Associates or Bachelors Degree
Hawai'i Department of Education Class of 2004 (as of Fall 2011)

Class of 2004 Race/Ethnicity	# of Grads	% of Grad Class	IMMEDIATELY ENROLLED (FALL 2004)							
			# Enrolled (N Size)	% of Grads	Earned Associates Degree	% of N Size	Earned Bachelors Degree	% of N Size	Total Earned Degrees	% of N Size
Statewide	10,430	100.0	4,893	46.9	769	15.7	1,617	33.0	2,386	48.8
Chinese	392	3.8	304	77.6	48	15.8	162	53.3	210	69.1
Japanese	1,438	13.8	1,075	74.8	190	17.7	476	44.3	666	62.0
Korean	166	1.6	118	71.1	12	10.2	61	51.7	73	61.9
White	1,441	13.8	708	49.1	91	12.9	297	41.9	388	54.8
Indo-Chinese	57	0.5	33	57.9	6	18.2	12	36.4	18	54.5
Multiple	1,180	11.3	507	43.0	87	17.2	171	33.7	258	50.9
African American	169	1.6	67	39.6	11	16.4	20	29.9	31	46.3
Filipino	2,334	22.4	1,035	44.3	186	18.0	243	23.5	429	41.4
Hispanic	233	2.2	92	39.5	13	14.1	24	26.1	37	40.2
Am Indian/Alaskan	34	0.3	16	47.1	3	18.8	3	18.8	6	37.5
Portuguese	237	2.3	87	36.7	14	16.1	17	19.5	31	35.6
Native Hawaiian	2,390	22.9	755	31.6	101	13.4	119	15.8	220	29.1
Samoan	359	3.4	96	26.7	7	7.3	12	12.5	19	19.8

Includes 7 years of degree data.

TABLE 3B
Students Who Earned an Associates or Bachelors Degree
Hawai'i Department of Education Class of 2005 (as of Fall 2011)

Class of 2005 Race/Ethnicity	# of Grads	% of Grad Class	IMMEDIATELY ENROLLED (FALL 2005)							
			# Enrolled (N Size)	% of Grads	Earned Associates Degree	% of N Size	Earned Bachelors Degree	% of N Size	Total Earned Degrees	% of N Size
Statewide	10,889	100.0	5,264	48.3	777	14.8	1,653	31.4	2,430	46.2
Chinese	399	3.7	299	74.9	64	21.4	161	53.8	225	75.3
Indo-Chinese	81	0.7	49	60.5	8	16.3	24	49.0	32	65.3
Japanese	1,530	14.1	1,135	74.2	169	14.9	510	44.9	679	59.8
Korean	193	1.8	137	71.0	12	8.8	63	46.0	75	54.7
White	1,453	13.3	725	49.9	94	13.0	277	38.2	371	51.2
Multiple	1,290	11.8	594	46.0	83	14.0	181	30.5	264	44.4
Filipino	2,418	22.2	1,154	47.7	208	18.0	236	20.5	444	38.5
Portuguese	266	2.4	99	37.2	16	16.2	18	18.2	34	34.3
Hispanic	227	2.1	91	40.1	14	15.4	17	18.7	31	34.1
Native Hawaiian	2,470	22.7	801	32.4	98	12.2	138	17.2	236	29.5
Am Indian/Alaskan	45	0.4	18	40.0	1	5.6	4	22.2	5	27.8
African American	179	1.6	75	41.9	6	8.0	14	18.7	20	26.7
Samoan	338	3.1	87	25.7	4	4.6	10	11.5	14	16.1

Includes 6 years of degree data.

TABLE 3C
Students Who Earned an Associates or Bachelors Degree
Hawai'i Department of Education Class of 2006 (as of Fall 2011)

