

Section 3

EDUCATION

This section presents statistics on enrollment in public and private schools, colleges and universities; students graduated and degrees awarded; the highest grade of school completed; achievement test results; school facilities, personnel, and expenditures; and libraries.

Enrollment in elementary, intermediate and high schools in 1992-1993 totaled 212,448, slightly more than in the preceding year but below the all-time high of 216,000 reached in 1971-1972. There were 238 public schools with 11,326 classroom teachers and 177,806 students (83.7 percent of the total). There were also 130 private schools with 2,332 teachers and 34,642 pupils. Students graduating from public and private high schools in 1991-1992 numbered 12,009. Some 62,000 students attended colleges and universities in the State in Fall 1993, including 20,000 on the Manoa Campus of the University of Hawaii, 700 at UH-West Oahu, 3,000 at UH-Hilo, 26,500 at seven community colleges, and 11,800 in three private colleges and universities. Only 7.5 percent of all persons 16 to 19 years old were not enrolled in school in 1990 and were not high school graduates. The expenditure per pupil in public schools rose from \$2,701 in 1981-1982 to \$5,246 in 1991-1992. In scholastic aptitude tests, Hawaii students scored close to the national norms in the math component but considerably below in the verbal component. Among adults, an estimated 19 percent were functionally illiterate in English as of 1988. Almost one-fourth of all residents 25 years of age or more have completed four or more years of college. The Hawaii State Library System, with 49 locations on six islands, had 2.7 million books, 8,700 periodical subscriptions, 10,400 video tapes, and 93,500 sound recordings in 1992, with an annual circulation of 6.7 million. The University of Hawaii libraries in 1992 counted 3.2 million volumes.

The principal sources of data on education are the U.S. Bureau of the Census, Hawaii State Department of Education, University of Hawaii, and private colleges and universities. *Historical Statistics of Hawaii*, Section 9, contains Island data back to 1820. Section 4 of the *Statistical Abstract of the United States: 1993* presents comparable information for the nation as a whole.

**Table 3.1-- SCHOOL ENROLLMENT AND EDUCATIONAL ATTAINMENT,
FOR THE STATE AND OAHU: 1990**

Subject	State total	Oahu only
SCHOOL ENROLLMENT		
Persons 3 years and over enrolled in school	290,578	221,821
Preprimary school	21,276	15,977
Elementary or high school	186,653	135,478
Percent in private school	15.8	18.3
College	82,649	70,366
EDUCATIONAL ATTAINMENT		
Persons 25 years and over	709,820	534,187
Less than 9th grade	71,806	50,131
9th to 12th grade, no diploma	69,700	50,222
High school graduate	203,893	151,930
Some college, no degree	142,881	107,988
Associate degree	59,116	42,747
Bachelor's degree	111,837	89,197
Graduate or professional degree	50,587	41,972
Percent high school graduate or higher	80.1	81.2
Percent bachelor's degree or higher	22.9	24.6

Source: U.S. Bureau of the Census, 1990 CPH-L-80 and 81, table 1.

**Table 3.2-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD
AND OVER, BY COUNTIES: 1990**

Subject	State total	Hawaii	Hono-lulu	Kala-wao	Kauai	Maui
Population 25 years and over	709,820	77,099	534,187	130	33,045	65,359
Percent --						
High school graduate or higher	80.1	77.7	81.2	51.5	73.1	77.0
With bachelor's degree or higher	22.9	18.5	24.6	4.6	16.3	17.8

Source: U.S. Bureau of the Census, *1990 Census of Population and Housing, Summary Social, Economic, and Housing Characteristics, Hawaii* (April 1992), table 4.

Table 3.3-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: 1940 TO 1990

Years completed	1940	1950	1960	1970	1980	1990
Percent 4 years of high school or more ^{1/}	20.5	31.6	46.1	61.9	73.8	80.1
Percent 4 years of college or more ^{2/}	5.3	6.1	9.0	14.0	20.3	22.9

^{1/} For 1990, percent high school graduate or higher.

