

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 1989-1990 totaled 206,000, 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 9,200 classroom teachers and 170,000 students (82.6 percent of the total). There were also 136 private schools with 2,600 teachers and over 35,000 pupils. Students graduating from public and private high schools in 1988-1989 numbered 13,100. Some 54,300 students attended colleges and universities in the State in 1989-1990, including 18,600 on the Manoa Campus of the University of Hawaii, 600 at UH-West Oahu, 4,000 at UH-Hilo, 20,600 at six community colleges, and 10,500 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 \$1,981 in 1978-1979 to \$4,172 in 1988-1989. 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 2.3 million books, 9,700 periodical subscriptions, and 78,000 phonodisks and phonotapes in 1989, with an annual circulation of 6.6 million. The University of Hawaii libraries in the same year counted 2.8 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: 1990 presents comparable information for the nation as a whole.

Table 81.-- 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 82.-- 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 83.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS
OLD AND OVER: 1950 TO 1980

Years completed	1950	1960	1970	1980
Percent high school graduates	31.6	46.1	61.9	73.8
Percent 4 years or more of college	6.1	9.0	14.0	20.3

Source: Robert C. Schmitt, Historical Statistics of Hawaii (1977), p. 227; U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C-13 (June 1983), table 61.

Table 84.-- 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 85.-- 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 86.-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1979-1980 TO 1989-1990

School year	Schools <u>1/</u>			Teachers <u>1/</u>		
	Total	Public	Private	Total	Public	Private
1979-80 ...	369	229	140	10,125	8,066	2,059
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
School year	Enrollment or membership <u>1/</u>			High school graduates		
	Total	Public <u>2/</u>	Private <u>3/</u>	Total	Public	Private
1979-80 ...	205,580	168,393	37,187	14,013	11,493	2,520
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	(NA)	(NA)	(NA)

NA Not available.

1/ September data for all years.

2/ Excludes pre-kindergarten prior to 1980-1981.

3/ Includes pre-kindergarten for all years.

Source: Hawaii State Department of Education, records.

Table 87.-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 12, 1989, AND HIGH SCHOOL GRADUATES, 1988-1989, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

Island	Number of schools, September 12, 1989			Number of teachers, September 12, 1989		
	Total	Public	Private	Total	Public	Private
State total	374	238	136	11,856	9,202	2,654
Hawaii	45	31	14	1,494	1,290	204
Maui	37	23	14	925	799	126
Lanai	1	1	-	32	32	-
Molokai	7	5	2	100	95	5
Oahu	263	165	98	8,722	6,465	2,257
Kauai	20	12	8	581	519	62
Niihau	1	1	-	2	2	-
Island	Enrollment, September 12, 1989			High school graduates, 1988-1989 school year		
	Total	Public	Private	Total	Public	Private
State total	205,591	169,904	35,687	13,100	10,597	2,503
Hawaii	25,923	23,772	2,151	1,524	1,362	162
Maui	17,226	15,213	2,013	996	884	112
Lanai	480	480	-	38	38	-
Molokai	1,698	1,668	30	105	105	-
Oahu	149,911	119,313	30,598	9,830	7,602	2,228
Kauai	10,321	9,426	895	607	606	1
Niihau	32	32	-	-	-	-

Source: Hawaii State Department of Education, records.

Table 88.-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1987 TO 1989

[September data]

Grade	1987 <u>1/</u>	1988 <u>1/</u>	1989		
			Total	Public	Private
All grades	202,419	203,358	205,591	169,904	35,687
Nursery	2,734	2,698	2,950	379	2,571
Kindergarten	16,915	16,924	17,024	14,157	2,867
1	16,718	16,995	17,084	14,552	2,532
2	16,111	16,358	16,714	14,188	2,526
3	15,286	15,856	16,084	13,671	2,413
4	14,436	14,948	15,562	13,256	2,306
5	14,231	14,229	14,766	12,509	2,257
6	13,692	14,106	14,133	11,935	2,198
7	13,402	13,956	14,303	11,455	2,848
8	13,497	13,368	13,934	11,200	2,734
9	14,476	14,396	14,500	11,874	2,626
10	14,103	13,761	13,382	10,858	2,524
11	14,260	13,495	13,262	10,798	2,464
12	13,239	12,645	11,906	9,500	2,406
Specials <u>2/</u>	9,319	9,623	9,987	9,572	415

1/ Combined totals for public and private systems.

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

Source: Hawaii State Department of Education, records.

Table 89.-- SCHOOL ENROLLMENT BY GRADES, BY COUNTIES:
SEPTEMBER 12, 1989

[Combined totals for public and private systems]

Grade	State total	Hawaii	Maui	Honolulu	Kauai
All grades	205,591	25,923	19,404	149,911	10,353
Nursery	2,950	255	144	2,443	108
Kindergarten	17,024	1,966	1,643	12,539	876
1	17,084	2,115	1,666	12,393	910
2	16,714	2,134	1,612	12,080	888
3	16,084	2,069	1,576	11,597	842
4	15,562	2,116	1,449	11,219	778
5	14,766	1,983	1,388	10,577	818
6	14,133	1,908	1,368	10,110	747
7	14,303	1,940	1,360	10,304	699
8	13,934	1,831	1,331	10,075	697
9	14,500	1,702	1,401	10,745	652
10	13,382	1,651	1,291	9,842	598
11	13,262	1,549	1,264	9,828	621
12	11,906	1,458	1,073	8,764	611
Special <u>1/</u>	9,987	1,246	838	7,395	508

1/ Includes ungraded students in special schools.
Source: Hawaii State Department of Education, records.

