

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 1990-1991 totaled 207,558, slightly more than in the preceding year but well below the all-time high of 216,000 reached in 1971-1972. There were 238 public schools with 10,721 classroom teachers and 171,793 students (82.8 percent of the total). There were also 134 private schools with 2,485 teachers and 35,765 pupils. Students graduating from public and private high schools in 1989-1990 numbered 11,717. Some 56,500 students attended colleges and universities in the State in 1990-1991, including 18,800 on the Manoa Campus of the University of Hawaii, 650 at UH-West Oahu, 4,400 at UH-Hilo, 21,800 at six community colleges, and 10,800 in four private colleges and universities. Ninety-two percent of the children 5 and 6 years old were in school in 1980 (compared with 87 percent in 1970), and 47 percent in the 18- and 19-year-old group were enrolled (compared with 53 percent a decade earlier). The expenditure per pupil in public schools rose from \$2,457 in 1980-1981 to \$5,337 in 1990-1991. In scholastic aptitude tests, Hawaii students scored somewhat above 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 2.4 million books, 9,500 periodical subscriptions, and 84,000 phonodisks and phonotapes in 1990, with an annual circulation of 6.2 million. The University of Hawaii libraries in 1991 counted 3.0 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: 1991 presents comparable information for the nation as a whole.

Table 77.-- SCHOOL ENROLLMENT BY AGE: 1970 AND 1980

Age	Number enrolled in school		Percent enrolled in school	
	1970	1980	1970	1980
Persons 3 years old and over enrolled in school .	238,925	266,181
3 and 4 years old	7,097	11,436	24.5	39.0
5 and 6 years old	27,683	26,070	87.4	92.0
7 to 13 years old	108,757	102,604	96.7	98.9
14 and 15 years old	30,409	31,741	95.8	98.6
16 and 17 years old	26,362	31,711	90.8	93.4
18 and 19 years old	14,486	16,869	53.1	46.9
20 and 21 years old	7,672	11,164	22.4	25.6
22 to 24 years old	6,357	10,907	13.6	17.5
25 to 34 years old	6,942	15,254	6.4	8.5
35 years old and over	3,160	8,425

Source: U.S. Bureau of the Census, 1970 Census of Population, General Social and Economic Characteristics, Hawaii, PC(1)-C13 (December 1971), table 51; 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), table 66.

Table 78.-- PERCENT ENROLLED IN SCHOOL, FOR SELECTED AGE GROUPS, BY COUNTIES: 1980

County	5 and 6 years	7 to 13 years	14 and 15 years	16 and 17 years	18 and 19 years	20 and 21 years
State total	92.0	98.9	98.6	93.4	46.9	25.6
Hawaii	90.3	99.1	98.0	94.2	51.3	27.8
Honolulu	92.2	98.9	98.6	93.6	46.7	26.5
Kauai	94.9	98.9	100.0	95.0	52.0	18.1
Maui	90.9	98.9	98.4	90.3	40.7	11.5

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), tables 66 and 175.

Table 79.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: 1940 TO 1989

Years completed	1940	1950	1960	1970	1980	1989
Percent 4 years of high school or more	20.5	31.6	46.1	61.9	73.8	82.3
Percent 4 years of college or more	5.3	6.1	9.0	14.0	20.3	23.9

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; "Educational Attainment in the United States: March 1989 and 1988," Current Population Reports, Population Characteristics, Series P-20, No. 451 (August 1991), p. 89.

Table 80.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: ANNUAL AVERAGES, 1981-83, 1984-86, AND 1987-89

[Based on pooled samples of 1,831 households (5,676 persons of all ages) for 1981-1983, 1,630 households (4,987 persons) for 1984-1986, and 1,540 households (4,529 persons) for 1987-1989]

Years of school completed	1981-1983	1984-1986	1987-1989
Persons 25 years and over	561,575	622,737	678,012
None or unknown	5,838	9,199	7,278
Elementary	76,698	70,822	66,557
High school, 1 to 3 years	52,950	57,464	56,411
High school, 4 years	203,057	236,708	257,060
College, 1 to 3 years	104,577	116,565	137,675
College, 4 years	72,476	78,938	90,508
College, 5 or more years	45,979	53,042	62,523
Median (years)	12.7	12.7	12.8

Source: U.S. Bureau of the Census for the U.S. Bureau of Labor Statistics, Current Population Survey (March), annual, 1981 to 1989; machine-readable data file, special tabulation by Hawaii State Data Center.