^{2/} For 1990, percent Bachelor's degree or higher.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Final Report PC(1)-13C, table 47; *U.S. Census of Population: 1970*, Final Report PC(1)-C13, table 46; *1980 Census of Population*, PC80-1-C-13, table 61; *1990 Census of Population and Housing*, 1990 CPH-5-13, table 3.

Table 3.4-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: MARCH 1991

[Noninstitutional population]

Geographic area	Population 25 years and over (1,000)	Completed 4 years of high school or more		Completed 4 years of college or more	
		Percent	1.6* (s.e.) ^{1/}	Percent	1.6*(s.e.) ^{1/}
United States	158,694	78.4	0.3	21.4	0.3
Hawaii	724	85.7	2.0	27.0	2.6
Rank ^{2/} ...	41	8	...	5	...

^{1/} The value of 1.6 times the standard error, added to and subtracted from the estimated percentage, yields the 90-percent confidence level.

^{2/} Among the 50 states.

Source: U.S. Bureau of the Census, "Educational Attainment in the United States: March 1991 and 1990," *Current Population Reports, Population Characteristics*, Series P-20, No. 462, May 1992, pp. 1, 3, and 83.

Table 3.5-- LITERACY IN ENGLISH: NOVEMBER 1988 - JANUARY 1989

[Based on results of a test given to a sample of 814 Hawaii residents 18 years and over]

Characteristic	Estimated population 18 and over	Functional level <u>1</u> / (percent)		
		1	2	3
State total	796,001	<u>2</u> / 19	28	53
County of residence:				
Honolulu	623,524	15	26	59
Hawaii.....	75,783	37	34	29
Maui.....	63,240	36	34	30
Kauai	33,454	26	32	42
Age:				
18 to 34 years.....	326,232	13	26	61
35 to 49 years.....	228,353	14	27	59
50 to 64 years.....	119,628	25	30	45
65 years and over.....	121,788	42	30	28
Sex:				
Male.....	392,747	19	30	52
Female.....	403,254	20	26	54
Years of school completed:				
Less than 9 years	54,924	77	21	2
9 to 11 years.....	81,192	54	35	11
12 years or more	659,885	6	21	73

1/ Level 1 refers to "adults who function with difficulty," that is, those who are "functionally illiterate." Level 2 refers to "functional adults." Level 3 includes adults classified as "competent" or "proficient."

2/ Estimated at 153,664.

Source: Omnitrack Research and Marketing Group, Inc., for the Governor's Office of Children and Youth, Governor's Council on Literacy, *Hawaii Statewide Literacy Assessment (HSLA), November 1988-January 1989*, (1989), tables 1, 1a, 2, and 6.

Table 3.6-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1982-1983 TO 1992-1993

School year	Schools (September)			Teachers (September)		
	Total	Public	Private	Total	Public	Private
1982-83	373	233	140	10,302	8,083	2,219
1983-84	374	233	141	10,344	7,997	2,347
1984-85	372	231	141	10,453	8,060	2,393
1985-86	373	232	141	10,677	8,221	2,456
1986-87	377	232	145	10,788	8,244	2,544
1987-88	369	231	138	11,168	8,632	2,536
1988-89	376	235	141	11,485	8,973	2,512
1989-90	374	238	136	11,856	9,202	2,654
1990-91	372	238	134	13,206	10,721	2,485
1991-92	368	239	129	13,676	11,116	2,580
1992-93	368	238	130	13,658	11,326	2,332

School year	Enrollment (September)			High school graduates		
	Total	Public	Private	Total	Public	Private
1982-83	200,129	162,024	38,105	13,248	10,757	2,491
1983-84	200,240	162,241	37,999	12,992	10,454	2,538
1984-85	200,869	163,860	37,009	12,516	10,092	2,424
1985-86	200,952	164,169	36,783	12,468	9,958	2,510
1986-87	201,188	164,640	36,548	13,097	10,491	2,606
1987-88	202,419	166,240	36,179	13,448	10,800	2,648
1988-89	203,358	167,899	35,459	13,100	10,597	2,503
1989-90	205,591	169,904	35,687	11,717	9,335	2,382
1990-91	207,558	171,793	35,765	11,948	9,571	2,377
1991-92	210,271	175,114	35,157	12,009	9,649	2,360
1992-93	212,448	177,806	34,642	(NA)	(NA)	(NA)

NA Not available.

