ENROLLMENT PROJECTIONS
UNIVERSITY OF HAWAI‘I AT MĀNOA
FALL 2010 TO FALL 2015

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FALL 2010 TO FALL 2015

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INTRODUCTION

This report presents information on historical and projected headcount enrollment at the University of Hawaiʻi at Mānoa. The projections are statistical extrapolations of current trends in enrollment. They do not set enrollment targets and, in general, do not take into consideration planned or potential changes in University policies or procedures. They should be considered as an extension into the future of current enrollment trends.

The enrollment projections are based upon unduplicated headcounts of students enrolled in credit courses. Included are students enrolled in regular day courses, as well as students enrolled in continuing education credit courses offered by Outreach College. Unclassified students are also included for all years shown, both historical and projected.

Historical data are included in the figures and tables to facilitate comparison and analysis. They were extracted from student enrollment, academic crossover and course registration data files. Information on Hawai'i public high school seniors by school district was provided by the Department of Education for the State of Hawaiʻi. Information on Hawaiʻi public and private high school graduates were obtained from the Western Interstate Commission for Higher Education (WICHE).

METHODOLOGY

The projections are broken down into three broad groups of students: classified undergraduate, classified graduate and unclassified. Classified undergraduate enrollment is sub-divided by registration status: first-time, transfer, returning and continuing. Within each registration status category, counts are shown by education level. Classified graduate enrollment is sub-divided by degree objective. Unclassified enrollment is divided by academic level (undergraduate and graduate). The projections given here may be considered mid-level forecasts. As measured over five-years, the one-year forecast error has averaged less than 1.0%, while the six-year forecast error has averaged about 8.5%. These error ranges, as applied to the forecast, are shown in Figure 3.

First-time freshmen are sub-divided by the sector and geographic location of the high school attended. Each category is forecast separately: direct entrants from Hawaiʻi public high schools, direct entrants from Hawaiʻi private high schools, freshmen from the U.S. mainland, freshmen from foreign countries (including U.S. related areas) and other first-time freshmen. Direct entrants are students from Hawaiʻi public and private high schools who entered UH Mānoa in the fall semester immediately following graduation from high school. These students represent the traditional core group of first-time freshmen.

The enrollment projections of **direct public entrants** are based upon the forecast of public high school seniors provided by the Hawai‘i Department of Education (see Appendix A). Historical ratios of direct public entrants to public high school senior enrollment are calculated by school district. Enrollment for each year is projected by applying averages of these ratios (by district) to the annual DOE senior enrollment forecast (ending in June of each year). The DOE forecast used in these projections was updated in May 2010.

The projection of **direct private entrants** relies upon the private high school graduate forecast for Hawai‘i published by the Western Interstate Commission for Higher Education (WICHE), most recently updated in March 2008 (see Appendix B). Historical ratios of direct private entrants to total Hawai‘i private high school graduates are first calculated. An average ratio is then applied to the WICHE annual private high school graduate forecast to yield the projected number of first-time freshmen from Hawai‘i private high schools.

First-time freshmen from the **U.S. mainland** increased from 136 in Fall 1999 to 620 in Fall 2004, an increase of over 350%. However, the number has declined somewhat over the last few fall semesters and now appears to be stable at around 500 students. Mainland first-time freshmen are forecast using an average number. First-Time freshmen from **foreign countries and U.S. related areas** (U.S. territorial possessions, commonwealths and republics within the Compact of Free Association) are relatively few in number and have been forecast using averages.

Other first-time freshmen include those who completed high school via the General Education Development (GED) examination and those who graduated from Hawai‘i high schools prior to the 2008-09 academic year. The total number is both small in absolute terms and relatively stable and has been set to a constant.

Classified undergraduate transfer enrollment is sub-divided by previous college type, each of which is forecast separately. Information on previous college has not been available for a number of years, but has been added to the current report from a special study. Transfers from other UH campuses are forecast using a historical trend, measured from Fall 1996 to Fall 2009. The other transfer types are set to constants, based upon calculated averages. Distribution by education level is made using two-year average ratios.

Classified undergraduate returning enrollment has been stable at just below 300 students since Fall 2000. The forecast number has been set to a constant. Distribution by education level is made using the Fall 2009 ratios.

Classified undergraduate continuing enrollment is forecast using continuation rates. In general, a continuation rate is the ratio of continuing enrollment at a given education level to the previous fall semester's total enrollment at the next lower level. In this report, freshmen are projected using the previous year's first-time freshmen, sophomores using the previous year's total freshmen, juniors using the previous year’s sophomores, and seniors the previous year’s upper division total (juniors plus seniors). Average continuation rates are applied to the historical or projected total enrollment by education level to forecast the following year’s continuing enrollment at the next higher level.

Classified graduate enrollment is sub-divided by degree objective, with each category forecast separately: master, doctorate, first-professional, post-baccalaureate and graduate special. **First-professional** counts in medicine and architecture, as well as **post-baccalaureate** and **graduate special** enrollments, have been set to constants. **Master and doctorate** enrollment are forecast using annual growth rates. The growth rates are estimates, based upon information from campus administrators and other factors, such as the state of the economy and estimated demand. The UH School of Law began admitting part-time students in Fall 2008. These part-time admissions are expected to increase total enrollment by about 25 students per year through Fall 2012, after which the enrollment will level off at around 390 students.

Unclassified enrollment is broken out by academic level (undergraduate / graduate), and includes a line item to show students whose home-campus is not UH Mānoa. Overall unclassified enrollment has declined for six consecutive fall semesters. The forecast sets the values to constants at the Fall 2009 levels, though further decline is a possibility.

Table 1 presents six years of historical data with detailed forecasts by registration status and education level. Table 2 presents headcount enrollment by college, broken out by lower division, upper division and graduate level. Student semester hours offered are shown in Table 3 and full-time equivalent (FTE) course enrollment served is given in Table 4. Tables 2, 3 and 4 utilize Fall 2009 enrollment data plus the projected enrollments from 2010 to 2015 as input, then provide enrollment forecasts by college / school using the Fall 2009 proportions to distribute enrollment totals across subunits. Headcount enrollment by attendance status is provided in Table 5. The Fall 2009 proportions have been used to allocate the projected headcounts between full-time and part-time. Appendix A shows historical and projected enrollments of Hawai‘i public high school seniors by geographic district through academic year 2014-15. The numbers shown were provided by the Hawai‘i Department of Education and were last updated in May 2010. Appendix B gives forecasts of Hawai‘i public and private high school graduates through the 2021-2022 school year. This information was published by the Western Interstate Commission for Higher Education (WICHE) in March 2008.

ANALYSIS AND DISCUSSION

- Headcount enrollment at the University of Hawai‘i at Mānoa increased 1.3% in Fall 2009, to measure 20,435 students (Table 1 and Figures 1 & 2). Enrollment has fluctuated up and down somewhat in recent years, but has remained above 20,000 for the last six fall semesters. ***Headcount enrollment is forecast to increase 1.1% in Fall 2010, to measure 20,669.*** Subsequent mild growth will bring the campus total to 21,000 students by Fall 2012.

- First-time freshmen enrollment increased 3.0% in Fall 2009 (Figure 5). Enrollment has rebounded somewhat from the rather sharp 12.2% decline realized in Fall 2006. The pattern is very similar to what happened a decade earlier, when a new tuition schedule with relatively large increases was initiated. This time around, the impact has been less pronounced. Little overall growth in first-time freshmen is anticipated through Fall 2015.

- There are two factors which work to restrain the growth in first-time freshmen enrollment. The first is a lack of growth in the number of Hawai‘i public high school seniors as forecast by the Hawai‘i Department of Education (see Appendix A). However, note that growth in direct public entrants could still occur if going rates (college participation rates) increase. The second factor is that, whereas a decade ago decline in local first-time freshmen was offset by increases in students from the U.S. mainland, in the current environment additional growth in non-resident first-time freshmen enrollment is less assured. The forecast assumes that current levels of non-resident first-time freshmen will remain stable.

- After declining for several years, undergraduate transfer enrollment increased in Fall 2009 (Figure 6). Data on transfer enrollment by previous college shows an upward trend in transfers from other UH campuses. Recent and on-going increases in enrollment at the UH Community Colleges may feed further growth in transfers at the UH four-year campuses, including UH Mānoa. On the basis of this trend, transfers are forecast to increase at about 1% per year through Fall 2015.