Table 81.-- LITERACY IN ENGLISH: NOV. 1988-JAN. 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 82.-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1980-1981 TO 1990-1991

School year	Schools <u>1/</u>			Teachers <u>1/</u>		
	Total	Public	Private	Total	Public	Private
1980-81 ...	371	230	141	10,324	8,113	2,211
1981-82 ...	376	230	146	10,447	8,139	2,308
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
School year	Enrollment or membership <u>1/</u>			High school graduates		
	Total	Public	Private	Total	Public	Private
1980-81 ...	202,972	165,094	37,878	14,647	12,088	2,559
1981-82 ...	200,844	162,805	38,039	13,948	11,563	2,385
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	(NA)	(NA)	(NA)

NA Not available.

1/ September data for all years.

Source: Hawaii State Department of Education, records.

Table 83.-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 12, 1990, AND HIGH SCHOOL GRADUATES, 1989-1990, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

Island	Number of schools, September 12, 1990			Number of teachers, September 12, 1990		
	Total	Public	Private	Total	Public	Private
State total	372	238	134	13,206	10,721	2,485
Hawaii	44	31	13	16,89	1,503	186
Maui	35	22	13	1,107	981	126
Lanai	1	1	-	37	37	-
Molokai	7	5	2	100	95	5
Oahu	263	165	98	9,590	7,484	2,106
Kauai	21	13	8	681	619	62
Niihau	1	1	-	2	2	-
Island	Enrollment, September 12, 1990			High school graduates, 1989-1990 school year		
	Total	Public	Private	Total	Public	Private
State total	207,558	171,793	35,765	11,717	9,335	2,382
Hawaii	26,745	24,595	2,150	1,465	1,325	140
Maui	17,823	15,658	2,165	876	780	96
Lanai	502	502	-	46	46	-
Molokai	1,708	1,669	39	89	89	-
Oahu	150,233	119,768	30,465	8,636	6,493	2,143
Kauai	10,515	9,569	946	605	602	3
Niihau	32	32	-	-	-	-

Source: Hawaii State Department of Education, records.

Table 84.-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1989 AND 1990

Grade	September 12, 1989			September 12, 1990		
	Total	Public	Private	Total	Public	Private
All grades	205,591	169,904	35,687	207,558	171,793	35,765
Nursery	2,950	379	2,571	2,918	407	2,511
Kindergarten	17,024	14,157	2,867	16,794	13,942	2,852
1	17,084	14,552	2,532	17,005	14,540	2,465
2	16,714	14,188	2,526	16,737	14,329	2,408
3	16,084	13,671	2,413	16,380	13,959	2,421
4	15,562	13,256	2,306	15,788	13,458	2,330
5	14,766	12,509	2,257	15,286	13,055	2,231
6	14,133	11,935	2,198	14,682	12,420	2,262
7	14,303	11,455	2,848	14,281	11,381	2,900
8	13,934	11,200	2,734	14,267	11,488	2,779
9	14,500	11,874	2,626	15,085	12,347	2,738
10	13,382	10,858	2,524	13,362	10,822	2,540
11	13,262	10,798	2,464	13,053	10,596	2,457
12	11,906	9,500	2,406	11,719	9,271	2,448
Specials <u>1/</u>	9,987	9,572	415	10,201	9,778	423

1/ Public school data include ungraded students in special schools.
Source: Hawaii State Department of Education, records.

Table 85.-- SCHOOL ENROLLMENT BY GRADES, BY COUNTIES:
SEPTEMBER 12, 1990

[Combined totals for public and private systems]

Grade	State total	Hawaii	Maui	Honolulu	Kauai
All grades	207,558	26,745	20,033	150,233	10,547
Nursery	2,918	174	152	2,425	167
Kindergarten	16,794	2,112	1,699	12,124	859
1	17,005	2,065	1,750	12,330	860
2	16,737	2,179	1,672	11,992	894
3	16,380	2,166	1,610	11,732	872
4	15,788	2,114	1,580	11,250	844
5	15,286	2,114	1,469	10,934	769
6	14,682	1,984	1,437	10,442	819
7	14,281	1,929	1,349	10,251	752
8	14,267	1,964	1,364	10,234	705
9	15,085	1,925	1,483	10,988	689
10	13,362	1,613	1,261	9,865	623
11	13,053	1,649	1,223	9,591	590
12	11,719	1,371	1,051	8,725	572
Special <u>1/</u>	10,201	1,386	933	7,350	532

1/ Includes ungraded students in special schools.