Source: Hawaii State Department of Education, records.

Table 3.7-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 14, 1992, AND HIGH SCHOOL GRADUATES, 1991-1992, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

Island	Number of schools, September 14, 1992			Number of teachers, September 14, 1992		
	Total	Public <u>1/</u>	Private	Total	Public <u>1/</u>	Private
State total	368	238	130	13,658	11,326	2,332
Hawaii.....	47	32	15	1,844	1,653	191
Maui.....	35	22	13	1,189	1,028	161
Lanai.....	1	1	-	38	38	-
Molokai.....	7	5	2	125	119	6
Oahu.....	257	164	93	9,745	7,821	1,924
Kauai.....	20	13	7	715	665	50
Niihau.....	1	1	-	2	2	-
Island	Enrollment, September 14, 1992			High school graduates, 1991-1992 school year		
	Total	Public <u>1/</u>	Private	Total	Public <u>1/</u>	Private
State total	212,448	177,806	34,642	12,009	9,649	2,360
Hawaii.....	28,663	26,388	2,275	1,527	1,396	131
Maui.....	18,954	16,603	2,351	994	885	109
Lanai.....	536	536	-	25	25	-
Molokai.....	1,786	1,737	49	102	101	1
Oahu.....	151,219	122,008	29,211	8,808	6,690	2,118
Kauai.....	11,273	10,517	756	553	552	1
Niihau.....	17	17	-	-	-	-

1/ Includes UH Lab School.

Source: Hawaii State Department of Education, records.

**Table 3.8-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1991 AND 1992**

Grade	September 12, 1991			September 14, 1992		
	Total	Public <u>1/</u>	Private	Total	Public <u>1/</u>	Private
All grades.....	210,271	175,114	35,157	212,448	177,806	34,642
Nursery.....	2,733	498	2,235	2,317	525	1,792
Kindergarten.....	17,057	14,361	2,696	17,077	14,448	2,629
1	16,757	14,331	2,426	17,130	14,769	2,361
2	16,688	14,353	2,335	16,362	14,078	2,284
3	16,320	14,097	2,223	16,269	14,048	2,221
4	15,975	13,685	2,290	15,952	13,761	2,191
5	15,520	13,282	2,238	15,710	13,526	2,184
6	15,151	12,851	2,300	15,466	13,146	2,320
7	14,830	11,836	2,994	15,299	12,261	3,038
8	14,111	11,321	2,790	14,764	11,800	2,964
9	15,356	12,607	2,749	15,368	12,603	2,765
10	13,957	11,315	2,642	14,028	11,368	2,660
11	12,886	10,445	2,441	13,501	11,016	2,485
12	11,758	9,332	2,426	11,441	9,098	2,343
Specials <u>2/</u>	11,172	10,800	372	11,764	11,359	405

1/ Includes UH Lab School.

2/ Public school data include ungraded students in special schools.

Source: Hawaii State Department of Education, records.

**Table 3.9-- SCHOOL ENROLLMENT BY GRADES, BY COUNTIES:
SEPTEMBER 14, 1992**

[Combined totals for public and private systems]

Grade	State total ^{1/}	Hawaii	Maui	Honolulu	Kauai
All grades.....	212,448	28,663	21,276	151,219	11,290
Nursery.....	2,317	291	209	1,742	75
Kindergarten.....	17,077	2,104	1,688	12,373	912
1.....	17,130	2,191	1,779	12,245	915
2.....	16,362	2,163	1,770	11,600	829
3.....	16,269	2,125	1,708	11,609	827
4.....	15,952	2,182	1,662	11,235	873
5.....	15,710	2,207	1,567	11,078	858
6.....	15,466	2,128	1,587	10,908	843
7.....	15,299	2,185	1,492	10,788	834
8.....	14,764	2,019	1,488	10,469	788
9.....	15,368	2,173	1,458	10,946	791
10.....	14,028	1,967	1,386	9,959	716
11.....	13,501	1,824	1,328	9,657	692
12.....	11,441	1,458	1,083	8,319	581
Specials ^{2/}	11,764	1,646	1,071	8,291	756

^{1/} Includes UH Lab School.