- As the largest component of the classified undergraduate headcount, the forecast of continuing student enrollment is the single largest determinant of the overall enrollment forecast. After the tuition increases in Fall 1996, continuing enrollment declined for five consecutive fall semesters before turning upward again in Fall 2002 (Figure 8). However, this time around declines are barely noticeable. Primarily on the basis of anticipated growth in transfer students from other UH campuses, moderate increase in continuing undergraduates is forecast.

- Masters level enrollment increased by about 100 students in Fall 2009, while doctoral level enrollment was only slightly higher. In the current recessionary economic environment, moderate increases in graduate level enrollment can be anticipated, especially at the masters level (Figure 9). First-professional enrollment will increase moderately due to the addition of part-time student cohorts in the School of Law.

SUMMARY AND CONCLUSION

The University of Hawai‘i system is in the midst of a period of strong enrollment growth, which began in earnest in Fall 2008. Most of this growth is occurring at the UH Community Colleges. Enrollment at UH Mānoa has increased only slightly the last two fall semesters. Since these projections are trend based, only mild growth has been forecast for UH Mānoa through Fall 2015. However, students completing study at the UH Community Colleges may be expected to further their education elsewhere, and substantial increases in transfers at the UH four-year campuses in the years ahead are a distinct possibility.

The economic recession is undoubtedly an important factor contributing to the current enrollment growth. However, the changing nature of the job market, with college degree attainment an increasingly important requirement for career preparation, is also helping to fuel growth in enrollment. How the end of the recession, when it comes, will affect future enrollment is highly uncertain, but the demand for college from both traditional first-time students and returning adult learners should remain strong for the foreseeable future.

