

WASC Retention and Graduation Rate Templates Source Data Overview & Description/Interpretation

UH Hilo Institutional Research Office, July-August 2012

Source Data Procedures:

- Using records from UHAPPS_IROFZ_IRO_BASE (census), a table (of 33,049 records) was created to support this project consisting of all Fall Semester enrolled UH Hilo students (undergrad and graduate level) from Fall 2003 through Fall 2011.
- A total of sixty two data elements were selected from UHAPPS_IROFZ_IRO_BASE and included in the Base population table, among them being all known or imaginable student unique identifiers, demographic characteristics, and academic characteristics needed to support the basic requirements for project data aggregation (or go further beyond).
- A total of seven additional data field elements were added to the created table to facilitate student data recoding and enable cohort aggregation as well as fulfillment of other additional data reporting structural requirements.

Source Data Reporting Disaggregation Procedures:

- Fall semester Entry Cohorts of First Time Full Time Freshmen were identified by presence among Fall semester census enrollment, having initial campus academic history equal to that fall or the summer preceding, being classified as UG student level, were campus Full Time, and whom had the 1st Time Freshman indicator “yes”.
- Fall semester Entry Cohorts of Full Time Transfer Lower and Upper division were identified by presence among Fall semester census enrollment, having initial campus academic history equal to that fall or the summer preceding, being classified as UG student level, campus FT, and whom had 1st Time Freshman indicator “no”. Determination of upper or lower was made by student educational level in that initial entry semester (where JR or SR = upper & FR or SO = lower).
- Student Gender was among institutional elements selected; this institutional data is used directly for reporting disaggregation
- To accommodate, but not be restricted by, template-imposed inconsistency of ethnicity classifications across cohorts (rooted in IPEDS changes...), it was determined that student ethnicity would be recoded uniformly in a manner consistent with UH system, IPEDS 2010 revision. Identified “Hawaiian and Pacific Islander” students would be coded distinctly but either grouped in with or separately from “Asian” students depending on template-reporting cohort “aggregating requirement”. So, in the created field element “EthNonResAlien”:

- 1) Presence of Specified Visa Types = Non Resident Alien,
- 2) Visa Blank, Ethnicity Category 3, Ethnicity Detail Codes HW, or PI or MC or SA or TO or MP or GC or OP or anywhere HAWAIIAN_IRO indicator is “yes” = Hawaii/Pac Isl
- 3) Visa Blank, Ethnicity Category 3, & EthNonResAlien <> Hawaii/Pac Isl = Asian
- 4) Visa Blank, & Ethnicity Category 1 = African American
- 5) Visa Blank, & Ethnicity Category 2 = Native American/Alaska Native
- 6) Visa Blank, & Ethnicity Category 4 = Hispanic
- 7) Visa Blank, & Ethnicity Category 5 = White
- 8) Visa Blank, & Ethnicity Code 6 = Two or More Races (+ no data available)

- Student Pell Status is inferred from joining identified cohort members in the base population to operational data store table ODSMGR_MST_AWARD in Fall semester/aid year equal to student's admit fall term where the fund code =FPELL and the award amount >= \$100.00.
- Cohort Identified Student Initial semester/Fiscal Year Bachelor Degree awarded is inferred from joining identified cohort members in the base population to UHAPPS_IRO_DEGREE to determine the earliest awarded BA, BS, or BBA degree semester/fiscal year—which is used for exit cohort year identification;
- Entry cohort identified students who had earned initial Bachelor degrees in prior semester /years were excluded from all cohort “still enrolled” semester/year measures.
- Time to Degree Calculation was performed using the following procedure. Entry cohort members who earned a Bachelor degree are noted in the base population table with: 1) the initial degree semester and fiscal year, 2) with the number of years representing exit fiscal year minus entry fiscal year, 3) with the number of semesters they were census enrolled at UH Hilo between their own entry semester and exit semester (inclusive of Spring 2012), 4) with the number of Hilo semesters enrolled divided by two—representing “calculated number of years to degree”. It is the student “Calculated Years to Degree” that’s used in the median time to degree determination.

Institutional Data Source Limitations that Impact Reporting on the 2011 Template:

- Because institutional conversion to Banner systems was implemented Fall 2003, consistent & reliably identified Entry cohorts of Freshman and Transfer students for Fall 2001 and Fall 2002 cannot be readily identified for the 8 yr grad rate or 9th year still enrolled measures.
- We can expect that in the 1st Fall semester on campus, all student’s transfer-in credits have yet to be submitted or evaluated—so there may always be an under accounting of upper division transfers as a percentage of all.
However, almost all transfers-in of Fall 2003 and Fall 2004 are identified as FR or SO—presumably because “Banner Era” campus transfer articulation processes were not fully implemented, and/or not fully incorporated into system level operational data store calculation routines until Fall 2005. This denies us a clear look at upper division transfers where 6 year graduation rate and 7th year still enrolled are measured.