^{2/} Includes ungraded students in special schools.

Source: Hawaii State Department of Education, records.

**Table 3.10-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS:
FALL, 1989 TO 1992**

Category	1989	1990	1991	1992
All federally-connected pupils.....	36,899	36,159	35,736	35,318
Percent of total enrollment.....	21.8	21.1	20.5	20.0
Military dependents.....	20,228	19,889	19,838	19,832
Others ^{1/}	16,671	16,270	15,898	15,486

^{1/} Includes dependents of civilian employees of armed forces.

Source: Hawaii State Department of Education, records.

Table 3.11-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 14, 1992, AND PRIVATE HIGH SCHOOL GRADUATES, 1991-1992, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enrollment	High school graduates
Total.....	130	2,332	34,642	2,360
Church-affiliated	94	1,698	26,626	1,747
Roman Catholic.....	34	627	11,468	622
Other church-affiliated	60	1,071	15,158	1,125
Non-church-affiliated	36	634	8,016	613

Source: Hawaii State Department of Education, records.

Table 3.12-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1981-1982 TO 1991-1992

Fiscal year	Expenditures (dollars)		Cost per pupil ^{1/} (dollars)	Average annual salary of teachers (dollars)	Number of days of school
	Current operations	Capital outlay			
1981-1982	432,228,402	17,237,000	2,700.72	22,473	177
1982-1983	497,763,951	23,304,890	3,098.23	21,504	^{2/} 174
1983-1984	509,710,506	11,941,000	3,255.97	25,380	176
1984-1985	526,741,742	13,652,707	3,351.18	25,648	174
1985-1986	585,533,781	27,812,430	3,795.31	26,595	176
1986-1987	589,592,735	23,445,100	3,748.38	27,546	176
1987-1988	622,638,850	32,211,000	3,950.49	28,353	177
1988-1989	661,605,931	37,505,200	4,171.74	29,835	174
1989-1990	727,501,992	50,569,700	4,605.11	32,252	175
1990-1991	863,592,130	50,464,700	5,016.15	34,448	175
1991-1992	914,792,363	100,194,691	5,245.79	35,684	177

^{1/} Based on average daily membership.

^{2/} One day missed due to Hurricane Iwa.

Source: Hawaii State Department of Education, records.

**Table 3.13-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES:
1975 TO 1993**

Component	1974-75	1979-80	1985-86	1989-90	1991-92	1992-93 ^{1/}
Verbal	414	396	403	404	401	401
Math	478	472	477	481	477	478

^{1/} The U.S. averages in 1992-93 were 424 for verbal and 478 for math.

Source: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics 1992* (October 1992), p. 128; *Honolulu Advertiser*, August 27, 1992, pp. A1 and A8, and August 19, 1993, pp. A1 and A2.

**Table 3.14-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC
SCHOOL GRADES 3, 6, 8, AND 10: 1993**

[Percent of students taking test]

Subject and level	Norm	Grade 3	Grade 6	Grade 8	Grade 10
Reading:					
Below average	23	34	24	36	30
Average.....	54	54	57	48	48
Above average.....	23	12	18	16	22
Math:					
Below average	23	22	19	32	28
Average.....	54	52	55	46	50
Above average.....	23	27	26	22	22

Source: *Honolulu Advertiser*, October 8, 1993, p. A1.

**Table 3.15-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS:
FALL 1983 TO 1993**

[Fall headcount enrollment of regular students.]

Year	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii at Hilo <u>2/</u>	Univ. of Hawaii- West Oahu
		Total	Classified		Unclassi- fied <u>1/</u>		
			Under graduates	Gradu- ates			
1983 ..	46,241	20,966	15,091	4,339	1,536	1,628	433
1984 ..	43,809	19,965	14,234	4,255	1,476	1,506	435
1985 ..	43,246	19,606	13,565	4,283	1,758	1,447	443
1986 ..	42,682	18,918	12,762	4,438	1,718	1,594	480
1987 ..	42,747	18,382	12,254	4,400	1,728	1,711	482
1988 ..	42,525	18,424	12,121	4,382	1,921	1,769	492
1989 ..	43,644	18,546	12,021	4,601	1,924	1,927	601
1990 ..	45,742	18,810	12,073	4,809	1,928	2,553	652
1991 ..	47,527	19,316	12,530	5,005	1,781	2,670	667
1992 ..	49,412	19,810	12,838	5,207	1,765	2,790	692
1993 ..	50,229	20,037	12,991	5,343	1,703	2,953	676