Figure 1
Historical and Projected Headcount Enrollment

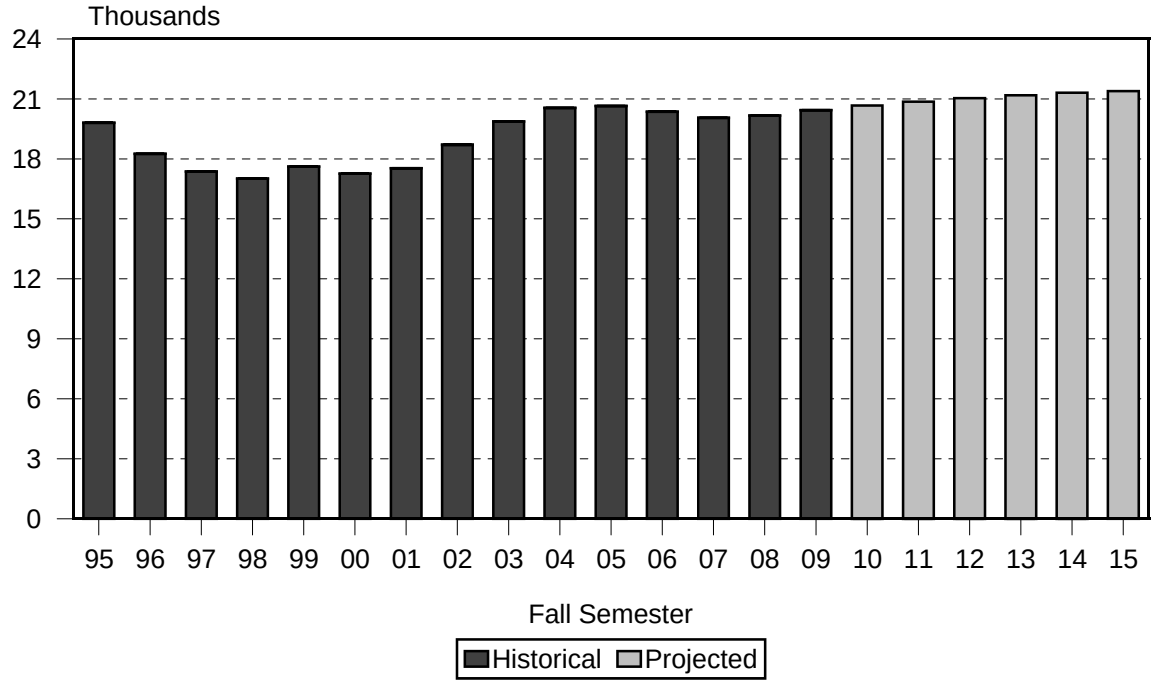

Figure 2
Headcount Enrollment Index

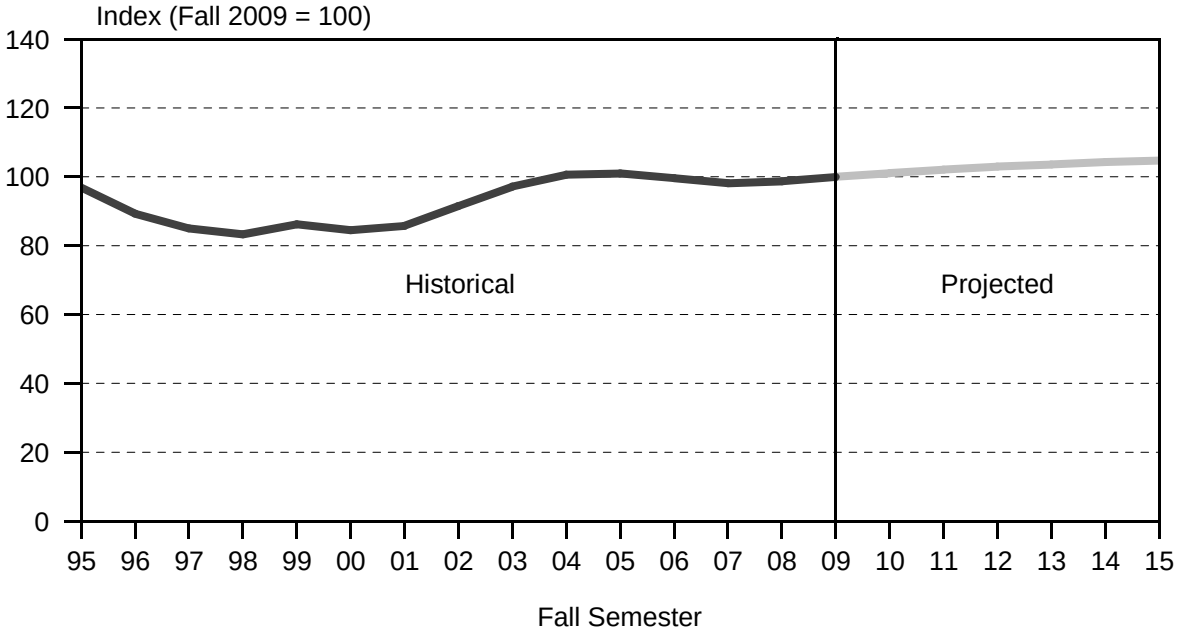

Figure 3
Projected Enrollment with Error Boundaries

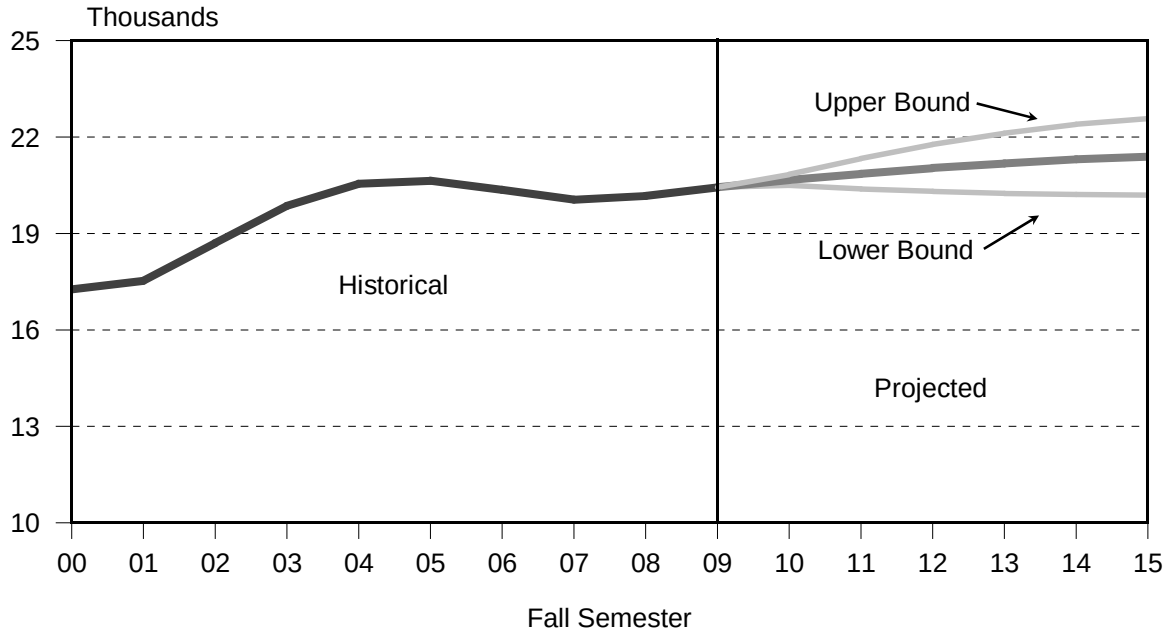

Figure 4
UH Mānoa Headcount Enrollment - Historical

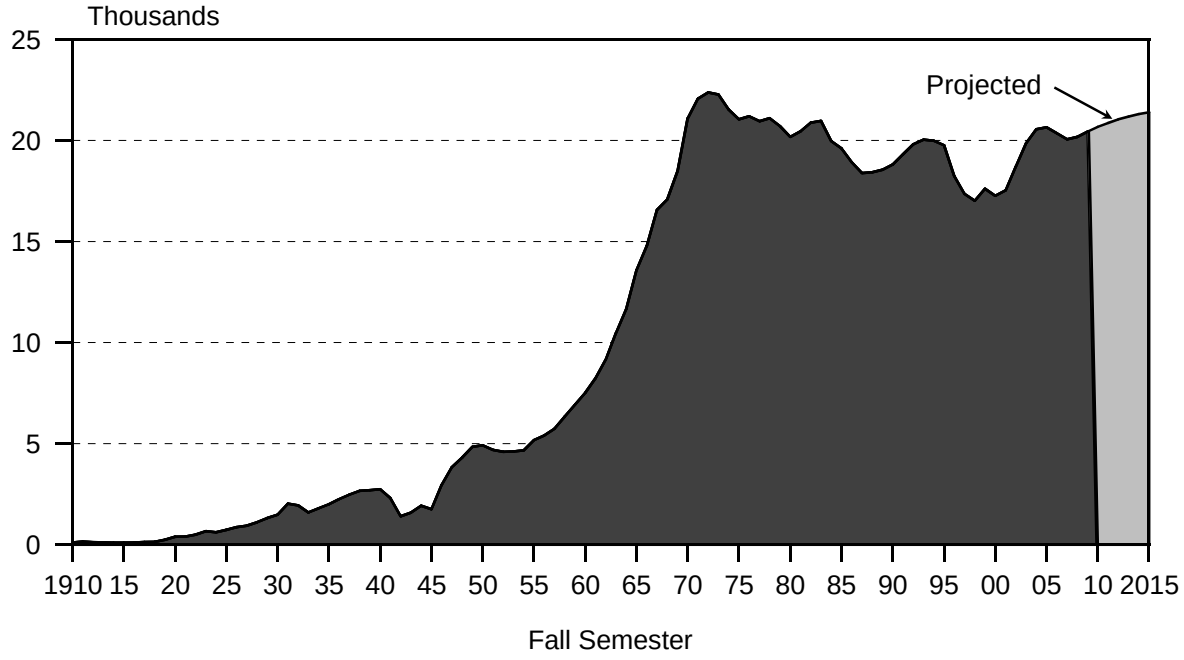

Figure 5
First-Time Freshmen

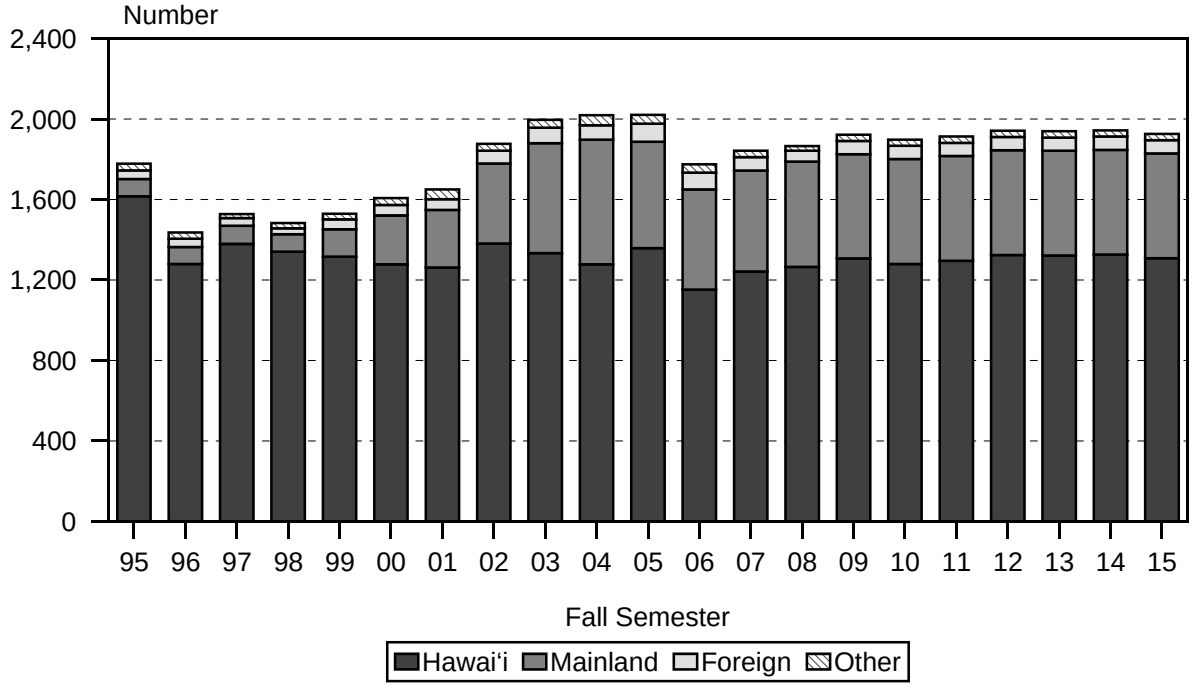

Figure 6
Classified Undergraduate Transfers

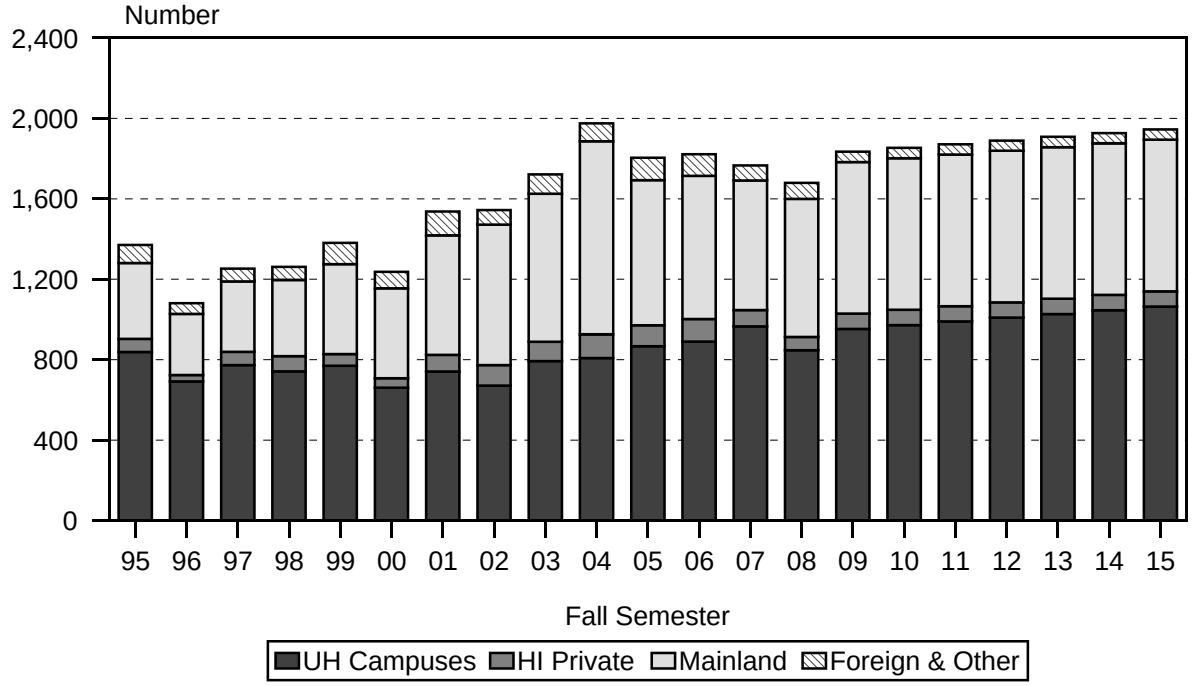

Figure 7
Classified Undergraduate Returning

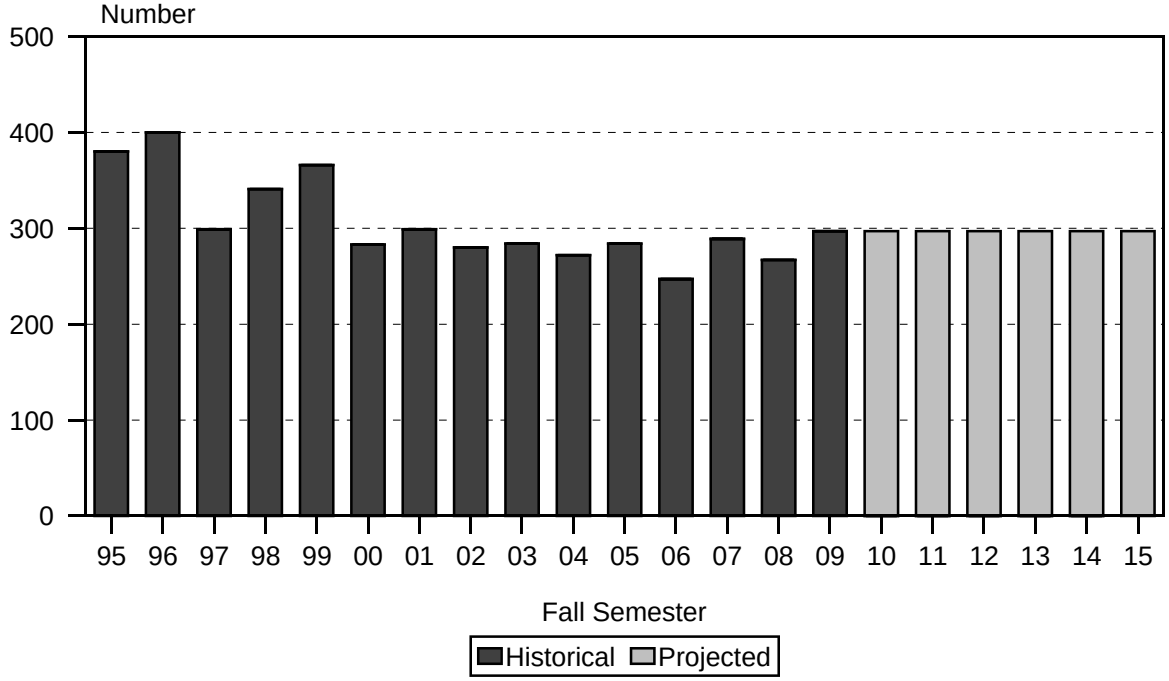

Figure 8
Classified Undergraduate Continuing

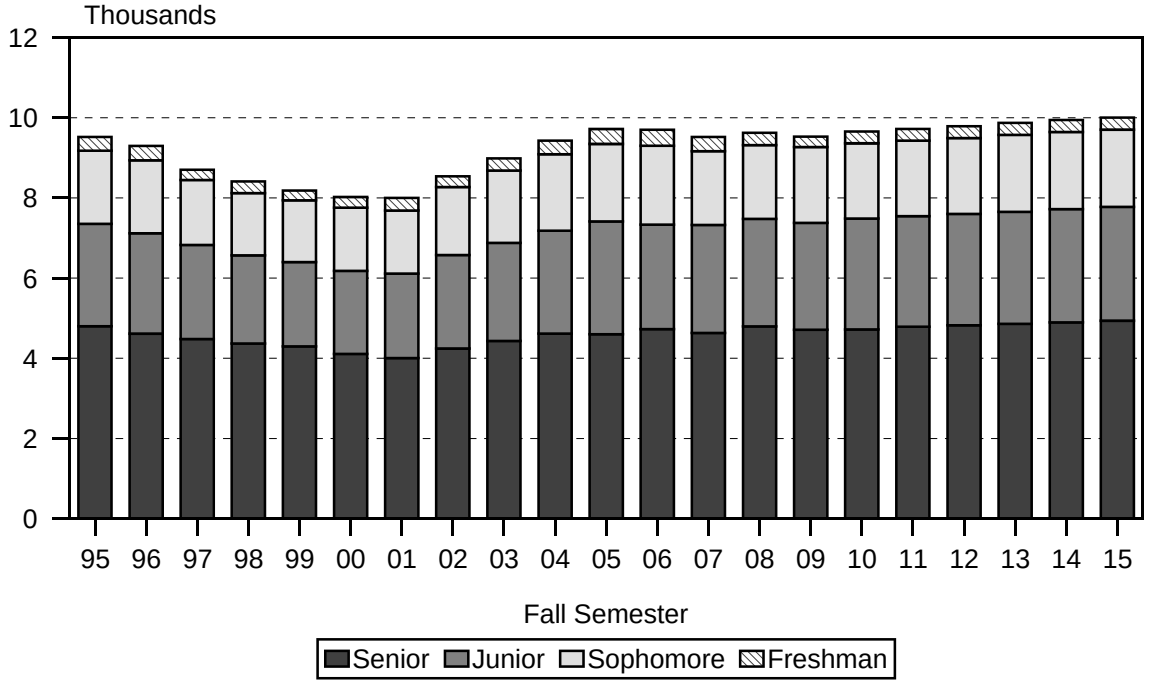

Figure 9
Classified Graduate Enrollment

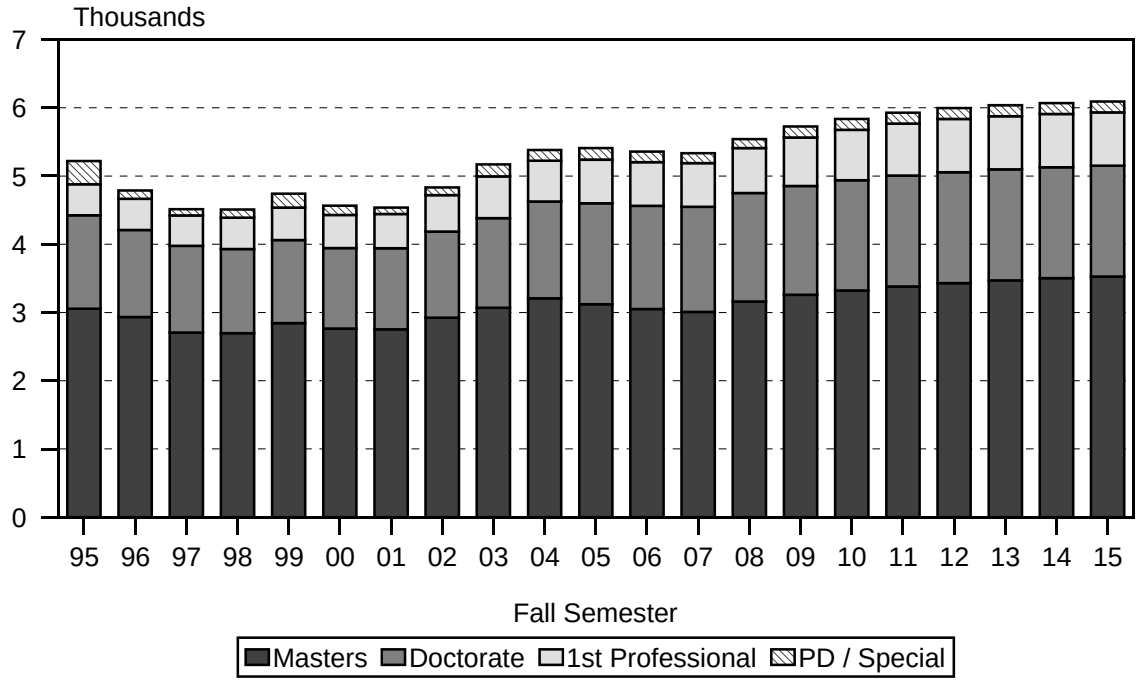

Figure 10
Unclassified Enrollment

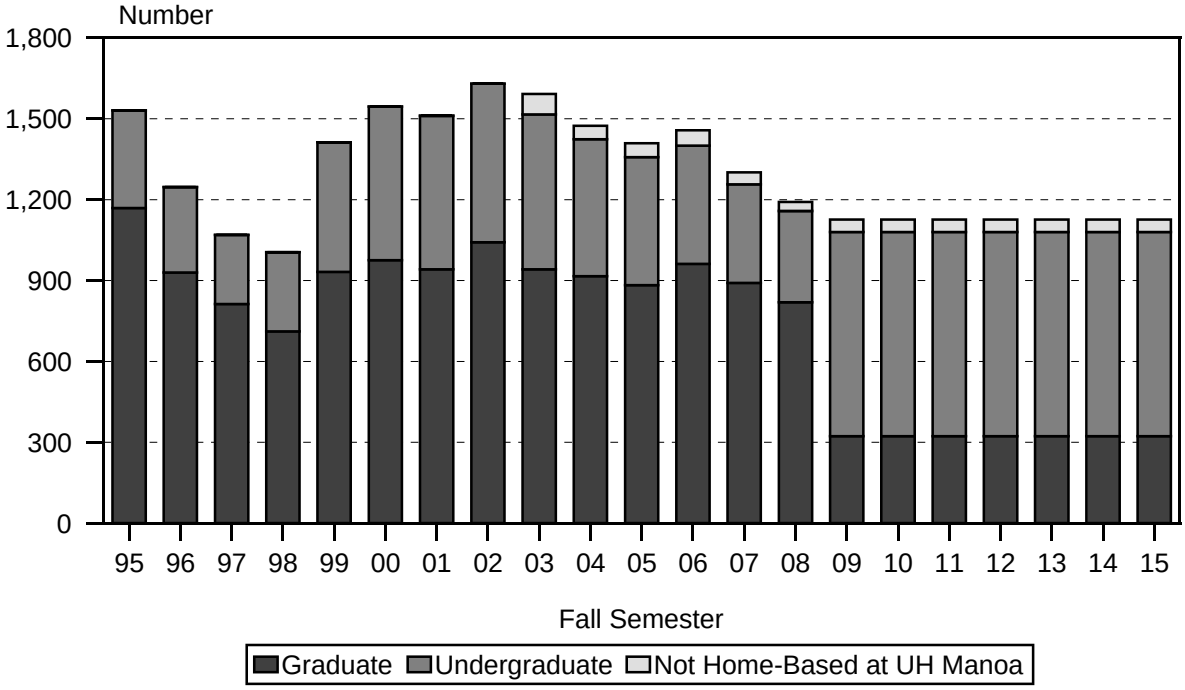

TABLE 1
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS BY REGISTRATION STATUS
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2004 TO FALL 2015

	HISTORICAL						PROJECTED					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Headcount	20,549	20,644	20,357	20,051	20,169	20,435	20,669	20,858	21,039	21,180	21,307	21,389
Classified	19,075	19,235	18,900	18,750	18,978	19,309	19,543	19,732	19,913	20,054	20,181	20,263
Classified Undergraduates	13,693	13,826	13,542	13,417	13,438	13,583	13,707	13,804	13,917	14,017	14,112	14,171
Freshmen	2,558	2,554	2,341	2,363	2,326	2,360	2,369	2,382	2,414	2,418	2,424	2,408
Sophomores	2,626	2,578	2,606	2,475	2,463	2,553	2,549	2,562	2,579	2,611	2,620	2,631
Juniors	3,475	3,689	3,508	3,539	3,505	3,580	3,681	3,685	3,708	3,735	3,777	3,796
Seniors	5,034	5,005	5,087	5,040	5,144	5,090	5,108	5,175	5,216	5,253	5,291	5,336