Source: Hawaii State Department of Education, records.

Table 86.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1987 TO 1990

Category	1987	1988	1989	1990
All federally-connected pupils	37,721	36,965	36,899	36,159
Percent of total enrollment	22.7	22.1	21.8	21.1
Military dependents	20,540	20,104	20,228	19,889
Others <u>1/</u>	17,181	16,861	16,671	16,270

1/ Includes dependents of civilian employees of armed forces.

Source: Hawaii State Department of Education, records.

Table 87.-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 12, 1990, AND PRIVATE HIGH SCHOOL GRADUATES, 1989-1990, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enrollment	High school graduates
Total	134	2,485	35,765	2,382
Church-affiliated	91	1,279	21,353	978
Roman Catholic	41	707	12,553	693
Other church-affiliated	50	572	8,800	285
Non-church-affiliated ...	43	1,206	14,412	1,404

Source: Hawaii State Department of Education, records.

Table 88.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1980-1981 TO 1990-1991

Fiscal year	Expenditures (dollars)		Cost per pupil ^{1/} (dollars)	Average annual salary of teachers (dollars)	Number of days of school
	Current operations	Capital outlay			
1980-1981 ..	402,344,699	30,860,000	2,457.32	21,085	176
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	5,336.74	34,448	175

^{1/} Based on average daily membership.

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

Source: Hawaii State Department of Education, records.

Table 89.-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES: 1975 TO 1991

Component	1974-75	1979-80	1985-86	1988-89	1989-90	1990-91
Verbal	414	396	403	406	404	405
Math	478	472	477	482	481	478

1/ The U.S. averages in 1990-91 were 422 for verbal and 474 for math.
 Source: U.S. Department of Education, National Center for Education
 Statistics, Digest of Education Statistics 1990 (February 1991), p. 126;
Honolulu Advertiser, August 27, 1991, pp. A1 and A5.

Table 90.-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC SCHOOL
 GRADES 3, 6, 8, AND 10: 1991

[Percent of students taking test]

Subject and level	Norm	Grade 3	Grade 6	Grade 8	Grade 10
Reading:					
Below average	23	24	22	26	24
Average	54	58	57	55	60
Above average	23	18	21	19	16
Math:					
Below average	23	18	20	27	21
Average	54	50	46	48	50
Above average	23	32	34	25	29

Source: Honolulu Advertiser, December 19, 1991, p. A-3.

Table 91.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS:
FALL 1980 TO 1990

[Fall enrollment in regular credit programs, including concurrent registrants and early admits]

Year	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii at Hilo <u>2/</u>	Univ. of Hawaii- West Oahu
		Total	Under- graduates	Grad- uates	Other <u>1/</u>		
1980 ..	43,542	20,319	14,402	4,235	1,682	3,504	247
1981 ..	45,425	20,629	14,487	4,324	1,818	3,478	369
1982 ..	47,527	21,065	14,879	4,328	1,858	3,752	410
1983 ..	46,468	21,112	15,091	4,339	1,682	3,613	433
1984 ..	43,970	20,023	14,234	4,255	1,534	3,237	435
1985 ..	43,369	19,666	13,565	4,283	1,818	3,200	443
1986 ..	42,837	18,977	12,762	4,438	1,777	3,300	480
1987 ..	43,054	18,448	12,254	4,400	1,794	3,553	482
1988 ..	42,767	18,477	12,121	4,382	1,974	3,634	492
1989 ..	43,785	18,622	12,021	4,601	2,000	3,973	601
1990 ..	45,742	18,810	12,073	4,809	1,928	4,449	652
Community Colleges <u>3/</u>							
Year	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward	Kauai	Mau i
1980 ..	19,472	4,509	4,978	5,575	1,442	1,082	1,886
1981 ..	20,949	5,211	5,089	6,032	1,489	1,201	1,927
1982 ..	22,300	5,331	5,560	6,261	1,568	1,272	2,308
1983 ..	21,310	5,131	5,284	6,060	1,462	1,190	2,183
1984 ..	20,275	4,554	5,281	5,785	1,366	1,176	2,113
1985 ..	20,060	4,539	5,058	5,667	1,543	1,177	2,076
1986 ..	20,080	4,275	5,226	5,703	1,644	1,248	1,984
1987 ..	20,571	4,527	5,505	5,748	1,650	1,183	1,958
1988 ..	20,164	4,303	5,599	5,445	1,558	1,239	2,020
1989 ..	20,589	4,199	5,741	5,652	1,606	1,313	2,078
1990 ..	21,831	4,379	6,275	5,805	1,622	1,413	2,337

Footnotes and source follow next table.