Year	Community Colleges <u>3/</u>							
	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward	Hawaii	Kauai	Maui
1983 ..	23,214	5,127	5,278	6,022	1,456	1,977	1,182	2,172
1984 ..	21,903	4,549	5,264	5,753	1,363	1,728	1,159	2,087
1985 ..	21,750	4,535	5,054	5,645	1,540	1,747	1,174	2,055
1986 ..	21,690	4,270	5,207	5,683	1,635	1,695	1,237	1,963
1987 ..	22,172	4,523	5,372	5,723	1,645	1,830	1,164	1,915
1988 ..	21,840	4,292	5,467	5,439	1,555	1,861	1,231	1,995
1989 ..	22,570	4,193	5,717	5,646	1,604	2,037	1,299	2,074
1990 ..	23,727	4,379	6,275	5,805	1,622	1,896	1,413	2,337
1991 ..	24,874	4,462	6,526	6,343	1,611	1,847	1,496	2,589
1992 ..	26,120	4,767	7,116	6,098	1,782	2,106	1,563	2,688
1993 ..	26,563	4,740	7,356	6,449	1,635	2,348	1,457	2,578

1/ Unclassified at UH Manoa; also includes no data on educational level.

2/ Excludes Hawaii Community College, which until Fall 1991 was organizationally part of UH Hilo.

3/ Data for all years include Hawaii Community College, which until Fall 1991 was organizationally part of UH Hilo.

Source: University of Hawaii, Institutional Research Office.

**Table 3.16-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY
THE UNIVERSITY OF HAWAII: 1983 TO 1993**

Year ended June 30	University of Hawaii at Manoa					
	Associ-ate	Bachelor	Master	Doctor	First profes-sional <u>1/</u>	Other <u>2/</u>
1983	52	2,639	938	120	132	120
1984	60	2,698	945	101	131	166
1985	90	2,642	914	138	137	189
1986	66	2,679	837	132	131	244
1987	65	2,601	794	130	137	249
1988	54	2,521	830	111	126	259
1989	92	2,404	833	162	119	224
1990	87	2,431	804	114	113	235
1991	78	2,362	835	143	118	217
1992	41	2,410	932	140	116	211
1993	-	2,527	1,088	147	115	250
Year ended June 30	University of Hawaii at Hilo <u>3/</u>			Univ. of Hawaii-West Oahu: Bachelor	Community Colleges <u>3/</u>	
	Certificates <u>4/</u>	Bachelor degrees			Certifi-cates <u>5/</u>	Associ-ate degrees
1983	-	193	91	577	2,250	4
1984	-	188	136	553	2,262	3
1985	-	180	77	521	2,103	1
1986	-	183	98	534	2,097	32
1987	-	201	139	434	2,042	64
1988	-	208	108	393	1,937	15
1989	30	154	116	247	1,805	21
1990	29	203	126	274	1,919	20
1991	44	210	149	285	1,950	0
1992	47	222	135	242	2,008	23
1993	62	280	190	316	2,135	22

1/ Includes Doctor of Jurisprudence (J.D.) and Doctor of Medicine (M.D.).

2/ Certificates in Dental Hygiene and professional diplomas.

3/ Due to Hawaii CC's organizational transfer from the UH Hilo unit to the community college unit in Fall 1991, the community college figures have been retroactively adjusted to include Hawaii CC and the UH Hilo figures adjusted to exclude Hawaii CC.

4/ Professional Certificates in Education.

5/ Certificates of Achievement.

Source: University of Hawaii, Institutional Research Office.