Entering Classified Undergraduates	4,266	4,109	3,844	3,898	3,812	4,053	4,048	4,081	4,129	4,144	4,168	4,168
First-Time Freshmen	2,019	2,021	1,775	1,843	1,866	1,922	1,898	1,913	1,942	1,939	1,944	1,926
Direct from HI Public High Schools	893	958	773	830	807	872	814	826	864	855	854	829
Direct from HI Private High Schools	385	400	379	412	458	435	466	469	460	466	472	479
U.S. Mainland	620	529	498	502	524	518	521	521	521	521	521	521
Foreign & U.S. Related Areas 1/	71	90	83	67	53	66	66	66	66	66	66	66
Other First-Time Freshmen 2/	50	44	42	32	24	31	31	31	31	31	31	31
Transfer	1,975	1,804	1,822	1,766	1,679	1,834	1,853	1,871	1,890	1,908	1,927	1,945
Freshmen	174	141	150	143	143	163	161	163	164	166	168	169
Sophomores	648	572	570	566	556	599	609	615	622	628	634	640
Juniors	850	809	845	783	769	850	854	862	871	879	887	896
Seniors	303	282	257	274	211	222	229	231	233	235	238	240
Transfer 3/	1,975	1,804	1,822	1,766	1,679	1,834	1,857	1,875	1,894	1,912	1,931	1,949
Other UH Institutions	808	867	890	966	847	953	972	990	1,009	1,027	1,046	1,064
HI Private Institutions	118	104	112	81	66	76	76	76	76	76	76	76
U.S. Mainland Institutions	960	722	712	644	687	754	754	754	754	754	754	754
Foreign & U.S. Related Areas 1/	68	111	107	74	76	47	51	51	51	51	51	51
Other Transfers 4/	21	0	1	1	3	4	4	4	4	4	4	4
Returning	272	284	247	289	267	297	297	297	297	297	297	297
Freshmen	27	22	19	22	8	14	14	14	14	14	14	14
Sophomores	73	75	68	71	69	62	62	62	62	62	62	62
Juniors	60	67	55	65	55	63	63	63	63	63	63	63
Seniors	112	120	105	131	135	158	158	158	158	158	158	158

TABLE 1
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS BY REGISTRATION STATUS
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2004 TO FALL 2015