Template Imposed Limitations that Impact Reporting on the 2011 Template:

- Template structural demands (format & page display limitations) disallow viewing campus performance across more than 3 successive cohorts for any of the entry cohort 1 yr retention or 2, 4, 6, or 8 yr grad rates measure, or the 7th or 9th yr “still enrolled” measure, or the exit cohort “time to degree” measures.
- Students without specified Genders “M” or “F” are included in the treatment of “All”, but excluded from gender disaggregation on the template.
- Students identified as being of “Two or More Races” are included in the “All” and the disaggregation of all for 1 year retention and Time to Degree segments of the respective (Freshman and Transfer) templates but are omitted from ethnicity disaggregation entirely in the 2, 4, 6, or 8 year graduation rate and the “still enrolled” segments.

Additional Data to Compliment WASC Template

These various blindspots created by deficiencies of source data and/or the WASC Template itself can be seen into more readily using additional data displays from the Campus Institutional Research Office.

2003+2004+2005 Cohorts	Graduation Rate Elsewhere	Graduation Rate MAN or WOA	Graduation Rate UH Hilo*	Overall Grad Rate
Overall - Full-Time and Part-Time Students	6.5%	5.5%	33.7%	45.7%
URM	1.7%	2.7%	28.1%	32.5%
Black	7.1%	7.1%	14.3%	28.6%
Hispanic	9.4%	6.3%	25.0%	40.6%
American Indian / Alaska Native	8.3%	8.3%	33.3%	50.0%
Native Hawaiian	0.0%	3.1%	34.2%	37.3%
Pacific Islander	0.0%	0.0%	23.3%	23.3%
Filipino	3.4%	2.3%	41.4%	47.1%
Non-URM	11.9%	5.9%	39.9%	57.7%
White	13.4%	3.2%	32.3%	48.9%
Asian	3.6%	9.8%	42.3%	55.7%
Neutral/Unknown	3.3%	9.7%	30.1%	43.1%
Mixed Race/Unknown	3.6%	8.5%	30.9%	43.0%
Non-Resident Alien	2.9%	11.5%	28.8%	43.3%
Pell	3.6%	3.2%	35.5%	42.3%
Non-Pell	8.2%	6.9%	32.6%	47.7%
Part-Time	6.1%	3.0%	18.2%	27.3%
Full-Time	6.5%	5.6%	34.1%	46.1%
Male	6.8%	5.3%	30.4%	42.5%
Female	6.3%	5.6%	36.1%	48.0%
Hawaii Resident	2.3%	5.0%	36.0%	43.2%
Hawaii Non-Resident Regular	13.1%	3.8%	27.5%	44.4%
Hawaii Non-Resident WUE	15.8%	5.7%	32.6%	54.1%
Non-Resident Alien	2.9%	11.5%	28.8%	43.3%
Major Change by Directions	1.3%	2.1%	69.1%	72.5%
MJR CH GENSPEC	0.6%	1.8%	72.1%	74.5%
MJR CH SPECGEN	30.0%	0.0%	10.0%	40.0%
MJR CH SPEC SPEC	0.7%	2.6%	66.2%	69.5%
MJR CH Multi-Time	0.0%	0.0%	88.9%	88.9%
MJR CH Multi-Type	0.0%	2.4%	73.2%	75.6%
MJR No Change	8.6%	6.9%	19.2%	34.7%
Summer Enrolled Yes	2.0%	12.2%	52.9%	67.2%
Summer Enrolled No	9.5%	0.9%	20.6%	31.0%

