ENROLLMENT PROJECTIONS

UNIVERSITY OF HAWAI‘I - WEST O‘AHU

FALL 2002 TO FALL 2008

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INTRODUCTION

This report presents information on actual and projected headcount enrollment for the University of Hawaiʻi-West Oʻahu. The projections are statistical extrapolations of current trends in enrollment. They are not target enrollment projections, 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, and may be used as a foundation for further work in planning and budgeting.

The enrollment projections are based on unduplicated headcounts of students enrolled in credit programs. Included are students enrolled in programs leading to a baccalaureate degree and unclassified students. Historical data are included in the figures and tables to facilitate comparison and analysis. They were extracted from the Student Enrollment Reports, the Academic Crossover Studies and the Course Registration Reports.

METHODOLOGY

The Fall 2002 projection report offers three projection series - high, middle and low. The values in the separate series were produced by varying the input values used in the model from among the range of available values. Otherwise, the model uses the same general methodology for all three series.

The projections are organized by registration status: transfer and continuing / returning students. Within these registration status categories, the enrollment projections are broken down by educational level (junior, senior and unclassified).

Transfer enrollment is forecast by education level. For juniors, the three series are based upon internal trends: the high series on the trend from 1991 to 2001; the middle series on the trend from 1989 to 2001; the low series on the trend from 1981 to 2001. The number of senior and unclassified students are set to constants for all three series.

Continuing / Returning enrollment is projected using continuation rates by education level. In general, a continuation rate is the ratio of continuing / returning enrollment at a given education level to the previous fall semester's total enrollment at the next lower level. In this report, for juniors the continuation rate is calculated using the ratio of continuing / returning juniors to the previous fall semester's total enrollment of juniors and unclassified students. For seniors, the continuation rate is calculated using the ratio of continuing / returning senior enrollment to the previous fall semester's upper division headcount (sum of juniors and seniors). Unclassified student continuing / returning enrollment is set to a constant for all three projection series.

In addition to the high, middle and low enrollment projection series given in Table 1,

detailed tables are included which project headcount enrollment, student semester hours offered, and full-time equivalent course enrollments. **The data in all subsequent tables are based upon the middle projection series presented in Table 1.**

Table 2 presents seven years of historical data and detailed forecasts by education level and registration status. Table 3 presents headcount enrollment by program. Student semester hours (SSH) offered are shown in Table 4 and full-time equivalent (FTE) course enrollments are given in Table 5. Tables 3, 4 and 5 utilize Fall 2001 data plus the projected enrollments for 2002 to 2008 as input, then forecast the counts by program using the Fall 2001 proportional distribution across programs. Headcount enrollment by attendance status is provided in Table 6. This table utilizes the two-year average proportions to divide the projected headcounts between full-time and part-time students.

ANALYSIS AND HIGHLIGHTS

- Headcount enrollment at the University of Hawai‘i-West O‘ahu grew 11.3% in Fall 2001 to 740 students, the highest enrollment since Fall 1994 (Table 2 & Figure 1). Enrollment is forecast (middle series) to increase by 2.7% in Fall 2002 to reach 760 students, and to grow through Fall 2008 at an average annual rate of 2.3%.

- The two alternate projection series allow for robust growth on the high side and flat enrollment on the low side (Table 1 & Figure 3). The high series forecasts a 9.3% increase in Fall 2002 and continued enrollment growth through Fall 2008 at an average annual rate of 4.5%. The low series sees enrollment declining 3.6% in Fall 2002 and remaining below 730 students through Fall 2008.

- The increase in enrollment in Fall 2001 was due to an increase in transfers (Table 2). Overall, transfer enrollment increased by 76 students (42.5%). In contrast, continuing / returning enrollment remained about the same as the previous year. By education level, the enrollment increase was concentrated among unclassifieds. Unclassified enrollment increased by 71 students in Fall 2001 (+160%). In contrast, upper division enrollment remained about the same as the previous year.

- As an upper division campus, transfer enrollment drives growth at UH-West O‘ahu. The trend in transfer enrollment has been moderately upward since Fall 1981 (see Figure 5). The middle series transfer enrollment forecast lies slightly above this trend line. Although the long-term trend is also up, continuing / returning enrollment has been flat since 1990 (Figure 6). The middle series forecast lies slightly below the 1981-91 trend line.