	HISTORICAL						PROJECTED					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Continuing	9,427	9,717	9,698	9,519	9,626	9,530	9,659	9,723	9,788	9,873	9,944	10,003
Freshmen	338	370	397	355	309	261	296	292	294	299	298	299
Sophomores	1,905	1,931	1,968	1,838	1,838	1,892	1,878	1,885	1,895	1,921	1,924	1,929
Juniors	2,565	2,813	2,608	2,691	2,681	2,667	2,764	2,760	2,774	2,793	2,827	2,837
Seniors	4,619	4,603	4,725	4,635	4,798	4,710	4,721	4,786	4,825	4,860	4,895	4,938
Classified Graduates	5,382	5,409	5,358	5,333	5,540	5,726	5,836	5,928	5,996	6,037	6,069	6,092
Masters	3,207	3,120	3,051	3,007	3,160	3,259	3,324	3,381	3,430	3,471	3,503	3,526
Doctorate	1,419	1,480	1,511	1,542	1,590	1,595	1,615	1,625	1,626	1,626	1,626	1,626
First-Professional	599	640	641	640	658	711	736	761	779	779	779	779
Post-Baccalaureate	119	135	109	101	86	108	108	108	108	108	108	108
Graduate Special	38	34	46	43	46	53	53	53	53	53	53	53
Unclassified	1,474	1,409	1,457	1,301	1,191	1,126	1,126	1,126	1,126	1,126	1,126	1,126
Undergraduates 5/	508	475	452	366	339	323	323	323	323	323	323	323
Graduates	916	883	962	891	819	757	757	757	757	757	757	757
Home-Based at Other UH Campus 6/	50	51	43	44	33	46	46	46	46	46	46	46

1/ Includes U.S. Possessions, Commonwealths and republics within the Compact of Free Association.

2/ Includes GED, students from Hawaiʻi who are not recent high school graduates and records with invalid data on high school.

3/ Breakout by previous college for Fall 2005 and later years taken from special processing conducted by OVPAPP.

4/ Includes records wth invalid data on previous college.

5/ Includes records wth invalid data on education level.

6/ Students whose primary (home) campus, as identified in Banner / ODS, is a UH campus other than UH Mānoa.