Class of 2006 Race/Ethnicity	# of Grads	% of Grad Class	IMMEDIATELY ENROLLED (FALL 2006)							
			# Enrolled (N Size)	% of Grads	Earned Associates Degree	% of N Size	Earned Bachelors Degree	% of N Size	Total Earned Degrees	% of N Size
Statewide	10,680	100.0	5,087	47.6	708	13.9	1,287	25.3	1,995	39.2
Chinese	413	3.9	321	77.7	48	15.0	156	48.6	204	63.6
Japanese	1,443	13.5	1,057	73.3	165	15.6	375	35.5	540	51.1
Am Indian/Alaskan	27	0.3	10	37.0	1	10.0	4	40.0	5	50.0
Korean	187	1.8	127	67.9	7	5.5	49	38.6	56	44.1
White	1,366	12.8	687	50.3	87	12.7	212	30.9	299	43.5
Multiple	1,287	12.1	591	45.9	76	12.9	163	27.6	239	40.4
Portuguese	205	1.9	73	35.6	12	16.4	17	23.3	29	39.7
Indo-Chinese	93	0.9	52	55.9	6	11.5	13	25.0	19	36.5
Filipino	2,474	23.2	1,152	46.6	185	16.1	192	16.7	377	32.7
African American	192	1.8	80	41.7	6	7.5	18	22.5	24	30.0
Hispanic	211	2.0	79	37.4	12	15.2	10	12.7	22	27.8
Native Hawaiian	2,408	22.5	749	31.1	99	13.2	69	9.2	168	22.4
Samoan	374	3.5	109	29.1	4	3.7	9	8.3	13	11.9

Includes 5 years of degree data.

TABLE 3D
Students Who Earned an Associates or Bachelors Degree
Hawai'i Department of Education Class of 2007 (as of Fall 2011)

Class of 2007 Race/Ethnicity	# of Grads	% of Grad Class	IMMEDIATELY ENROLLED (FALL 2007)							
			# Enrolled (N Size)	% of Grads	Earned Associates Degree	% of N Size	Earned Bachelors Degree	% of N Size	Total Earned Degrees	% of N Size
Statewide	10,872	100.0	5,413	49.8	626	11.6	799	14.8	1,425	26.3
Chinese	436	4.0	357	81.9	59	16.5	96	26.9	155	43.4
Korean	186	1.7	143	76.9	13	9.1	36	25.2	49	34.3
White	1,378	12.7	772	56.0	81	10.5	164	21.2	245	31.7
Japanese	1,284	11.8	966	75.2	110	11.4	194	20.1	304	31.5
Am Indian/Alaskan	42	0.4	14	33.3	3	21.4	1	7.1	4	28.6
Multiple	1,269	11.7	587	46.3	53	9.0	93	15.8	146	24.9
Filipino	2,532	23.3	1,255	49.6	172	13.7	131	10.4	303	24.1
Indo-Chinese	79	0.7	48	60.8	3	6.3	8	16.7	11	22.9
Portuguese	189	1.7	83	43.9	11	13.3	6	7.2	17	20.5
Hispanic	258	2.4	90	34.9	9	10.0	9	10.0	18	20.0
African American	189	1.7	87	46.0	5	5.7	12	13.8	17	19.5
Native Hawaiian	2,674	24.6	910	34.0	105	11.5	45	4.9	150	16.5
Samoan	356	3.3	101	28.4	2	2.0	4	4.0	6	5.9

Includes 4 years of degree data.

TABLE 4A
Two-Year to Four-Year Transfers
Hawai'i DOE Graduating Class of 2004 (as of 2011)

Class of 2004 Race/Ethnicity	# of Grads	% of Grad Class	Enrolled Within 2 Years		First Enrollment at 2-Year Postsecondary		First Transfer to 4-Year Postsecondary		Earned a Bachelors Degree	
			# Enrolled (N Size)	% of Grads	# of Students	% of N Size	# of Students	% of 2-Year Postsec	# of Students	% of 4-Year Transfers
Statewide	10,430	100.0	5,909	56.7	3,335	56.4	746	22.4	312	41.8
Korean	166	1.6	128	77.1	51	39.8	17	33.3	11	64.7
Chinese	392	3.8	333	84.9	167	50.2	62	37.1	36	58.1
Indo-Chinese	57	0.5	38	66.7	27	71.1	7	25.9	4	57.1
Japanese	1,438	13.8	1,154	80.3	501	43.4	125	25.0	68	54.4
Multiple	1,180	11.3	626	53.1	376	60.1	90	23.9	42	46.7
African American	169	1.6	91	53.8	58	63.7	15	25.9	6	40.0
Filipino	2,334	22.4	1,331	57.0	877	65.9	171	19.5	65	38.0
White	1,441	13.8	871	60.4	425	48.8	124	29.2	46	37.1
Hispanic	233	2.2	117	50.2	74	63.2	16	21.6	5	31.3
Native Hawaiian	2,390	22.9	969	40.5	615	63.5	95	15.4	26	27.4
Portuguese	237	2.3	102	43.0	63	61.8	6	9.5	1	16.7
Samoan	359	3.4	131	36.5	91	69.5	14	15.4	2	14.3
Am Indian/Alaskan	34	0.3	18	52.9	10	55.6	4	40.0	0	0.0

Includes 7 years of degree data.