- Since the founding of the campus in 1977, enrollment at UH-West O‘ahu has grown in a series of jumps, followed by periods of slower growth or slight decline (Figure 4). Large enrollment increases in consecutive fall semesters are rare. As a small campus, however, total enrollment may be highly sensitive to campus policies and practices on admissions.

Figure 1
Historical & Projected Headcount Enrollment

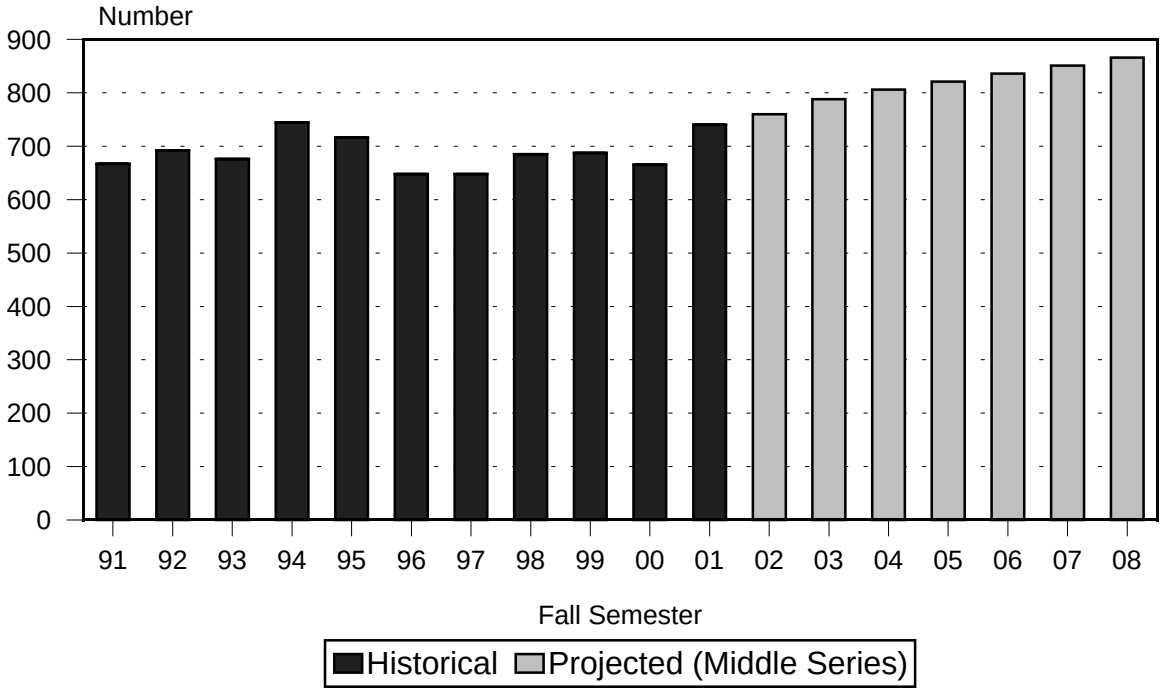

Figure 2
Enrollment Index

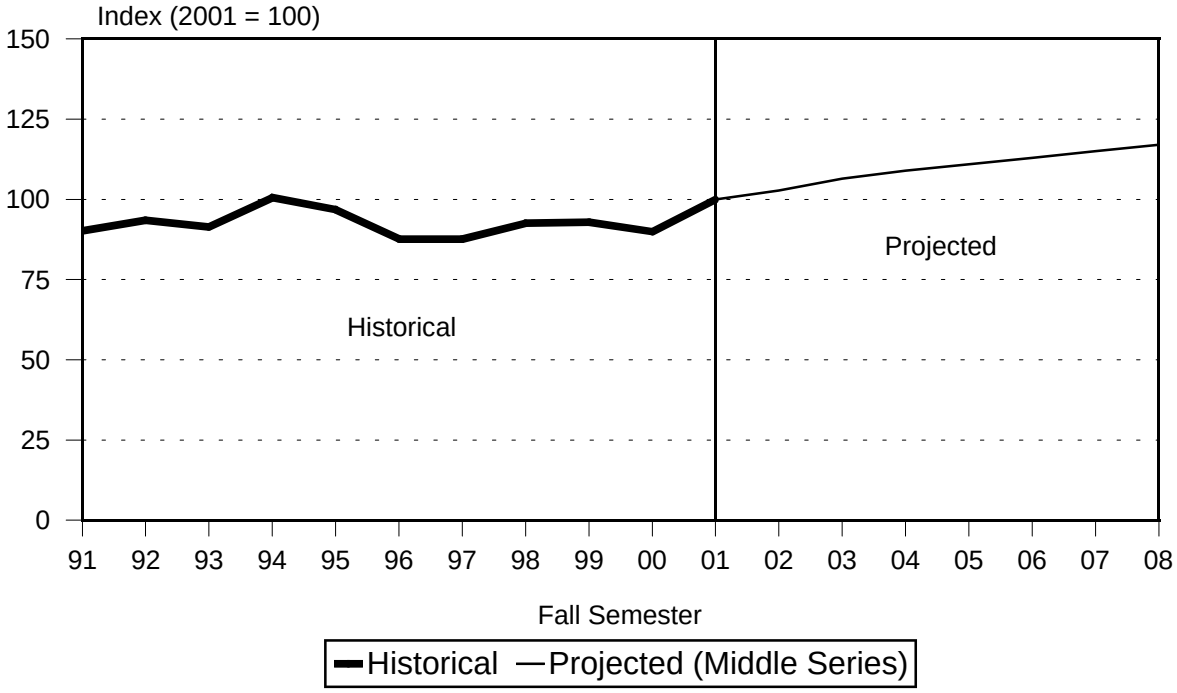