TABLE 2
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE	HISTORICAL	PROJECTED					
	2009	2010	2011	2012	2013	2014	2015
Campus Total	20,435	20,669	20,858	21,039	21,180	21,307	21,389
Undergraduate Level	13,952	14,076	14,173	14,286	14,386	14,481	14,540
Lower Division 1/	5,282	5,287	5,313	5,362	5,398	5,413	5,408
Upper Division	8,670	8,789	8,860	8,924	8,988	9,068	9,132
Graduate Level 2/	6,483	6,593	6,685	6,753	6,794	6,826	6,849
Classified	19,309	19,543	19,732	19,913	20,054	20,181	20,263
Undergraduates	13,583	13,707	13,804	13,917	14,017	14,112	14,171
Lower Division	4,913	4,918	4,944	4,993	5,029	5,044	5,039
Upper Division	8,670	8,789	8,860	8,924	8,988	9,068	9,132
Graduates	5,726	5,836	5,928	5,996	6,037	6,069	6,092
Unclassified	1,126	1,126	1,126	1,126	1,126	1,126	1,126
Undergraduate (Lower Division)	323	323	323	323	323	323	323
Graduate Level	757	757	757	757	757	757	757
Home-Based at Other UH 3/	46	46	46	46	46	46	46
COLLEGE OF ARTS & SCIENCES	11,444	11,564	11,653	11,755	11,842	11,914	11,962
Lower Division	4,192	4,196	4,220	4,263	4,292	4,305	4,302
Upper Division	5,353	5,436	5,475	5,515	5,556	5,603	5,645
Graduate Level	1,899	1,932	1,958	1,977	1,994	2,006	2,015
Arts & Humanities	1,389	1,397	1,415	1,427	1,436	1,444	1,455
Lower Division	235	227	233	235	235	235	237
Upper Division	791	801	808	814	820	826	833
Graduate Level	363	369	374	378	381	383	385
Languages, Ling & Lit	1,094	1,108	1,119	1,129	1,137	1,146	1,151
Lower Division	173	173	174	176	177	178	177
Upper Division	534	541	546	550	554	559	563
Graduate Level	387	394	399	403	406	409	411
Natural Sciences	2,052	2,081	2,096	2,119	2,135	2,145	2,155
Lower Division	622	633	634	643	647	648	648
Upper Division	952	962	969	978	986	992	1,000
Graduate Level	478	486	493	498	502	505	507
Social Sciences	1,943	1,968	1,988	2,003	2,019	2,035	2,046
Lower Division	186	186	187	188	190	191	191
Upper Division	1,117	1,131	1,141	1,149	1,157	1,168	1,176
Graduate Level	640	651	660	666	672	676	679
General Arts & Sciences	4,748	4,789	4,812	4,853	4,889	4,917	4,925
Lower Division	2,974	2,975	2,990	3,019	3,041	3,051	3,047
Upper Division	1,774	1,814	1,822	1,834	1,848	1,866	1,878
Other Arts & Sciences	218	221	223	224	226	227	230
Lower Division	2	2	2	2	2	2	2
Upper Division	185	187	189	190	191	192	195
Graduate Level	31	32	32	32	33	33	33

TABLE 2
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE	HISTORICAL	PROJECTED					
	2009	2010	2011	2012	2013	2014	2015
SCH OF HAWAIIAN KNOWLEDGE	237	240	242	244	246	248	248
Lower Division	46	46	46	46	47	47	47
Upper Division	139	141	142	144	144	146	146
Graduate Level	52	53	54	54	55	55	55
SCH OF PACIFIC & ASIAN ST	157	159	161	162	162	165	165
Lower Division	17	17	17	17	17	17	17
Upper Division	74	75	76	76	76	78	78
Graduate Level	66	67	68	69	69	70	70
SCH OF OCEAN & EARTH SCI TECH	305	309	313	315	317	319	322
Lower Division	39	39	39	39	39	40	40
Upper Division	87	88	89	90	90	90	92
Graduate Level	179	182	185	186	188	189	190
SCHOOL OF ARCHITECTURE	350	352	353	355	356	358	358
Lower Division	88	88	88	89	90	90	90
Upper Division	128	130	131	132	132	134	134
1st Professional (ArchD)	134	134	134	134	134	134	134
COLLEGE OF BUSINESS ADMIN	1,428	1,446	1,461	1,474	1,485	1,498	1,507
Lower Division	4	4	4	4	4	4	4
Upper Division	879	887	896	903	909	917	924
Graduate Level	545	555	561	567	572	577	579
Graduate Level (check sum)	432	555	561	568	573	577	579
Masters Degrees	500	509	515	520	524	529	531
Graduate Certificates	13	13	13	14	14	14	14
PhD Program	32	33	33	33	34	34	34
SCH OF TRAVEL INDUSTRY MGT	346	350	352	354	358	361	363
Lower Division	67	67	67	68	69	69	69
Upper Division	269	273	275	276	279	281	283
Graduate Level	10	10	10	10	10	11	11
COLLEGE OF EDUCATION	1,595	1,618	1,637	1,653	1,662	1,673	1,680
Lower Division	5	5	5	5	5	5	5
Upper Division	397	401	405	408	411	415	417
Graduate Level	1,085	1,104	1,119	1,132	1,138	1,145	1,150
Post Baccalaureate	108	108	108	108	108	108	108
COLLEGE OF ENGINEERING	925	934	942	949	957	962	966
Lower Division	301	302	303	306	308	309	308
Upper Division	443	448	452	455	459	462	466
Graduate Level	181	184	187	188	190	191	192
COLLEGE OF TROP AG & HUM RES	754	762	769	776	783	788	791
Lower Division	138	138	139	140	142	142	141
Upper Division	381	385	388	391	394	398	401
Graduate Level	235	239	242	245	247	248	249

TABLE 2
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE	HISTORICAL	PROJECTED					
	2009	2010	2011	2012	2013	2014	2015
SCHOOL OF MEDICINE	507	510	514	516	519	521	522
Upper Division	56	56	57	57	58	59	59
Graduate Level	201	204	207	209	211	212	213
1st Professional (MD)	250	250	250	250	250	250	250
SCHOOL OF NURSING	630	638	645	650	655	660	663
Lower Division	14	14	14	14	14	14	14
Upper Division	401	405	409	412	415	419	421
Graduate Level	215	219	222	224	226	227	228
SCHOOL OF SOCIAL WORK	288	293	297	299	301	303	305
Lower Division	2	2	2	2	2	2	2
Upper Division	63	64	65	65	65	66	66
Graduate Level	223	227	230	232	234	235	237
SCHOOL OF LAW	343	368	393	411	411	411	411
1st Professional	327	352	377	395	395	395	395
Master in Law	16	16	16	16	16	16	16

1/ Includes Unclassified Undergraduates and records with invalid data on education level.
2/ Includes Unclassified Graduates.
3/ Students whose primary (home) campus, as identified in Banner / ODS, is a UH campus other than UH Mānoa.