Supplemental Material

UH Hilo First Time Freshman Cohort Fall to Spring & Fall to Fall Persistence

Persistence of All First Time Freshmen

Campus	FTF Cohort	CountFTF	1st Spring	FA-->Spr	FA->Spr%	Fall 1-->Fall 2	FA to FA %
HIL	Fall 2003	443	Sp 2004	395	89.2%	278	62.8%
HIL	Fall 2004	440	Sp 2005	388	88.2%	305	69.3%
HIL	Fall 2005	444	Sp 2006	386	86.9%	287	64.6%
HIL	Fall 2006	471	Sp 2007	417	88.5%	306	65.0%
HIL	Fall 2007	512	Sp 2008	464	90.6%	349	68.2%
HIL	Fall 2008	552	Sp 2009	497	90.0%	378	68.5%
HIL	Fall 2009	471	Sp 2010	438	93.0%	333	70.7%
HIL	Fall 2010	403	Sp 2011	368	91.3%	278	68.9%
Persistence of Classified Undergraduate Full-Time First Time Freshman							
Campus	FT FTF Cohort	CountFT	1st Spring	FA-->Spr	FA->Spr%	Fall 1-->Fall 2	FA to FA %
HIL	Fall 2003	437	Sp 2004	392	89.7%	274	62.7%
HIL	Fall 2004	428	Sp 2005	380	88.8%	297	69.4%
HIL	Fall 2005	423	Sp 2006	374	88.4%	281	66.4%
HIL	Fall 2006	451	Sp 2007	406	90.0%	299	66.3%
HIL	Fall 2007	494	Sp 2008	448	90.7%	338	68.4%
HIL	Fall 2008	535	Sp 2009	487	91.0%	370	69.2%
HIL	Fall 2009	455	Sp 2010	425	93.4%	324	71.2%
HIL	Fall 2010	393	Sp 2011	359	91.3%	272	69.2%

**UH Hilo, Retention in 1st Year, Fall to Fall, Freshman Cohorts
Hawaii Resident Freshmen (Residency Type = R or C)**

TR or FR	Cohort	#	2nd Fall	#	%
FR	Fall 2003	228	Fall 2004	157	68.9%
FR	Fall 2004	241	Fall 2005	172	71.4%
FR	Fall 2005	260	Fall 2006	184	70.8%
FR	Fall 2006	310	Fall 2007	216	69.7%
FR	Fall 2007	350	Fall 2008	250	71.4%
FR	Fall 2008	396	Fall 2009	283	71.5%
FR	Fall 2009	354	Fall 2010	265	74.9%
FR	Fall 2010	302	Fall 2011	217	71.9%

**UH Hilo, Retention in 1st Year, Fall to Fall, Freshman Cohorts
Hawaii NonResident (Residency Type = N)**

TR or FR	Cohort	#	2nd Fall	#	%
FR	Fall 2003	61	Fall 2004	34	55.7%
FR	Fall 2004	86	Fall 2005	61	70.9%
FR	Fall 2005	66	Fall 2006	39	59.1%
FR	Fall 2006	55	Fall 2007	30	54.5%
FR	Fall 2007	56	Fall 2008	35	62.5%
FR	Fall 2008	59	Fall 2009	37	62.7%
FR	Fall 2009	35	Fall 2010	18	51.4%
FR	Fall 2010	36	Fall 2011	23	63.9%

**UH Hilo, Retention in 1st Year, Fall to Fall, Freshman Cohorts
WUE NonResident (Residency Type = W)**

TR or FR	Cohort	#	2nd Fall	#	%
FR	Fall 2003	121	Fall 2004	67	55.4%
FR	Fall 2004	81	Fall 2005	49	60.5%
FR	Fall 2005	75	Fall 2006	43	57.3%
FR	Fall 2006	62	Fall 2007	40	64.5%
FR	Fall 2007	68	Fall 2008	39	57.4%
FR	Fall 2008	58	Fall 2009	33	56.9%
FR	Fall 2009	43	Fall 2010	23	53.5%

Fall to Fall Semester Retention of UH Hilo Classified Undergraduates Excluding Fall Enrolled Academic Year Graduates

* "# Class UG" = Classified, Degree Seeking Undergraduates only. Not total undergraduate enrollment. Excludes any Fall enrolled Classified Undergrad who graduated that Fall, Spring, or Summer.

** "AcYr Grads" = The number of Fall enrolled classified undergrads who would have been counted, but were excluded for the fact of graduation within the Academic Year.

This is not to be confused with the reporting of Campus Fiscal Year Undergraduate Degrees, nor is it reflective of Campus Total Degrees Awarded.

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2003	2,545	451	443	687	465	524	426
# Return Fall 2004		1,712 Overall returning	278	369	332	434	299
% Return Fall 2004		67.26% Overall	62.80%	53.7%	71.4%	82.8%	70.2%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2004	2,547	442	440	645	488	570	404
# Return Fall 2005		1,744 Overall returning	305	334	337	461	307
% Return Fall 2005		68.47% Overall	69.30%	51.8%	69.1%	80.9%	76.0%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2005	2,628	468	444	366	613	751	454
# Return Fall 2006		1,800 Overall returning	287	157	445	592	319
% Return Fall 2006		68.49% Overall	64.60%	42.9%	72.6%	78.8%	70.3%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2006	2,658	490	471	391	591	731	474
# Return Fall 2007		1,840 Overall returning	306	148	435	594	357
% Return Fall 2007		69.22% Overall	65.00%	37.9%	73.6%	81.3%	75.3%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2007	2,641	503	512	291	636	714	488
# Return Fall 2008		1,877 Overall returning	349	142	457	561	368
% Return Fall 2008		71.07% Overall	68.20%	48.8%	71.9%	78.6%	75.4%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2008	2,710	498	552	260	647	753	498
# Return Fall 2009		1,956 Overall returning	378	140	492	607	339
% Return Fall 2009		72.17% Overall	68.50%	53.8%	76.0%	80.6%	68.1%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
17.4%	27.0%	18.3%	20.6%	16.7%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
17.3%	25.3%	19.2%	22.4%	15.9%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
16.9%	13.9%	23.3%	28.6%	17.3%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
17.7%	14.7%	22.2%	27.5%	17.8%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
19.4%	11.0%	24.1%	27.0%	18.5%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
20.4%	9.6%	23.9%	27.8%	18.4%