Table 90.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1986 TO 1989

Category	1986	1987	1988	1989
All federally-connected pupils	37,843	37,721	36,965	36,899
Percent of total enrollment	23.0	22.7	22.1	21.8
Military dependents	19,907	20,540	20,104	20,228
Others <u>1/</u>	17,936	17,181	16,861	16,671

1/ Includes dependents of civilian employees of armed forces.
Source: Hawaii State Department of Education, records.

Table 91.-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 12, 1989, AND PRIVATE HIGH SCHOOL GRADUATES, 1988-1989, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enrollment	High school graduates
Total	136	2,542	35,687	2,503
Church-affiliated	90	1,400	21,911	1,245
Roman Catholic	44	742	12,964	759
Other church-affiliated	46	658	8,947	486
Non-church-affiliated ...	46	1,142	13,776	1,258

Source: Hawaii State Department of Education, records.

Table 92.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1979-1980 TO 1989-1990

Fiscal year	Expenditures (dollars)		Cost per pupil ^{1/} (dollars)	Average annual salary of teachers (dollars)	Number of days of school
	Current operations	Capital outlay			
1979-1980 ..	360,316,441	30,489,000	2,163.62	19,858	<u>2/</u> 163
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	<u>3/</u> 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

1/ Based on average daily membership.

2/ Scheduled school days numbered 177; 14 days were missed because of "blue collar strike."

3/ One day missed due to Hurricane Iwa.

Source: Hawaii State Department of Education, records.

Table 93.-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES: 1975 TO 1990

Component	1974-75	1979-80	1984-85	1987-88	1988-89	1989-90 <u>1/</u>
Verbal	414	396	401	408	406	404
Math	478	472	476	480	482	481

1/ The U.S. averages in 1989-90 were 424 for verbal and 476 for math.
 Source: U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics 1989 (December 1989), p. 124; Honolulu Advertiser, September 12, 1989, p. A3, and August 28, 1990, pp. A1 and A5.

Table 94.-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 6, 8, AND 10: 1989

[Percent of students taking test]

Subject and level	Norm	Grade 3	Grade 6	Grade 8	Grade 10
Reading:					
Below average	23	22	16	25	22
Average	54	58	56	54	61
Above average	23	20	28	21	17
Math:					
Below average	23	18	19	26	20
Average	54	51	45	49	51
Above average	23	31	36	25	29

Source: Honolulu Advertiser, October 27, 1989, pp. A-1 and A-4.

Table 95.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS:
FALL 1979 TO 1989

[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>	West Oahu College
		Total	Under- graduates	Grad- uates	Other <u>1/</u>		
1979 ..	43,375	20,833	14,902	4,258	1,673	3,099	258
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
	Community Colleges <u>3/</u>						
Year	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward	Kauai	Maui
1979 ..	19,185	4,576	4,641	5,540	1,505	1,104	1,819
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

Footnotes and source follow next table.

Table 96.-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 1979 TO 1989

Year ended June 30	University of Hawaii at Manoa					
	Associate	Bachelor	Master	Doctor	First profes- sional <u>4/</u>	Other <u>5/</u>
1979	69	2,899	1,063	122	122	134
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

Year ended June 30	University of Hawaii at Hilo <u>2/</u>			West Oahu College: Bachelor	Community Colleges <u>3/</u>	
	Certifi- cates <u>6/</u>	Associate degrees	Bachelor degrees		Certifi- cates <u>6/</u>	Associate degrees
1979	92	255	166	22	509	1,964
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

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).

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

Table 97.-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 1987 TO 1989

Subject	1987	1988	1989
Curricula offered at Manoa Campus, Fall <u>1/</u> ...	252	257	260
Bachelor's degree programs	85	88	88
Master's degree programs	84	84	85
Doctoral programs (DrPH, EdD, PhD)	48	49	49
Other programs <u>1/</u>	35	36	38
Tuition per semester (full-time undergraduate, regular session):			
Manoa Campus:			
Resident	\$ 515	\$ 565	\$ 615
Nonresident	1,840	1,840	1,840
Hilo (upper division):			
Resident	475	525	575
Nonresident	1,720	1,720	1,720
West Oahu College:			
Resident	365	390	415
Nonresident	1,240	1,240	1,240
Community colleges:			
Resident	155	175	200
Nonresident	1,030	1,130	1,230
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	349,546	392,143	422,113
Current fund expenditures (\$1,000)	340,375	374,529	407,831
Number of students receiving financial aid .	16,182	15,556	(NA)
Faculty and staff, October	6,973	7,168	7,388
Board of Regents appointees	5,360	5,482	5,806
Full-time	3,419	3,528	3,682
Part-time	1,941	1,954	2,124
Civil Service personnel	1,613	1,686	1,582
Full-time	1,566	1,637	1,540
Part-time	47	49	42