TABLE 3
STUDENT SEMESTER HOURS OFFERED BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE / FALL SEMESTER	HISTORICAL	PROJECTED					
	2009	2010	2011	2012	2013	2014	2015
TOTAL	233,058	235,519	237,636	239,735	241,335	242,741	243,655
Lower Division	99,835	100,457	101,057	101,958	102,670	103,179	103,384
Upper Division	86,300	87,254	87,991	88,618	89,248	89,938	90,497
Graduate Level	46,923	47,808	48,588	49,159	49,417	49,624	49,774
COLLEGE OF ARTS & SCIENCES 1/	133,895	135,090	136,069	137,220	138,195	138,995	139,515
Lower Division	77,691	78,179	78,648	79,353	79,907	80,289	80,455
Upper Division	45,198	45,727	46,089	46,430	46,759	47,111	47,413
Graduate Level	11,006	11,184	11,332	11,437	11,529	11,595	11,647
Arts & Humanities	28,857	29,076	29,314	29,556	29,758	29,930	30,061
Lower Division	15,166	15,227	15,339	15,470	15,573	15,647	15,686
Upper Division	11,900	12,030	12,131	12,225	12,308	12,397	12,480
Graduate Level	1,791	1,819	1,844	1,861	1,877	1,886	1,895
Languages, Ling & Lit	32,083	32,376	32,615	32,889	33,118	33,327	33,451
Lower Division	19,317	19,448	19,576	19,748	19,887	19,992	20,040
Upper Division	10,659	10,787	10,871	10,953	11,029	11,117	11,182
Graduate Level	2,107	2,141	2,168	2,188	2,202	2,218	2,229
Natural Sciences	33,904	34,200	34,409	34,730	34,982	35,143	35,248
Lower Division	26,215	26,415	26,547	26,798	26,986	27,105	27,157
Upper Division	4,976	5,028	5,066	5,109	5,151	5,177	5,218
Graduate Level	2,713	2,757	2,796	2,823	2,845	2,861	2,873
Social Sciences 1/	37,431	37,807	38,086	38,387	38,666	38,919	39,072
Lower Division	16,032	16,124	16,215	16,356	16,474	16,554	16,580
Upper Division	17,109	17,323	17,456	17,575	17,698	17,846	17,953
Graduate Level	4,290	4,360	4,415	4,456	4,494	4,519	4,539
Other Arts & Sciences	1,620	1,631	1,645	1,658	1,671	1,676	1,683
Lower Division	961	965	971	981	987	991	992
Upper Division	554	559	565	568	573	574	580
Graduate Level	105	107	109	109	111	111	111
SCH OF HAWN KNOWLEDGE	7,577	7,622	7,684	7,749	7,805	7,833	7,855
Lower Division	5,743	5,767	5,804	5,864	5,900	5,925	5,931
Upper Division	1,423	1,436	1,453	1,458	1,471	1,474	1,490
Graduate Level	411	419	427	427	434	434	434
SCH OF PACIFIC & ASIAN ST	1,524	1,538	1,556	1,563	1,569	1,586	1,591
Lower Division	624	628	636	637	640	647	648
Upper Division	616	623	628	631	634	641	644
Graduate Level	284	287	292	295	295	298	299
SCH OF OCEAN & EARTH SCI TECH	4,467	4,507	4,548	4,584	4,619	4,641	4,663
Lower Division	2,260	2,271	2,282	2,302	2,318	2,332	2,336
Upper Division	939	948	957	967	972	973	985
Graduate Level	1,268	1,288	1,309	1,315	1,329	1,336	1,342
SCHOOL OF ARCHITECTURE	3,347	3,365	3,372	3,390	3,398	3,417	3,417
Lower Division	1,175	1,182	1,185	1,197	1,204	1,212	1,212
Upper Division	373	378	380	383	384	389	389
Graduate Level (DArch)	1,799	1,805	1,807	1,810	1,810	1,816	1,816

TABLE 3
STUDENT SEMESTER HOURS OFFERED BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE / FALL SEMESTER	HISTORICAL	PROJECTED					
	2009	2010	2011	2012	2013	2014	2015
COLLEGE OF BUSINESS ADMIN	17,248	17,451	17,614	17,764	17,893	18,037	18,136
Lower Division	2,563	2,589	2,602	2,623	2,645	2,662	2,669
Upper Division	9,958	10,052	10,152	10,230	10,296	10,383	10,458
Graduate Level	4,727	4,810	4,860	4,911	4,952	4,992	5,009
SCH OF TRAVEL INDUSTRY MGT	2,726	2,759	2,775	2,790	2,818	2,842	2,858
Lower Division	490	494	495	500	504	506	507
Upper Division	2,170	2,199	2,214	2,224	2,248	2,263	2,278
Graduate Level	66	66	66	66	66	73	73
COLLEGE OF EDUCATION	18,610	18,829	19,012	19,168	19,274	19,404	19,481
Lower Division	1,478	1,489	1,501	1,511	1,521	1,532	1,538
Upper Division	9,565	9,663	9,745	9,815	9,876	9,955	9,997
Graduate Level	7,567	7,677	7,766	7,842	7,877	7,917	7,946
COLLEGE OF ENGINEERING	6,117	6,187	6,245	6,288	6,342	6,383	6,425
Lower Division	1,152	1,161	1,169	1,177	1,188	1,195	1,199
Upper Division	3,924	3,968	4,003	4,031	4,064	4,092	4,124
Graduate Level	1,041	1,058	1,073	1,080	1,090	1,096	1,102
COLLEGE OF TROP AG & HUM RES	11,591	11,701	11,789	11,885	11,979	12,055	12,100
Lower Division	4,621	4,648	4,675	4,716	4,751	4,776	4,781
Upper Division	5,810	5,875	5,921	5,961	6,011	6,057	6,093
Graduate Level	1,160	1,178	1,193	1,208	1,217	1,222	1,226
SCHOOL OF MEDICINE	12,348	12,395	12,445	12,489	12,532	12,568	12,587
Lower Division	1,733	1,741	1,750	1,766	1,778	1,786	1,790
Upper Division	1,658	1,671	1,688	1,697	1,712	1,730	1,736
Graduate Level	8,957	8,983	9,007	9,026	9,042	9,052	9,061
SCHOOL OF NURSING	5,883	5,952	6,015	6,060	6,106	6,156	6,184
Lower Division	200	202	204	205	207	209	210
Upper Division	4,159	4,199	4,239	4,269	4,299	4,340	4,360
Graduate Level	1,524	1,551	1,572	1,586	1,600	1,607	1,614
SCHOOL OF SOCIAL WORK	2,837	2,884	2,920	2,940	2,960	2,978	2,997
Lower Division	105	106	106	107	107	108	108
Upper Division	507	515	522	522	522	530	530
Graduate Level	2,225	2,263	2,292	2,311	2,331	2,340	2,359
SCHOOL OF LAW	4,888	5,239	5,592	5,845	5,845	5,846	5,846
Graduate Level	4,888	5,239	5,592	5,845	5,845	5,846	5,846

1/ Military Studies is included with Social Sciences, College of Arts & Sciences.

TABLE 4
FULL-TIME EQUIVALENT COURSE ENROLLMENT SERVED BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE / FALL SEMESTER	HISTORICAL 2009	PROJECTED 2010	2011	2012	2013	2014	2015
TOTAL	16,326	16,498	16,658	16,802	16,914	17,007	17,072
Lower Division	6,657	6,696	6,738	6,796	6,845	6,878	6,892
Upper Division	5,754	5,817	5,870	5,908	5,950	5,995	6,033
Graduate Level	3,915	3,985	4,050	4,098	4,119	4,134	4,147
COLLEGE OF ARTS & SCIENCES 1/	9,113	9,192	9,263	9,338	9,405	9,459	9,494
Lower Division	5,181	5,212	5,244	5,290	5,327	5,353	5,363
Upper Division	3,012	3,048	3,074	3,096	3,117	3,140	3,161
Graduate Level	920	932	945	952	961	966	970
Arts & Humanities	1,955	1,969	1,986	2,001	2,015	2,026	2,036
Lower Division	1,011	1,015	1,023	1,031	1,038	1,043	1,046
Upper Division	793	802	809	815	821	826	832
Graduate Level	151	152	154	155	156	157	158
Languages, Ling & Lit	2,172	2,194	2,211	2,229	2,245	2,259	2,267
Lower Division	1,288	1,297	1,305	1,317	1,326	1,333	1,336
Upper Division	709	719	725	730	735	741	745
Graduate Level	175	178	181	182	184	185	186
Natural Sciences	2,307	2,326	2,341	2,363	2,379	2,390	2,397
Lower Division	1,748	1,761	1,770	1,787	1,799	1,807	1,810
Upper Division	332	335	338	341	343	345	348
Graduate Level	227	230	233	235	237	238	239
Social Sciences 1/	2,569	2,593	2,613	2,633	2,653	2,671	2,680
Lower Division	1,070	1,075	1,081	1,090	1,098	1,104	1,105
Upper Division	1,141	1,155	1,164	1,172	1,180	1,190	1,197
Graduate Level	358	363	368	371	375	377	378
Other Arts & Sciences	110	110	112	112	113	113	114
Lower Division	64	64	65	65	66	66	66
Upper Division	37	37	38	38	38	38	39
Graduate Level	9	9	9	9	9	9	9
SCH OF HAWN KNOWLEDGE	513	515	520	524	527	529	530
Lower Division	383	384	387	391	393	395	395
Upper Division	95	96	97	97	98	98	99
Graduate Level	35	35	36	36	36	36	36
SCH OF PACIFIC & ASIAN ST	107	108	108	109	110	111	111
Lower Division	42	42	42	42	43	43	43
Upper Division	41	42	42	42	42	43	43
Graduate Level	24	24	24	25	25	25	25
SCH OF OCEAN & EARTH SCI TECH	320	321	325	327	331	331	334
Lower Division	151	151	152	153	155	155	156
Upper Division	63	63	64	64	65	65	66
Graduate Level	106	107	109	110	111	111	112
SCHOOL OF ARCHITECTURE	253	254	255	257	257	258	258
Lower Division	78	79	79	80	80	81	81
Upper Division	25	25	25	26	26	26	26
Graduate Level (DArch)	150	150	151	151	151	151	151