Based on the student's **first** enrollment at a 2-year institution, and **first** transfer to a 4-year institution. Does not account for multiple or subsequent transfers.

TABLE 4B
Two-Year to Four-Year Transfers
Hawai'i DOE Graduating Class of 2005 (as of 2011)

Class of 2005 Race/Ethnicity	# of Grads	% of Grad Class	Enrolled Within 2 Years		First Enrollment at 2-Year Postsecondary		First Transfer to 4-Year Postsecondary		Earned a Bachelors Degree	
			# Enrolled (N Size)	% of Grads	# of Students	% of N Size	# of Students	% of 2-Year Postsec	# of Students	% of 4-Year Transfers
Statewide	10,889	100.0	6,321	58.0	3,420	54.1	744	21.8	239	32.1
Chinese	399	3.7	332	83.2	155	46.7	63	40.6	33	52.4
Japanese	1,530	14.1	1,223	79.9	484	39.6	133	27.5	59	44.4
Indo-Chinese	81	0.7	59	72.8	28	47.5	7	25.0	3	42.9
White	1,453	13.3	880	60.6	392	44.5	123	31.4	46	37.4
Hispanic	227	2.1	111	48.9	70	63.1	11	15.7	4	36.4
Native Hawaiian	2,470	22.7	1,036	41.9	661	63.8	109	16.5	32	29.4
Portuguese	266	2.4	123	46.2	76	61.8	11	14.5	3	27.3
Korean	193	1.8	153	79.3	67	43.8	15	22.4	4	26.7
Multiple	1,290	11.8	726	56.3	414	57.0	85	20.5	21	24.7
Samoan	338	3.1	120	35.5	90	75.0	9	10.0	2	22.2
Filipino	2,418	22.2	1,429	59.1	912	63.8	161	17.7	32	19.9
Am Indian/Alaskan	45	0.4	25	55.6	9	36.0	2	22.2	0	0.0
African American	179	1.6	104	58.1	62	59.6	15	24.2	0	0.0

Includes 6 years of degree data.

Based on the student's **first** enrollment at a 2-year institution, and **first** transfer to a 4-year institution. Does not account for multiple or subsequent transfers.

TABLE 4C
Two-Year to Four-Year Transfers
Hawai'i DOE Graduating Class of 2006 (as of 2011)

Class of 2006 Race/Ethnicity	# of Grads	% of Grad Class	Enrolled Within 2 Years		First Enrollment at 2-Year Postsecondary		First Transfer to 4-Year Postsecondary		Earned a Bachelors Degree	
			# Enrolled (N Size)	% of Grads	# of Students	% of N Size	# of Students	% of 2-Year Postsec	# of Students	% of 4-Year Transfers
Statewide	10,680	100.0	6,198	58.0	3,489	56.3	751	21.5	126	16.8
Korean	187	1.8	137	73.3	59	43.1	17	28.8	4	23.5
Chinese	413	3.9	354	85.7	167	47.2	59	35.3	13	22.0
White	1,366	12.8	843	61.7	382	45.3	107	28.0	22	20.6
Japanese	1,443	13.5	1,149	79.6	515	44.8	129	25.0	26	20.2
Multiple	1,287	12.1	727	56.5	399	54.9	95	23.8	18	18.9
Indo-Chinese	93	0.9	68	73.1	49	72.1	11	22.4	2	18.2
Samoan	374	3.5	144	38.5	104	72.2	12	11.5	2	16.7
Filipino	2,474	23.2	1,484	60.0	935	63.0	168	18.0	23	13.7
Hispanic	211	2.0	104	49.3	74	71.2	16	21.6	2	12.5
Native Hawaiian	2,408	22.5	970	40.3	682	70.3	109	16.0	13	11.9
Portuguese	205	1.9	94	45.9	60	63.8	12	20.0	1	8.3
Am Indian/Alaskan	27	0.3	11	40.7	3	27.3	0	0.0	0	0.0
African American	192	1.8	113	58.9	60	53.1	16	26.7	0	0.0

Includes 5 years of degree data.