FR	Fall 2010	48	Fall 2011	27	56.3%
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Fall to Fall Semester Retention of UH Hilo Classified Undergraduates Excluding Fall Enrolled Academic Year Graduates

* "# Class UG" = Classified, Degree Seeking Undergraduates only. Not total undergraduate enrollment. Excludes any Fall enrolled Classified Undergrad who graduated that Fall, Spring, or Summer.

** "AcYr Grads" = The number of Fall enrolled classified undergrads who would have been counted, but were excluded for the fact of graduation within the Academic Year.

This is not to be confused with the reporting of Campus Fiscal Year Undergraduate Degrees, nor is it reflective of Campus Total Degrees Awarded.

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2009	2,857	460	471	282	683	857	564
# Return Fall 2010		2,069 Overall returning	333	142	509	685	400
% Return Fall 2010		72.41% Overall	70.70%	50.4%	74.5%	79.9%	70.9%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
16.5%	9.9%	23.9%	30.0%	19.7%

Fall Sem	# Class UG	AcYr Grad	1stFR	FR	SO	JR	SR
2010	2,813	539	403	265	660	900	585
# Return Fall 2011		2,020 Overall returning	278	121	495	718	408
% Return Fall 2011		71.8% Overall	68.98%	45.7%	75.0%	79.8%	69.7%

% Classified Undergraduates				
1stFR	FR	SO	JR	SR
14.3%	9.4%	23.5%	32.0%	20.8%

Source: UHAPPS_IROFZ_IRO_BASE, census & UHAPPS_IRO_DEGREE, eos

Fall Freshman Cohort Attempting English Composition or Introductory Math within 1st Academic Year

Freshman Cohort	# FTF	% Comp	% Math
2003	443	51.0%	64.6%
2004	440	44.8%	69.5%
2005	444	43.5%	67.1%
2006	471	45.6%	59.9%
2007	512	46.3%	60.5%
2008	552	54.7%	62.7%
2009	471	58.2%	69.2%
2010	403	60.5%	76.7%
2011 *	471	75.6%	77.3%

FRE GAS	373	79%	79%
non-GAS	88	64%	73%

UH Hilo, Retention in 1st Year, Fall to Fall, Transfer Cohorts by Transfer Level

ALL

Freshmen and Sophomore Transfers

Transfer Level	Cohort	#	2nd Fall	#	%
TR Lower	Fall 2003	458	Fall 2004	227	49.6%
TR Lower	Fall 2004	436	Fall 2005	209	47.9%
TR Lower	Fall 2005	308	Fall 2006	129	41.9%
TR Lower	Fall 2006	331	Fall 2007	121	36.6%
TR Lower	Fall 2007	262	Fall 2008	118	45.0%
TR Lower	Fall 2008	197	Fall 2009	83	42.1%
TR Lower	Fall 2009	230	Fall 2010	105	45.7%
TR Lower	Fall 2010	232	Fall 2011	103	44.4%

Junior and Senior Transfers

Transfer Level	Cohort	#	2nd Fall	#	%
TR Upper	Fall 2003	2	Fall 2004	1	50.0%
TR Upper	Fall 2004	7	Fall 2005	7	100.0%
TR Upper	Fall 2005	139	Fall 2006	96	69.1%
TR Upper	Fall 2006	133	Fall 2007	89	66.9%
TR Upper	Fall 2007	141	Fall 2008	90	63.8%
TR Upper	Fall 2008	160	Fall 2009	99	61.9%
TR Upper	Fall 2009	228	Fall 2010	138	60.5%
TR Upper	Fall 2010	219	Fall 2011	136	62.1%