Figure 3
High, Middle and Low Projection Series

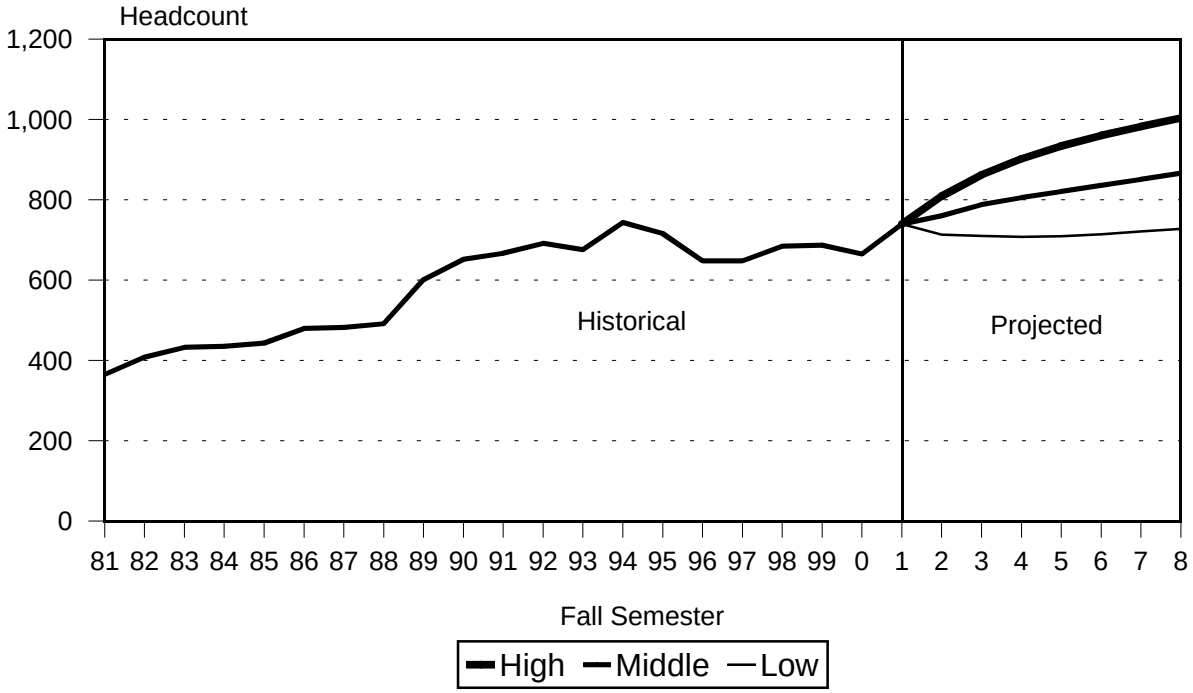

Figure 4
Historical Enrollment with Trend Line

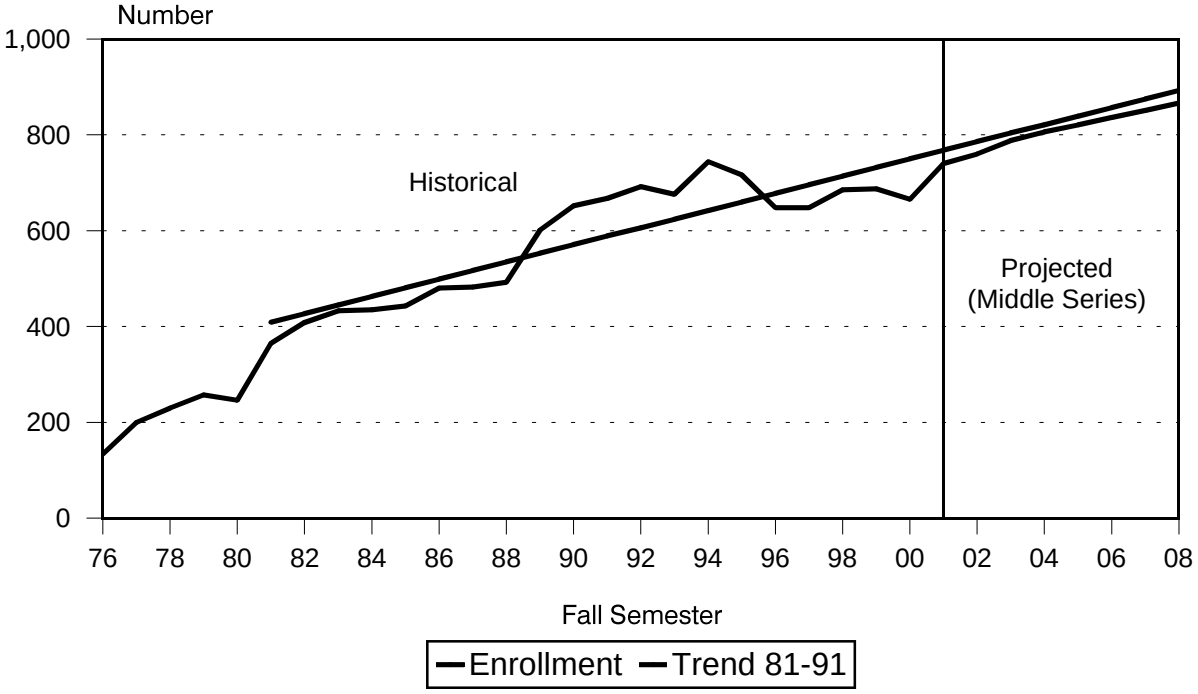

Figure 5
Transfer Enrollment

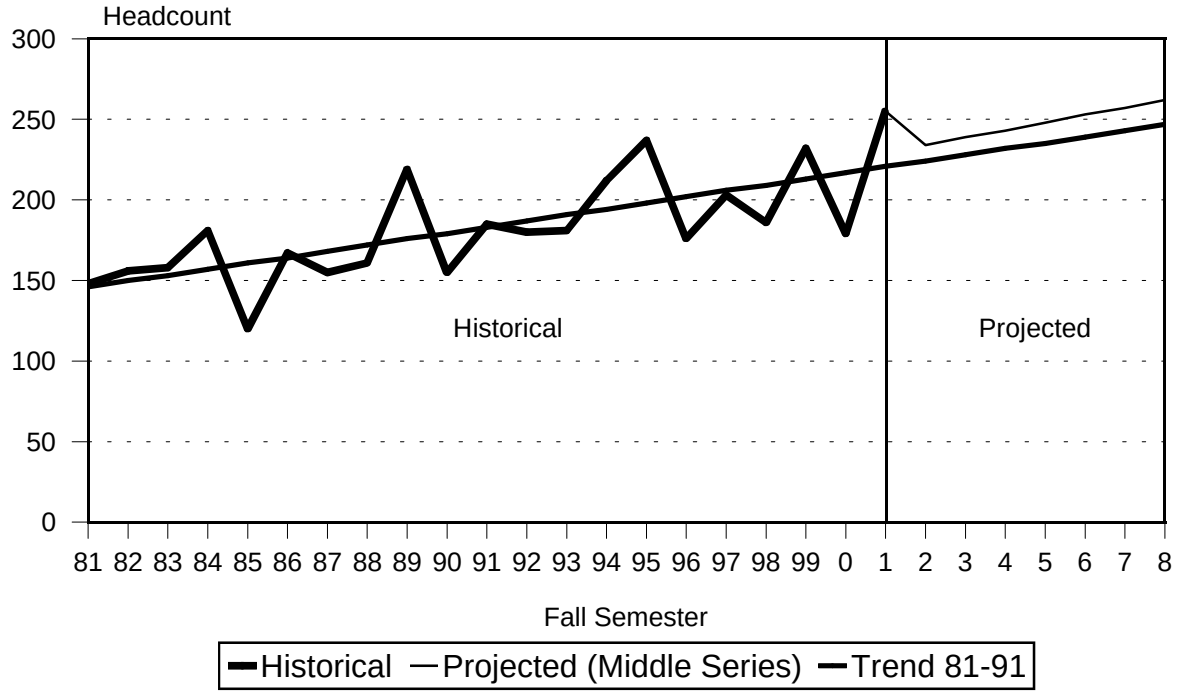