TABLE 4
FULL-TIME EQUIVALENT COURSE ENROLLMENT SERVED BY COLLEGE
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

COLLEGE / FALL SEMESTER	HISTORICAL 2009	PROJECTED 2010	2011	2012	2013	2014	2015
COLLEGE OF BUSINESS ADMIN	1,228	1,244	1,255	1,266	1,275	1,285	1,292
Lower Division	170	173	173	175	176	177	178
Upper Division	664	670	677	682	686	692	697
Graduate Level	394	401	405	409	413	416	417
SCH OF TRAVEL INDUSTRY MGT	184	186	187	187	190	191	192
Lower Division	33	33	33	33	34	34	34
Upper Division	145	147	148	148	150	151	152
Graduate Level	6	6	6	6	6	6	6
COLLEGE OF EDUCATION	1,367	1,383	1,397	1,409	1,415	1,426	1,431
Lower Division	99	99	100	101	101	102	103
Upper Division	638	644	650	654	658	664	666
Graduate Level	630	640	647	654	656	660	662
COLLEGE OF ENGINEERING	424	430	434	437	441	444	447
Lower Division	76	77	78	78	79	80	80
Upper Division	261	265	267	269	271	273	275
Graduate Level	87	88	89	90	91	91	92
COLLEGE OF TROP AG & HUM RES	793	800	806	812	819	824	827
Lower Division	308	310	312	314	317	318	319
Upper Division	388	392	395	397	401	404	406
Graduate Level	97	98	99	101	101	102	102
SCHOOL OF MEDICINE	974	976	981	983	987	988	990
Lower Division	116	116	117	118	119	119	119
Upper Division	111	111	113	113	114	115	116
Graduate Level	747	749	751	752	754	754	755
SCHOOL OF NURSING	417	422	428	431	434	437	440
Lower Division	13	13	14	14	14	14	14
Upper Division	277	280	283	285	287	289	291
Graduate Level	127	129	131	132	133	134	135
SCHOOL OF SOCIAL WORK	226	230	233	235	236	237	239
Lower Division	7	7	7	7	7	7	7
Upper Division	34	34	35	35	35	35	35
Graduate Level	185	189	191	193	194	195	197
SCHOOL OF LAW	407	437	466	487	487	487	487
Graduate Level	407	437	466	487	487	487	487

1/ Military Studies is included with Social Sciences, College of Arts & Sciences.

TABLE 5
HEADCOUNT ENROLLMENT BY ATTENDANCE STATUS
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 2009 TO FALL 2015

ATTENDANCE STATUS	ACTUAL 2009	PROJECTED 2010	2011	2012	2013	2014	2015
TOTAL	20,435	20,669	20,858	21,039	21,180	21,307	21,389
Full-time.....	14,726	14,895	15,032	15,161	15,263	15,355	15,413
Lower Division	4,712	4,766	4,810	4,851	4,884	4,913	4,932
Upper Division	6,649	6,725	6,787	6,846	6,891	6,933	6,959
Graduate Level	3,365	3,404	3,435	3,464	3,488	3,509	3,522
Part-time	5,709	5,774	5,826	5,878	5,917	5,952	5,976
Lower Division 1/	567	573	577	584	587	591	594
Upper Division	2,024	2,047	2,066	2,084	2,098	2,110	2,118
Graduate Level	3,118	3,154	3,183	3,210	3,232	3,251	3,264

1/ Includes records with invalid data on education level.

Lower Division = Freshmen, Sophomores & Unclassified Undergraduate students.
Upper Division = Juniors & Seniors

APPENDIX A
HAWAIʻI PUBLIC HIGH SCHOOL SENIORS BY SCHOOL DISTRICT
ACADEMIC YEARS 2003-04 TO 2014-15

SCHOOL DISTRICT	HISTORICAL							PROJECTED				
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
TOTAL	9,197	9,362	9,472	9,289	9,819	9,990	9,400	9,603	9,945	9,863	9,868	9,682
Oʻahu Districts	5,815	5,883	6,189	6,033	6,370	6,370	6,032	6,100	6,398	6,300	6,249	5,954
Honolulu District	1,600	1,661	1,689	1,656	1,664	1,726	1,566	1,626	1,649	1,727	1,715	1,640
Central District	1,611	1,643	1,715	1,746	1,699	1,753	1,697	1,619	1,851	1,683	1,656	1,561
Leeward District	1,683	1,716	1,852	1,833	2,157	2,091	2,039	2,078	2,120	2,154	2,073	1,972
Windward District	921	863	933	798	850	800	730	777	778	736	805	781
Neighbor Island Districts	3,207	3,314	3,107	3,073	3,225	3,372	3,134	3,231	3,263	3,273	3,322	3,425
Hawaiʻi District	1,514	1,527	1,442	1,416	1,474	1,565	1,520	1,455	1,542	1,544	1,456	1,488
Maui District	1,111	1,173	1,048	1,112	1,159	1,179	1,091	1,193	1,112	1,159	1,202	1,351
Kauaʻi District	582	614	617	545	592	628	523	583	609	570	664	586
Other Schools	175	165	176	183	224	248	234	272	284	290	297	303
Charter Schools 1/	175	165	176	183	224	248	234	272	284	290	297	303

1/ Includes all districts.

Source: Department of Education for the State of Hawaiʻi. Regular Education seniors only.

APPENDIX B
HAWAI‘I HIGH SCHOOL GRADUATES
WICHE HISTORICAL AND PROJECTED - 2008 SERIES

Academic Year	Total	Pct Chnge	Public	Pct Chnge	Private	Pct Chnge
1991-92	11,520		9,160		2,360	
1992-93	11,155	-3.2	8,854	-3.3	2,301	-2.5
1993-94	11,806	5.8	9,369	5.8	2,437	5.9
1994-95	11,794	-0.1	9,407	0.4	2,387	-2.1
1995-96	11,836	0.4	9,387	-0.2	2,449	2.6
1996-97	11,547	-2.4	8,929	-4.9	2,618	6.9
1997-98	12,246	6.1	9,670	8.3	2,576	-1.6
1998-99	12,247	0.0	9,714	0.5	2,533	-1.7
1999-00	13,398	9.4	10,437	7.4	2,961	16.9
2000-01	13,490	0.7	10,102	-3.2	3,388	14.4
2001-02	13,536	0.3	10,452	3.5	3,084	-9.0
2002-03	12,793	-5.5	10,013	-4.2	2,780	-9.9
2003-04	12,886	0.7	10,324	3.1	2,562	-7.8
2004-05	13,374	3.8	10,813	4.7	2,561	0.0
2005-06	13,380	0.0	10,723	-0.8	2,657	3.7
2006-07	13,425	0.3	10,685	-0.4	2,740	3.1
2007-08	14,126	5.2	11,115	4.0	3,011	9.9
2008-09	14,253	0.9	11,287	1.5	2,966	-1.5
2009-10	13,838	-2.9	10,702	-5.2	3,136	5.7
2010-11	13,743	-0.7	10,588	-1.1	3,155	0.6
2011-12	13,608	-1.0	10,511	-0.7	3,097	-1.8
2012-13	13,406	-1.5	10,268	-2.3	3,138	1.3
2013-14	13,390	-0.1	10,211	-0.6	3,179	1.3
2014-15	13,114	-2.1	9,887	-3.2	3,227	1.5
2015-16	13,005	-0.8	9,955	0.7	3,050	-5.5
2016-17	12,823	-1.4	9,888	-0.7	2,935	-3.8
2017-18	13,030	1.6	9,977	0.9	3,053	4.0
2018-19	12,686	-2.6	9,695	-2.8	2,991	-2.0
2019-20	13,029	2.7	9,956	2.7	3,073	2.7
2020-01	13,482	3.5	10,322	3.7	3,160	2.8
2021-22	13,606	0.9	10,423	1.0	3,183	0.7

Note: Horizontal line delimits actual from projected numbers, as measured by WICHE.

Note: WICHE "Historical" data may differ from UH IRO compiled data shown in the MAPS reports on the High School Background of First-Time Students.

SOURCE: "Knocking at the Door, Projections of High School Graduates by State and Race/Ethnicity, 1992 to 2022," March 2008, WICHE.