Source: UHAPPS_IROFZ_IRO_BASE, census to census

UH Hilo, Retention in 1st Year, Fall to Fall, Transfer Cohorts by Transfer Level

Hawaii Resident

Freshmen and Sophomore Transfers

Transfer Levl	Cohort	#	2nd Fall	#	%
TR Lower	Fall 2003	126	Fall 2004	92	73.0%
TR Lower	Fall 2004	108	Fall 2005	78	72.2%
TR Lower	Fall 2005	62	Fall 2006	40	64.5%
TR Lower	Fall 2006	76	Fall 2007	55	72.4%
TR Lower	Fall 2007	84	Fall 2008	61	72.6%
TR Lower	Fall 2008	67	Fall 2009	46	68.7%
TR Lower	Fall 2009	87	Fall 2010	64	73.6%
TR Lower	Fall 2010	89	Fall 2011	67	75.3%

Junior and Senior Transfers

Transfer Levl	Cohort	#	2nd Fall	#	%
TR Upper	Fall 2003	2	Fall 2004	1	50.0%
TR Upper	Fall 2004	2	Fall 2005	2	100.0%
TR Upper	Fall 2005	53	Fall 2006	38	71.7%
TR Upper	Fall 2006	48	Fall 2007	44	91.7%
TR Upper	Fall 2007	53	Fall 2008	42	79.2%
TR Upper	Fall 2008	51	Fall 2009	46	90.2%
TR Upper	Fall 2009	83	Fall 2010	65	78.3%
TR Upper	Fall 2010	90	Fall 2011	77	85.6%

Source: UHAPPS_IROFZ_IRO_BASE, census to census

**UH Hilo, Retention in 1st Year, Fall to Fall, Transfer Cohorts by Transfer Level
Hawaii NonResident (Residency Type = N)**

Freshmen and Sophomore Transfers

Transfer Level	Cohort	#	2nd Fall	#	%
TR Lower	Fall 2003	86	Fall 2004	34	39.5%
TR Lower	Fall 2004	125	Fall 2005	58	46.4%
TR Lower	Fall 2005	88	Fall 2006	31	35.2%
TR Lower	Fall 2006	111	Fall 2007	25	22.5%
TR Lower	Fall 2007	103	Fall 2008	32	31.1%
TR Lower	Fall 2008	79	Fall 2009	19	24.1%
TR Lower	Fall 2009	83	Fall 2010	16	19.3%
TR Lower	Fall 2010	90	Fall 2011	14	15.6%

Junior and Senior Transfers

Transfer Level	Cohort	#	2nd Fall	#	%
TR Upper	Fall 2003	0	Fall 2004	0	#DIV/0!
TR Upper	Fall 2004	2	Fall 2005	2	100.0%
TR Upper	Fall 2005	29	Fall 2006	15	51.7%
TR Upper	Fall 2006	38	Fall 2007	22	57.9%
TR Upper	Fall 2007	28	Fall 2008	19	67.9%
TR Upper	Fall 2008	29	Fall 2009	15	51.7%
TR Upper	Fall 2009	36	Fall 2010	23	63.9%
TR Upper	Fall 2010	30	Fall 2011	9	30.0%

UH Hilo, Retention in 1st Year, Fall to Fall, Transfer Cohorts by Transfer Level**WUE NonResident (Residency Type = W)****Freshmen and Sophomore Transfers**

Transfer Level	Cohort	#	2nd Fall	#	%
TR Lower	Fall 2003	114	Fall 2004	74	64.9%
TR Lower	Fall 2004	87	Fall 2005	53	60.9%
TR Lower	Fall 2005	48	Fall 2006	31	64.6%
TR Lower	Fall 2006	44	Fall 2007	28	63.6%
TR Lower	Fall 2007	28	Fall 2008	14	50.0%
TR Lower	Fall 2008	19	Fall 2009	11	57.9%
TR Lower	Fall 2009	26	Fall 2010	16	61.5%
TR Lower	Fall 2010	19	Fall 2011	11	57.9%

Junior and Senior Transfers

Transfer Level	Cohort	#	2nd Fall	#	%
TR Upper	Fall 2003	0	Fall 2004	0	#DIV/0!
TR Upper	Fall 2004	1	Fall 2005	1	100.0%
TR Upper	Fall 2005	39	Fall 2006	29	74.4%
TR Upper	Fall 2006	36	Fall 2007	20	55.6%
TR Upper	Fall 2007	28	Fall 2008	22	78.6%
TR Upper	Fall 2008	26	Fall 2009	20	76.9%
TR Upper	Fall 2009	33	Fall 2010	25	75.8%
TR Upper	Fall 2010	25	Fall 2011	20	80.0%

Highlighting Graduation Rates within 2 years, 4 years and 6 years among Cohort Transfer Lower Division

Number of Cohort Students With Initial UH Hilo Bachelor Degree Earned Before:

Cohort	Year	Cohort N	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
TR Lower	Fall 2003	458	0.9%	7.6%	22.7%	30.1%	33.4%	34.7%	35.8%	36.0%	36.5%
TR Lower	Fall 2004	436	0.0%	1.1%	8.9%	22.9%	31.0%	35.6%	36.9%	37.4%	37.8%
TR Lower	Fall 2005	308	0.0%	0.0%	0.0%	3.2%	13.3%	24.7%	26.9%	29.5%	30.8%
TR Lower	Fall 2006	331	0.0%	0.0%	0.0%	0.0%	3.3%	12.7%	21.5%	27.2%	28.4%
TR Lower	Fall 2007	262	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	13.0%	25.2%	27.9%
TR Lower	Fall 2008	197	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	15.2%	21.8%
TR Lower	Fall 2009	230	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	9.6%
TR Lower	Fall 2010	232	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%

Highlighting Graduation Rates within 2 years, 4 years, 5 years and 6 years among Cohort Transfer Lower Division

Number of Cohort Students With Initial UH Hilo Bachelor Degree Earned Before:

Cohort	Year	Cohort N	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
TR Upper	Fall 2003	2	0.0%	0.0%	0.0%	50.0%	50.0%	100.0%	100.0%	100.0%	100.0%
TR Upper	Fall 2004	7	0.0%	0.0%	57.1%	85.7%	100.0%	100.0%	100.0%	100.0%	100.0%
TR Upper	Fall 2005	139	0.0%	0.0%	2.9%	23.0%	50.4%	60.4%	61.9%	61.9%	63.3%
TR Upper	Fall 2006	133	0.0%	0.0%	0.0%	2.3%	28.6%	48.1%	54.9%	58.6%	59.4%
TR Upper	Fall 2007	141	0.0%	0.0%	0.0%	0.0%	1.4%	21.3%	41.8%	51.1%	53.2%
TR Upper	Fall 2008	160	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	20.0%	40.6%	48.1%
TR Upper	Fall 2009	228	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	18.9%	36.4%
TR Upper	Fall 2010	219	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	21.0%

UH Hilo, Graduation Rates Within 6 Yrs of Hawaii Residents among WASC Cohorts of Full Time Freshmen & Transfer Students

*Includes as Hawaii Resident only residency codes R and C.

Cohort	Cohort FR or TR	Resident	Graduated Within 6 Years	%
Fall 2003	FR	228	83	36.4%
	TR Lower	126	67	53.2%
	TR Upper	2	2	100.0%
Fall 2004	FR	241	88	36.5%
	TR Lower	108	61	56.5%
	TR Upper	2	2	100.0%
Fall 2005	FR	260	104	40.0%
	TR Lower	62	29	46.8%
	TR Upper	53	32	60.4%
Fall 2006	FR	310	125	40.3%
	TR Lower	76	41	53.9%
	TR Upper	48	39	81.3%

Source: UHAPPS_IROFZ_IRO_BASE + UHAPPS_IRO_DEGREE

UH Hilo, Graduation Rates Within 6 Yrs of Hawaii Non Residents among WASC Cohorts of Full Time Freshmen & Transfer Students

*Includes as Non-Resident all Residency type codes other than R or C.

Cohort	Cohort FR or TR	Non Resident	Graduated Within 6 Years	%
Fall 2003	FR	209	59	28.2%
	TR Lower	332	92	27.7%
	TR Upper	0	0	0.0%
Fall 2004	FR	187	61	32.6%
	TR Lower	328	100	30.5%
	TR Upper	5	5	100.0%
Fall 2005	FR	163	49	30.1%
	TR Lower	246	62	25.2%
	TR Upper	86	54	62.8%
Fall 2006	FR	141	47	33.3%
	TR Lower	255	53	20.8%
	TR Upper	85	40	47.1%

Source: UHAPPS_IROFZ_IRO_BASE + UHAPPS_IRO_DEGREE

UH Hilo, Fiscal Year Unduplicated Baccalaureate Degree Earners by Tuition Residency Type at Graduation Semester

FISCAL_YR	Pacific Islander	W.U.E	Non Resident	All Non Resident Types	Resident	Persons
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2004	5.1%	13.1%	14.7%	32.9%	67.1%	450
2005	4.5%	19.3%	9.9%	33.6%	66.4%	446
2006	4.3%	21.8%	13.9%	40.0%	60.0%	532
007	6.3%	19.0%	14.6%	39.8%	60.2%	527
2008	4.8%	19.1%	16.1%	40.0%	60.0%	517
2009	4.2%	16.1%	15.4%	35.8%	64.2%	545
2010	3.8%	15.3%	13.9%	32.9%	67.1%	504
2011	4.0%	12.8%	12.8%	29.5%	70.5%	580
2012	5.9%	9.3%	19.0%	34.1%	65.9%	712