Table 92.-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 1980 TO 1990

Year ended June 30	University of Hawaii at Manoa					
	Associate	Bachelor	Master	Doctor	First profes- sional <u>4/</u>	Other <u>5/</u>
1980	46	2,859	969	102	136	124
1981	57	2,701	968	115	152	106
1982	52	2,588	993	111	137	122
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
Year ended June 30	University of Hawaii at Hilo <u>2/</u>			Univ. of Hawaii- West Oahu: Bachelor	Community Colleges <u>3/</u>	
	Certifi- cates <u>6/</u>	Associate degrees	Bachelor degrees		Certifi- cates <u>6/</u>	Associate degrees
1980	86	256	160	48	481	1,807
1981	57	261	171	47	483	1,763
1982	74	263	160	46	519	1,882
1983	68	242	193	91	509	2,008
1984	80	239	188	136	473	2,026
1985	67	229	180	77	454	1,875
1986	56	196	183	98	478	1,933
1987 <u>7/</u> .	56	202	201	139	378	1,840
1988 <u>7/</u> .	48	206	208	108	345	1,731
1989 <u>7/</u> .	74	180	154	116	201	1,609
1990 <u>7/</u> .	83	175	203	126	220	1,744

1/ Includes unclassified, special and no data on student level.

2/ Hilo College, College of Agriculture, and Hawaii Community College.

3/ Excludes Hawaii Community College, which is part of UHH.

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

5/ Certificates in Dental Hygiene and professional diplomas.

6/ Certificates of Achievement. At UHH, includes Certificates in Education beginning 1989 (30 in 1989).

7/ For community colleges, excludes no data (64 in 1987, 15 in 1988, 21 in 1989, 68 in 1990).

Source: University of Hawaii, Office of Institutional Research and Analysis, records.

Table 93.-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 1988 TO 1990

Subject	1988	1989	1990
Curricula offered at Manoa Campus, Fall <u>1/</u> ...	257	260	264
Bachelor's degree programs	88	88	88
Master's degree programs	84	85	86
Doctoral programs (DrPH, EdD, PhD)	49	49	49
Other programs <u>1/</u>	36	38	41
Tuition per semester (full-time undergraduate, regular session):			
Manoa Campus:			
Resident	\$ 565	\$ 615	615
Nonresident	1,840	1,840	1,840
Hilo (upper division):			
Resident	525	575	575
Nonresident	1,720	1,720	1,720
West Oahu:			
Resident	390	415	415
Nonresident	1,240	1,240	1,240
Community colleges:			
Resident	175	200	200
Nonresident	1,130	1,230	1,230
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	392,143	422,113	472,527
Current fund expenditures (\$1,000)	374,529	407,831	456,760
Number of students receiving financial aid .	15,556	(NA)	(NA)
Faculty and staff, October	7,168	7,388	7,790
Board of Regents appointees	5,482	5,806	6,180
Full-time	3,528	3,682	3,974
Part-time	1,954	2,124	2,206
Civil Service personnel	1,686	1,582	1,610
Full-time	1,637	1,540	1,567
Part-time	49	42	43

NA Not available.

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

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

Table 94.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1988 TO 1991

[Excludes extension programs of mainland and foreign schools 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	Assoc-iate	Bachelor's	Master's
1988, total	9,612	8,957	655	342	884	136
Brigham Young ..	2,055	2,055	-	74	220	-
Chaminade	2,507	2,169	338	85	268	125
Hawaii Loa	490	490	-	3	103	-
Hawaii Pacific .	4,560	4,243	317	180	293	11
1989, total	10,500	9,723	777	346	977	165
Brigham Young ..	2,040	2,040	-	62	246	-
Chaminade	2,903	2,588	315	109	293	126
Hawaii Loa	595	595	-	-	104	-
Hawaii Pacific .	4,962	4,500	462	175	334	39
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

1/ Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Loa College (in Kaneohe); Hawaii Pacific University (in Honolulu).