**Table 3.17-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 1991 TO 1993**

Subject	1991	1992	1993
Curricula offered at Manoa Campus, Fall <u>1/</u>	263	267	269
Bachelor's degree programs	86	86	87
Master's degree programs	85	87	87
Doctoral programs (DrPH, EdD, PhD).....	50	53	53
Other programs <u>1/</u>	42	41	42
Tuition per semester (full-time undergraduate, regular session) (dollars):			
Manoa Campus: Resident.....	645	670	700
Nonresident.....	1,940	2,035	2,130
Hilo (upper division): Resident.....	595	615	635
Nonresident.....	1,790	1,860	1,935
West Oahu: Resident.....	420	425	430
Nonresident.....	1,290	1,340	1,400
Community colleges: Resident.....	210	220	230
Nonresident.....	1,290	1,340	1,400
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	539,356	596,821	604,889
Current fund expenditures (\$1,000)	535,420	583,335	605,180
Faculty and staff, October			
Board of Regents appointees.....	8,028	8,235	8,289
Full-time.....	6,363	6,511	6,570
Part-time.....	4,105	4,260	4,322
Civil Service personnel.....	2,258	2,251	2,248
Full-time.....	1,665	1,724	1,719
Part-time.....	1,614	1,670	1,672
.....	51	54	47

1/ Includes 2-year, undergraduate, and graduate certificate programs first professional degree programs (JD, MD), and other programs.

Source: Institutional Research Office, University of Hawaii, *Facts About the University of Hawaii* (annual), and records.

Table 3.18-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1990 TO 1993

[Excludes extension programs of mainland and foreign schools, unaccredited institutions, and other limited or specialized curriculum programs]

Year and institution <u>1/</u>	Fall enrollment <u>2/</u>			Earned degrees conferred <u>3/</u>		
	Total	Under-grad.	Grad-uate	Associ-ate	Bachelor's	Master's
1990, total.....	10,761	9,947	814	338	988	196
Brigham Young.....	2,140	2,140	-	46	198	-
Chaminade.....	2,446	2,164	282	115	291	136
Hawaii Loa.....	618	618	-	2	93	-
Hawaii Pacific.....	5,557	5,025	532	175	406	60
1991, total.....	11,429	10,450	979	368	999	245
Brigham Young.....	2,110	2,110	-	71	203	-
Chaminade.....	2,481	2,201	280	85	219	155
Hawaii Loa.....	514	514	-	4	138	-
Hawaii Pacific.....	6,324	5,625	699	208	439	90
1992, total.....	11,310	10,124	1,186	523	1,018	233
Brigham Young.....	2,064	2,064	-	68	234	-
Chaminade.....	2,270	1,920	350	128	227	110
Hawaii Pacific.....	6,976	6,140	836	327	557	123
1993, total.....	11,790	10,517	1,273	486	1,205	274
Brigham Young.....	1,980	1,980	-	72	269	-
Chaminade.....	2,284	1,923	361	95	167	99
Hawaii Pacific.....	7,526	6,614	912	319	769	175

1/ Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Loa College (in Kaneohe); Hawaii Pacific University (in Honolulu). Hawaii Loa College was merged with Hawaii Pacific University in 1992, and is included with HPU data for that year.

2/ In regular credit programs.

3/ Year ended June 30.

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from college officials.

Table 3.19-- RESIDENCE AND MIGRATION OF ALL FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 1988

Category	Total	In 4-year colleges
Students enrolled in State 1/	4,872	2,494
Students residents of State 2/	5,960	3,463
Students remaining in State 3/	4,521	2,162
Migration of students:		
Out of State	1,439	1,301
Into State	351	332
Net migration	-1,088	-969

1/ All new freshmen students, whether in-migrants or "remaining."

2/ All new freshmen students residing in Hawaii when first admitted to the reporting institution, whether in Hawaii or on the Mainland.

3/ New freshmen students attending institutions in their home State.

Source: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics 1992* (October 1992), pp. 201-202.

Table 3.20-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES: 1988 TO 1991

[In thousands of dollars. Fiscal year data]

Institution	1988	1989	1990	1991
All universities and colleges	58,779	84,753	71,165	83,720
University of Hawaii at Manoa	45,190	63,215	54,567	62,744

Source: National Science Foundation, *Selected Data on Federal Support to Universities and Colleges: Fiscal Year 1991*, NSF 93-320 (September 1993), pp. 33 and 39.