Source: UHAPPS_IRO_DEGREE

UH Hilo, Fiscal Year Unduplicated Baccalaureate Degree Earner High School (of Origin) Type

FISCAL_YR	Hawaii Private	Hawaii Public	All HAWAII	all Other	Persons
2004	7.3%	36.7%	44.0%	56.0%	450
2005	5.6%	38.1%	43.7%	56.3%	446
2006	6.2%	34.0%	40.2%	59.8%	532
2007	7.4%	36.6%	44.0%	56.0%	527
2008	6.6%	36.0%	42.6%	57.4%	517
2009	7.0%	37.4%	44.4%	55.6%	545
2010	7.1%	40.5%	47.6%	52.4%	504
2011	12.2%	40.9%	53.1%	46.9%	580
2012	11.9%	39.6%	51.5%	48.5%	712

Source: UHAPPS_IRO_DEGREE

Data Discussion:

1st Time Freshman RETENTION RATES and GRADUATION RATES:

Fall to Spring Retention and Fall to Fall Retention (census to census) of 1st Time Full Time Freshmen is on a clear general (small/incremental) upswing across the Fall 2003 through (most recent available) Fall 2010 cohorts.

FullTime

Cohort	FA->Spr %	FA to FA %
2003	89.7%	62.7%
2004	88.8%	69.4%
2005	88.4%	66.4%
2006	90.0%	66.3%
2007	90.7%	68.4%
2008	91.0%	69.2%
2009	93.4%	71.2%
2010	91.3%	69.2%

Fall to Spring Retention and Fall to Fall Retention (census to census) of All 1st Time Freshmen is on a clear general (small/incremental) upswing across the Fall 2003 through (most recent available) Fall 2010 cohorts.

All

Cohort	FA->Spr %	FA to FA %
2003	89.2%	62.8%
2004	88.2%	69.3%
2005	86.9%	64.6%
2006	88.5%	65.0%
2007	90.6%	68.2%
2008	90.0%	68.5%
2009	93.0%	70.7%

2010	91.3%	68.9%
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The campus also observes incremental but fluctuating improvement across the 2006 to 2011 cohorts with respect to retention between Fall census to Fall, and Spring, End of Semester (around 97%,95%,96% for retention through Fall; and around from 90%, 93%,92% for retention through Spring)

We also know that the Campus has improved with respect to Fall to Fall retention of all classified undergraduates since 2003.....going from 67.3% to 71.8% (with cyclical dips and upswings). Fall to Fall census retention of FR, SO, JR, & SR is also monitored distinctly among all classified undergrads.

The campus is aware that Retention and Graduation rates are consistently strongest among Hawaii resident students; generally speaking, the increasing share of Residents among the campus population is viewed largely underlying the improvements seen in retention and graduation rates.

Through collaboration with the Education Trust, Campus has a widely communicated body of evidence demonstrating the favorable relationship between student attainment of specified milestones in the 1st academic year and ultimate student retention and graduation rates. The campus now has a procedure for facilitating gateway English and Math enrollment in the 1st year (FREGAS, implement Fall 2011).

The % of Freshmen taking English Comp in the 1st year has been increased from 51% to 76% over the 8 yr span 2003-2011.

The % of Freshmen taking their intro math sequence course in the 1st year has increased from 65% to 77% over the 8 yr span 2003-2011.

Campus 6 Year Graduation Rate of 1st Time FT Freshmen is on a clear uptrend across the past 9 & 10 years , Most particularly too, across the most recent 2003 through 2006 Fall Freshman cohorts going from 30.9% to 38.1% at steady upward increments (of rough 2% & 3% & 2%) across the four cohorts.

UH Hilo 1st Time FT Freshmen

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006*
2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
34.60%	30.20%	30.60%	31.50%	36.30%	32.40%	30.90%	33.30%	36.20%	38.13%

*Fall 2006 cohort graduation rate calculation here is presently “unofficial”, but should hold same when system’s rate calculation campus/rate validation processes with campuses do occur for this most recent reporting cycle (November/December --?-- if as in year prior’s “NEW” procedure).

The campus has progressively awarded more degrees and certificates across the years at both the undergraduate level and more recently (post 2005/6)--- at the graduate level—but that might be expected as enrollment headcounts increase.

But too, there are fluctuations across Fiscal years 2004-2012 up and down within undergrad and graduate levels as well (attributable in part to post-bac cohort/curriculum cycle & ramping up new GR & UG program curriculum cohort/cycles).