Based on the student's **first** enrollment at a 2-year institution, and **first** transfer to a 4-year institution. Does not account for multiple or subsequent transfers.

TABLE 4D
Two-Year to Four-Year Transfers
Hawai'i DOE Graduating Class of 2007 (as of 2011)

Class of 2007 Race/Ethnicity	# of Grads	% of Grad Class	Enrolled Within 2 Years		First Enrollment at 2-Year Postsecondary		First Transfer to 4-Year Postsecondary		Earned a Bachelors Degree	
			# Enrolled (N Size)	% of Grads	# of Students	% of N Size	# of Students	% of 2-Year Postsec	# of Students	% of 4-Year Transfers
Statewide	10,872	100.0	6,507	59.9	3,646	56.0	664	18.2	45	6.8
Korean	186	1.7	153	82.3	64	41.8	20	31.3	5	25.0
Chinese	436	4.0	393	90.1	191	48.6	69	36.1	7	10.1
White	1,378	12.7	917	66.5	406	44.3	89	21.9	7	7.9
African American	189	1.7	122	64.6	70	57.4	13	18.6	1	7.7
Multiple	1,269	11.7	736	58.0	409	55.6	69	16.9	5	7.2
Japanese	1,284	11.8	1,040	81.0	435	41.8	94	21.6	6	6.4
Filipino	2,532	23.3	1,540	60.8	975	63.3	163	16.7	9	5.5
Native Hawaiian	2,674	24.6	1,158	43.3	787	68.0	100	12.7	5	5.0
Am Indian/Alaskan	42	0.4	21	50.0	13	61.9	1	7.7	0	0.0
Hispanic	258	2.4	118	45.7	82	69.5	14	17.1	0	0.0
Indo-Chinese	79	0.7	59	74.7	36	61.0	7	19.4	0	0.0
Portuguese	189	1.7	98	51.9	62	63.3	11	17.7	0	0.0
Samoan	356	3.3	152	42.7	116	76.3	14	12.1	0	0.0

Includes 4 years of degree data.

Based on the student's **first** enrollment at a 2-year institution, and **first** transfer to a 4-year institution. Does not account for multiple or subsequent transfers.

APPENDIX 1
Calculation Notes for Tables 1A - 1D

Column	Description	Example (Class of 2004 data for Native Hawaiians)
A	Hawaii DOE Race/Ethnicity breakouts.	
B	Each Ethnicity represents a "sub-population" of the total number of graduates statewide.	
C	Ethnic group as a percentage of the total number of graduates statewide.	$2390/10430 = 22.9\%$
D	Number of students in the ethnic group that attended college in the Fall semester immediately following high school graduation.	
E	Percentage of the ethnic group that attended college in the Fall semester immediately following high school graduation.	$755/2390 = 31.6\%$
F	Number of students in the ethnic group that attended college within 16 months after high school graduation.	
G	Percentage of the ethnic group that attended college within 16 months after high school graduation.	$934/2390 = 39.1\%$
H	Percentage increase between students that attended college immediately after high school graduation, and those that attended college within 16 months after high school graduation.	$(934 - 755)/2390 = 7.5\%$
I	Number of students in the ethnic group that attended college within 2 years after high school graduation.	
J	Percentage of the ethnic group that attended college within 2 years after high school graduation.	$969/2390 = 40.5\%$
K	Percentage increase between students that attended college immediately after high school graduation, and those that attended college within 2 years after high school graduation.	$(969 - 755)/2390 = 9.0\%$
L	Ethnic group as a percentage of the total number of students that attended college within 2 years after high school graduation.	$969/5909 = 16.4\%$
M	Enrollment Gap is defined as the difference between 1) the percentage of the ethnic group that enrolls in college within 2 years after high school graduation, and 2) the percentage of the ethnic group of the total graduating class. Thus, the gap is relative to where the ethnic group started as a percentage of the graduating cohort. The percentage should equate to 0.0 or exceed the percentage of the graduating class. A negative value means the ethnic group is not represented in post-secondary education as their percentage of the graduating class.	$16.4\% - 22.9\% = -6.5\%$ Example: Native Hawaiians make up 22.9% of the statewide graduating class in 2004, however, they represent only 16.4% of the population enrolled in college 2 years after high school graduation. This represents a -6.5% gap in overall % of Native Hawaiians entering college within 2 years of high school graduation compared to their % of the graduating class.