**Table 3.21-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY
SYSTEM: 1987 TO 1992**

Subject	1987	1988	1989	1990	1991	1992
Library locations, June 30	49	49	49	49	49	49
Oahu	23	23	23	23	23	23
Other islands.....	26	26	26	26	26	26
Personnel, June 30 <u>1/</u> .	497.55	532.05	543.05	557.05	581.55	597.05
Librarians	133.00	146.00	153.00	162.50	167.50	173.50
All others.....	364.55	386.05	390.05	394.55	414.05	423.55
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30 <u>3/</u> (1,000)	2,073.8	2,225.7	2,320.8	2,391.7	2,605.4	2,769
Circulation, year ended June 30 (1,000).....	6,480.5	6,552.9	6,561.9	6,225.2	6,328.4	6,700

1/ Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions but excluding student help.

2/ Regular weekly totals for Hawaii State Library, Honolulu.

3/ Data for 1990 and earlier years limited to books; data for 1991 and 1992 include all media except ephemeral material.

Source: Hawaii State Public Library System, Research & Evaluation Services, records.

**Table 3.22-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1992**

District	Library locations, June 30	Personnel, June 30 ^{1/}	Circulation, year ended June 30	
Total system	49	597.05	6,699,876	
Oahu	23	337.00	4,546,738	
Hawaii State Library	1	102.50	440,077	
East Oahu Library District	12	140.00	2,426,749	
West Oahu Library District	9	94.50	1,679,912	
Library for the Blind and Physically Handicapped	1	15.50	49,521	
Other islands	26	145.55	2,103,617	
Hawaii Library District.....	13	63.55	1,053,574	
Kauai Library District	5	33.50	434,881	
Maui Library District ^{2/}	8	48.50	615,162	
Administration/Centralized Processing Center.....	...	99.00	...	

District	Collections, June 30			
	Books	Periodical subscriptions	Video tapes	Sound recordings ^{3/}
Total system	2,656,614	8,746	10,401	93,493
Oahu	1,830,344	5,918	7,727	64,419
Hawaii State Library	413,639	2,155	1,132	17,680
East Oahu Library District	759,634	1,995	4,452	27,754
West Oahu Library District	533,683	1,625	2,108	15,736
Other islands	826,270	2,828	2,674	29,074
Hawaii Library District.....	369,752	1,503	639	8,544
Kauai Library District	194,600	952	1,092	10,012
Maui Library District ^{2/}	261,918	373	943	10,518
Library for the Blind and Physically Handicapped	123,388 ^{4/}	143	35	3,249 ^{5/}

^{1/} See previous table footnote 1.

^{2/} Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (1 location).

^{3/} Includes phonotapes and CDs.

^{4/} Includes print, braille, and recorded media.

^{5/} Includes music recordings only.

Source: Hawaii State Public Library System, Research & Evaluation Services, records.

Table 3.23-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 1991 AND 1992

Campus	Number of volumes, June 30		Circulation, year ended June 30	
	1991	1992	1991	1992
All campuses	3,008,359	3,186,131	741,708	848,168
University of Hawaii at Manoa <u>1/</u>	2,500,175	2,651,257	509,749	590,630
University of Hawaii-West Oahu.....	24,575	25,064	6,000	4,426
University of Hawaii at Hilo <u>2/</u>	211,568	213,595	77,924	79,803
Community colleges, total <u>2/</u>	272,041	296,215	148,035	173,309
Honolulu	52,695	53,902	45,264	42,016
Kapiolani.....	44,157	47,881	22,422	33,594
Leeward.....	58,733	72,889	19,524	25,805
Windward.....	36,353	37,610	14,047	14,201
Kauai	42,713	44,883	20,447	28,840
Maui.....	37,390	39,050	26,331	28,853

1/ Volumes total includes Government Documents Collection. Circulation total includes media use at Wong Audiovisual Center.

2/ Hawaii Community College and UHH West Hawaii (Kona) are included with the University of Hawaii at Hilo.

Source: University of Hawaii at Manoa, University Libraries, records.