Degrees by Level and Overall Degrees

Level	2004	2005	2006	2007	2008	2009	2010	2011	2012*
UG	452	453	537	530	522	547	508	581	721
GR	60	44	79	62	66	67	93	150	194
Total	512	497	614	592	588	614	601	731	915

With respect to these particular data, generally, there are (potentially 5 yr cyclical?) fluctuations up and down when data are viewed across smaller segments within the overall pattern of great improvements. This is evident in each...retention rates, graduation rates, and in total baccalaureate degrees awarded.

Incremental improvements in 1 yr retention rates and 6 year graduation rates via Upswing and Dip fluctuations have already been noted above; These improvements all cumulatively coincide with the campus attainment of all of its own 2002-2010 strategic goals to a) expand into offering graduate level credentials, b) increase headcounts, c) increase Hawaii residents (& within that ,Native Hawaiians) d) improve retention and graduation rates, and e)increase degrees (& within that stem degrees and Native Hawaiian degrees).

The campus has generally attained all of its own 2002-2010 strategic plan goals, with each goal step strategically enhancing our attainment of other goal steps. It remains though, if new curriculum and increased Hawaii residency generally account for the small long and short cycle incremental improvements we observe----there must be further gains to be realized (in future evidence) through programmatic “effectiveness” improvements that’ve already been implemented, or which have yet to be implemented.

About Transfer Student Data:

As shown below, total transfers into UH Hilo have fluctuated a bit up and down but generally show increases --particularly when viewed from Falls 2006 through 2011. Fruition of earlier shifting priorities in Campus marketing, recruitment, & admissions practice + Economic downturn had dragged transfers from non Hawaii institutions to a relative and actual low point at fall 2008).. .while the share of transfers from Hawaii institutions (primarily the UH CCs) has generally picked up the balance --enabling overall numeric increase of fall transfers, and a general percentage increase of transfers among all new entry students relative to peaks and declines in 1st time freshmen cohort size.

(Transfers from Non Hawaii institutions is Presently rebounding with economy and more recent marketing recruitment priority shift toward higher tuition revenue sources)

transfers	2005	2006	2007	2008	2009	2010	2011
Total	781	608	529	497	607	607	646
Hawaii	251	165	164	170	196	224	234
UH CCs	200	141	142	131	150	185	196
Non Hawaii	519	422	355	325	409	371	404

Upper Division Transfers:

Based on the Fall 2005 admit cohort of Full Time Upper Division Transfer Students, Transfer student 6 year graduation rate is around 62% (nearly double the rate observed for Fall 2005 1st time full time freshmen (36%)and all freshmen cohorts more generally which trend around 30-33% historically).

Two year graduation rates for upper division full time transfer's 3yr average is around 20%, while 4 year graduation rates for the same defined population 3yr average is around 55%.

Average 1 year retention rates for upper division full time transfer students are around 61%--slightly less that the campus' 1 yr retention rate typical for 1st time freshmen (69-70%). This probably attributes in large part to the proportion of transfers-in who self identify as "adventure seekers-not intending degree or certificates" and those attending as transfers-in within the context of national student exchange participation (whether per their own intentions & specific social & educational experiences on Hawaii Island or per their own academic plan).

With the 2 year graduation rates for upper division transfers being at just 20% and the 4 or 6 yr rates being at 55% and 62%--- the data suggest that many of these upper division transfer-in students are dedicated and persistent as a group (across long haul 4-6 yrs), but that they are needing to almost entirely rebuild the body of credit hours required to complete a UH Hilo degree (like as if what qualified them as upper division transfers upon admit in the 1st place is not actual valid currency for

degree audit purposes). This observation may largely associate (or most dramatically so) with the share of non-resident transfer students who are entering UH Hilo from institutions outside Hawaii however.

Lower Division Transfers:

Lower division Full time transfer student's average 1 yr retention rate is around 44% (quite a bit lower than the typical 69-70% 1st time full time freshman retention rates); while their 3 yr averaged four year graduation rate is around 24%, and their 3 yr averaged 6 yr graduation rate is about 34%---rather comparable to the 4 and 6 year rates typical of our own 1st time freshmen).

By way of interpreting, those lower division transfers who do split from UH Hilo do so more swiftly than their 1st time full time freshmen counterparts (whether per their own academic plan or their own specific social & educational experiences on Hawaii Island). For those full time lower division transfers who do remain though, Retention through the 1st year and into the 2nd year then reflects comparable progress toward degree at (24% and 34%) as seen among our native 1st time freshmen.

For this group of students then (lower division FT transfers), Retention to the 2nd year more strongly correlates with graduation outcomes within 4 or 6 years than it does typically among our 1st time freshman populations generally.