Figure 6
Continuing / Returning Enrollment

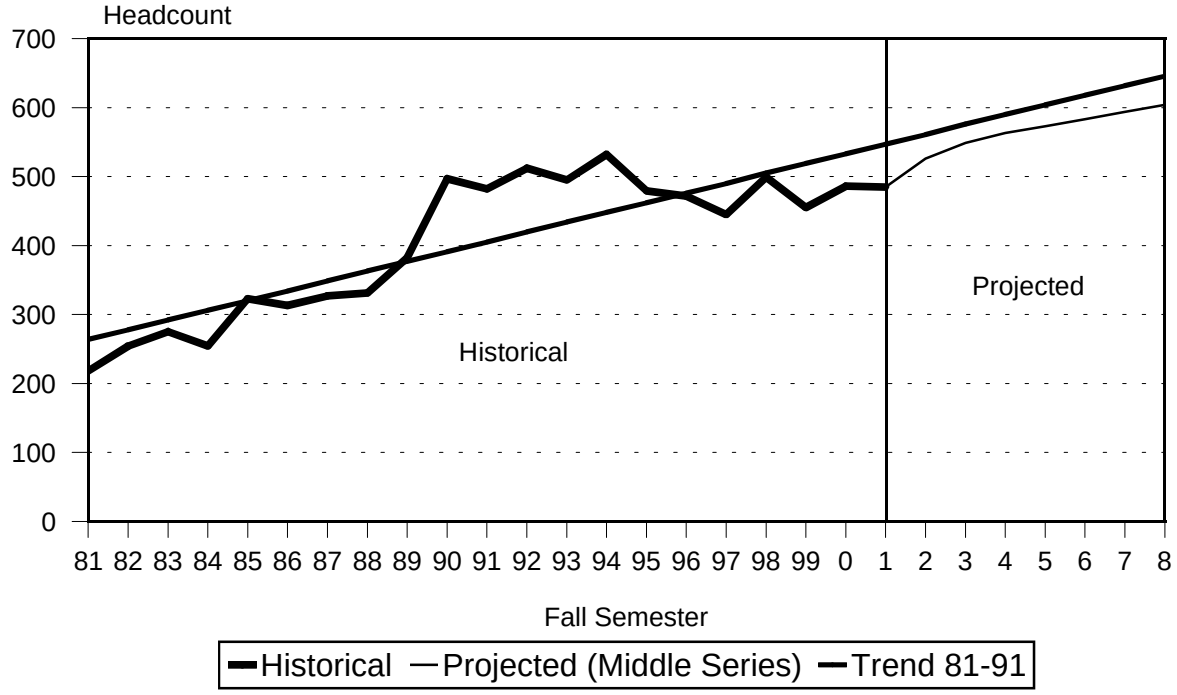

TABLE 1
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS
LOW, MIDDLE AND HIGH PROJECTION SERIES
UNIVERSITY OF HAWAIʻI-WEST OʻAHU
FALL 2001 TO FALL 2008