2/ In regular credit programs.

3/ Year ended June 30. Revised from Data Book 1990, table 98.

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

Table 95.-- 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 <u>1/</u>	4,872	2,494
Students residents of State <u>2/</u> ...	5,960	3,463
Students remaining in State <u>3/</u> ...	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 1990 (February 1991), pp. 195-196.

Table 96.-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES:
1986 TO 1989

[In thousands of dollars. Fiscal year data]

Institution	1986	1987	1988	1989 <u>1/</u>
All universities and colleges	47,676	58,671	58,779	84,753
University of Hawaii at Manoa	38,815	39,899	45,190	63,215

1/ The U.S. total in fiscal 1989 was \$15,658 million. Hawaii ranked 36th among the 50 States, and UH/Manoa ranked 59th among all universities and colleges.

Source: National Science Foundation, Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1989, NSF 91-316 Final (1991), pp. 128 and 130.

Table 97.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM:
1985 TO 1990

Subject	1985	1986	1987	1988	1989	1990
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> ..	497.05	497.55	497.55	532.05	543.05	557.05
Librarians	134.00	133.00	133.00	146.00	153.00	162.50
All others	363.05	364.55	364.55	386.05	390.05	394.55
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30:						
Books <u>3/</u>	1,976.8	2,096.8	2,073.8	2,225.7	2,320.8	2,391.7
Circulation, year ended						
June 30 <u>3/</u>	6,011.4	6,500.2	6,480.5	6,552.9	6,561.9	6,225.2

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/ In thousands.

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

Table 98.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1990

District	Library locations, June 30	Personnel, June 30 ^{1/}	Circulation, year ended June 30	
Total system	49	557.05	6,225,224	
Oahu	22	298.00	4,252,178	
Hawaii State Library	1	88.00	534,780	
East Oahu Library District ...	12	125.50	2,162,635	
West Oahu Library District ...	9	84.50	1,552,763	
Other islands	26	145.55	1,930,072	
Hawaii Library District	13	63.55	903,322	
Kauai Library District	5	33.50	446,962	
Maui Library District ^{2/}	8	48.50	579,788	
Library for the Blind and Physically Handicapped	1	14.50	44,974	
Administration/Centralized Processing Center	99.00	...	
	Collections, June 30			
District	Books	Periodical subscriptions	Phono-disk ^{3/}	Video tapes
Total system	2,391,764	9,505	83,770	4,861
Oahu	1,542,954	5,742	53,278	3,399
Hawaii State Library	417,323	2,033	18,307	1,048
East Oahu Library District ...	672,262	2,283	22,636	1,597
West Oahu Library District ...	453,369	1,426	12,335	754
Other islands	743,622	3,624	27,221	1,440
Hawaii Library District	322,064	1,516	7,681	428
Kauai Library District	182,158	859	10,303	479
Maui Library District ^{2/}	239,400	1,249	9,237	533
Library for the Blind and Physically Handicapped	<u>4/</u> 105,188	<u>4/</u> 139	<u>5/</u> 3,271	22

^{1/} See previous table footnote 1.

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

^{3/} Includes phonotapes and CD-ROM.

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

^{5/} Includes music recordings only.

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

Table 99.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,
BY CAMPUS: 1990 AND 1991

Campus	Number of volumes, June 30		Circulation, year ended June 30	
	1990	1991	1990	1991
All campuses	2,877,676	3,008,359	585,609	741,708
University of Hawaii at Manoa <u>1/</u> ..	2,385,601	2,500,175	369,243	509,749
University of Hawaii-West Oahu ...	23,710	24,575	6,000	6,000
University of Hawaii at Hilo <u>2/</u> ..	206,068	211,568	72,152	77,924
Community colleges, total <u>2/</u>	262,297	272,041	138,214	148,035
Honolulu	52,604	52,695	42,027	45,264
Kapiolani	40,253	44,157	19,312	22,422
Leeward	57,143	58,733	26,088	19,524
Windward	34,748	36,353	11,123	14,047
Kauai	41,500	42,713	20,862	20,447
Maui	36,049	37,390	18,802	26,331

1/ 1991 volumes total includes Government Documents Collection, not previously included. 1991 circulation total includes media use at Wong Audiovisual Center, not previously included.

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.