PROJECTION SERIES	ACTUAL 2001	PROJECTED 2002	2003	2004	2005	2006	2007	2008
HIGH SERIES TOTAL	740	809	862	902	934	960	983	1,004
Classified	625	694	747	787	819	845	868	889
Junior	379	417	441	458	473	486	498	509
Senior	246	277	306	329	346	359	370	380
Unclassified	115	115	115	115	115	115	115	115
Registration Status	740	809	862	902	934	960	983	1,004
Transfer	255	269	274	280	286	292	298	303
Continuing / Returning	485	540	588	622	648	668	685	701
MIDDLE SERIES TOTAL 1/	740	760	788	806	821	836	851	866
Classified	625	681	709	727	742	757	772	787
Junior	379	416	421	428	436	445	454	463
Senior	246	265	288	299	306	312	318	324
Unclassified	115	79	79	79	79	79	79	79
Registration Status	740	760	788	806	821	836	851	866
Transfer	255	234	239	243	248	253	257	262
Continuing / Returning	485	526	549	563	573	583	594	604
LOW SERIES TOTAL	740	713	710	708	709	714	721	728
Classified	625	643	640	638	639	644	651	658
Junior	379	400	391	390	392	396	401	406
Senior	246	243	249	248	247	248	250	252
Unclassified	115	70	70	70	70	70	70	70
Registration Status	740	713	710	708	709	714	721	728
Transfer	255	211	214	217	220	223	226	229
Continuing / Returning	485	502	496	491	489	491	495	499

1/ The remaining tables in the report use the Middle Projection Series.

TABLE 2
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS, BY REGISTRATION STATUS
MIDDLE PROJECTION SERIES
UNIVERSITY OF HAWAI‘I-WEST O‘AHU
FALL 1995 TO FALL 2008

REGISTRATION STATUS	ACTUAL							PROJECTED						
EDUCATIONAL LEVEL AND	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL	716	648	648	685	687	665	740	760	788	806	821	836	851	866
Classified	607	553	577	626	613	621	625	681	709	727	742	757	772	787
Junior	344	305	354	381	376	328	379	416	421	428	436	445	454	463
Senior	263	248	223	245	237	293	246	265	288	299	306	312	318	324
Unclassified	109	95	71	59	74	44	115	79	79	79	79	79	79	79
Transfer	237	176	203	186	232	179	255	234	239	243	248	253	257	262
Junior	169	127	167	157	165	152	164	172	177	181	186	191	195	200
Senior	8	5	2		17	4	12	11	11	11	11	11	11	11
Unclassified	60	44	34	29	50	23	79	51	51	51	51	51	51	51
Continuing / Returning	479	472	445	499	455	486	485	526	549	563	573	583	594	604
Junior	175	178	187	224	211	176	215	244	244	247	250	254	259	263
Senior	255	243	221	245	220	289	234	254	277	288	295	301	307	313
Unclassified	49	51	37	30	24	21	36	28	28	28	28	28	28	28

Note: Counts by registration status for Fall 1999 have been adjusted for computer error, and therefore may not tie to figures reported elsewhere.

TABLE 3
HEADCOUNT ENROLLMENT, BY PROGRAM
MIDDLE PROJECTION SERIES
UNIVERSITY OF HAWAI‘I-WEST O‘AHU
FALL 2001 TO FALL 2008

PROGRAM	ACTUAL 2001	PROJECTED 2002	2003	2004	2005	2006	2007	2008
TOTAL	740	760	788	806	821	836	851	866
Upper Division	740	760	788	806	821	836	851	866
Business Administration 1/	212	231	240	247	252	257	262	267
Upper Division	212	231	240	247	252	257	262	267
Humanities	67	73	76	78	80	81	83	84
Upper Division	67	73	76	78	80	81	83	84
Public Administration 1/	88	96	100	102	104	107	109	111
Upper Division	88	96	100	102	104	107	109	111
Social Sciences	258	281	293	300	306	312	318	325
Upper Division	258	281	293	300	306	312	318	325
Unclassified	115	79	79	79	79	79	79	79
Unclassified - Undergrad 2/	112	77	77	77	77	77	77	77
Unclassified - Graduate	3	2	2	2	2	2	2	2

1/ Professional Studies is being replaced by Business Administration and Public Administation.
Although Professional Studies majors are being allowed to complete their degrees, for simplicity in presentation, separate enrollment counts for Professional Studies majors are not shown.

2/ Includes student records with no data on education level.

Note: At the present time, UH-West O‘ahu enrolls only upper division students.

TABLE 4
STUDENT SEMESTER HOURS OFFERED, BY PROGRAM
MIDDLE PROJECTION SERIES
UNIVERSITY OF HAWAIʻI-WEST OʻAHU
FALL 2001 TO FALL 2008

PROGRAM	ACTUAL 2001	PROJECTED 2002	2003	2004	2005	2006	2007	2008
TOTAL	6,647	6,933	7,196	7,361	7,506	7,651	7,788	7,928
Upper Division	6,647	6,933	7,196	7,361	7,506	7,651	7,788	7,928
Business Admin 1/	1,117	1,159	1,200	1,232	1,257	1,280	1,302	1,325
Upper Division	1,117	1,159	1,200	1,232	1,257	1,280	1,302	1,325
Humanities	1,083	1,145	1,189	1,218	1,244	1,266	1,291	1,310
Upper Division	1,083	1,145	1,189	1,218	1,244	1,266	1,291	1,310
Public Administration 1/	996	1,034	1,074	1,093	1,115	1,142	1,161	1,180
Upper Division	996	1,034	1,074	1,093	1,115	1,142	1,161	1,180
Social Sciences	3,426	3,569	3,706	3,791	3,862	3,933	4,004	4,083
Upper Division	3,426	3,569	3,706	3,791	3,862	3,933	4,004	4,083
General	25	26	27	27	28	30	30	30
Upper Division	25	26	27	27	28	30	30	30

1/ Professional Studies is being replaced by Business Administration and Public Administation. Although students currently enrolled in Professional Studies are being allowed to complete their degrees, for simplicity in presentation, separate enrollment counts for Professional Studies are not shown.

Note: At the present time UH-West Oʻahu offers only upper division courses.

TABLE 5
FULL-TIME EQUIVALENT COURSE ENROLLMENT SERVED, BY PROGRAM
MIDDLE PROJECTION SERIES
UNIVERSITY OF HAWAI'I-WEST O'AHU
FALL 2001 TO FALL 2008

PROGRAM	ACTUAL 2001	PROJECTED 2002	2003	2004	2005	2006	2007	2008
TOTAL	444	462	480	491	500	509	519	528
Upper Division	444	462	480	491	500	509	519	528
Business Admin 1/	74	77	80	82	84	85	87	88
Upper Division	74	77	80	82	84	85	87	88
Humanities	73	76	79	81	83	84	86	87
Upper Division	73	76	79	81	83	84	86	87
Public Administration 1/	66	69	72	73	74	76	77	79
Upper Division	66	69	72	73	74	76	77	79
Social Sciences	229	238	247	253	257	262	267	272
Upper Division	229	238	247	253	257	262	267	272
General	2	2	2	2	2	2	2	2
Upper Division	2	2	2	2	2	2	2	2

1/ Professional Studies is being replaced by Business Administration and Public Administation. Although students currently enrolled in Professional Studies are being allowed to complete their degrees, for simplicity in presentation, separate enrollment counts for Professional Studies are not shown.

Note: At the present time UH-West O'ahu offers only upper division courses.

TABLE 6
HEADCOUNT ENROLLMENT OF CREDIT STUDENTS, BY ATTENDANCE STATUS
MIDDLE PROJECTION SERIES
UNIVERSITY OF HAWAIʻI-WEST OʻAHU
FALL 2001 TO FALL 2008

	ACTUAL	PROJECTED						
ATTENDANCE STATUS	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL	740	760	788	806	821	836	851	866
Full-Time	304	347	360	368	375	382	389	395
Upper Division	304	347	360	368	375	382	389	395
Part-Time 1/	436	413	428	438	446	454	462	471
Upper Division 1/	436	413	428	438	446	454	462	471

Note: Unclassified students are included.
1/ Includes student records with no data on attendance status.