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 98.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1987 TO 1990

[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	Undergrad	Graduate	Associate	Bachelor's	Master's
1987, total	9,576	9,038	538	303	827	132
Brigham Young ..	2,079	2,079	-	57	212	-
Chaminade	2,584	2,276	308	80	271	132
Hawaii Loa	399	399	-	4	68	-
Hawaii Pacific .	4,514	4,284	230	162	276	-
1988, total	9,612	8,957	655	343	876	136
Brigham Young ..	2,055	2,055	-	75	212	-
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	376	1,041	165
Brigham Young ..	2,040	2,040	-	92	310	-
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	435	1,261	196
Brigham Young ..	2,140	2,140	-	143	471	-
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

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.

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

Table 99.-- RESIDENCE AND MIGRATION OF ALL NEW COLLEGE STUDENTS:
FALL 1979, 1981, 1984, AND 1986

[New students are those students who are enrolled at the reporting institution for the first time at each of the following levels-undergraduate, graduate, first-professional, or unclassified]

Category	1979	1981	1984	1986
Students enrolled in State <u>1/</u>	15,450	16,235	15,611	14,850
Students residents of State <u>2/</u> ...	16,411	17,318	15,429	15,644
Students remaining in State <u>3/</u> ...	12,725	13,626	12,556	12,963
Migration of students:				
Out of State	3,686	3,692	2,873	2,681
Into State	2,725	2,609	3,055	1,887
Net migration	-961	-1,083	+182	-794

1/ All first-time students reported by the institution attended; i.e., all in-migrants (including foreign students) and "remaining" students.

2/ All students residing in Hawaii when first admitted to the reporting institution (whether in Hawaii, on the Mainland, or in outlying areas) at the current student level.

3/ Students who attend institutions in their home State.

Source: U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics 1981 (February 1981), p. 88, Digest of Education Statistics 1983-84 (1984), p. 90, Digest of Education Statistics 1987 (May 1987), p. 143, and Digest of Education Statistics 1989, (Dec. 1989), p. 191.

Table 100.-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES:
1984 TO 1988

[In thousands of dollars. Fiscal year data]

Institution	1984	1985	1986	1987	1988
All universities and colleges ...	38,299	50,421	47,676	58,671	58,779
University of Hawaii at Manoa ...	30,748	42,806	38,815	39,899	45,190

Source: National Science Foundation, Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1988, NSF 89-325 (1989), pp. 121 and 123.

Table 101.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM:
1984 TO 1989

Subject	1984	1985	1986	1987	1988	1989
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> ..	492.05	497.05	497.55	497.55	532.05	543.05
Librarians	131.00	134.00	133.00	133.00	146.00	153.00
All others	361.05	363.05	364.55	364.55	386.05	390.05
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30:						
Books <u>3/</u>	2,207.4	1,976.8	2,096.8	2,073.8	2,225.7	2,320.8
Circulation, year ended June 30 <u>3/</u>	5,490.9	6,011.4	6,500.2	6,480.5	6,552.9	6,561.9

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

2/ Regular weekly totals for Hawaii State Library, 478 South King Street, Honolulu.

3/ In thousands.

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

Table 102.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1989

District	Library locations, June 30	Personnel, June 30 ^{1/}	Circulation, year ended June 30	
Total system	49	543.05	6,561,905	
Oahu	22	293.00	4,513,537	
Hawaii State Library	1	88.00	536,782	
East Oahu Library District ...	12	121.50	2,477,632	
West Oahu Library District ...	9	83.50	1,499,123	
Other islands	26	142.55	2,007,190	
Hawaii Library District	13	62.55	1,009,759	
Kauai Library District	5	34.50	431,718	
Maui Library District ^{2/}	8	45.50	565,713	
Library for the Blind and Physically Handicapped	1	14.50	41,178	
Administration/Centralized Processing Center	93.00	...	
	Collections, June 30			
District	Books	Periodical subscriptions	Phono-disks/ phonotapes	Video tapes
Total system	2,320,850	9,743	78,468	1,386
Oahu	1,502,326	5,755	50,283	817
Hawaii State Library	420,294	2,035	18,122	557
East Oahu Library District ...	655,300	2,283	20,813	260
West Oahu Library District ...	426,732	1,437	11,348	-
Other islands	720,663	3,448	24,942	569
Hawaii Library District	310,314	1,604	7,236	142
Kauai Library District	181,680	997	10,322	148
Maui Library District ^{2/}	228,669	1,247	7,384	279
Library for the Blind and Physically Handicapped	<u>3/</u> 97,861	<u>3/</u> 140	<u>4/</u> 3,243	-

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

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

^{3/} Includes print, braille, and recorded media.

^{4/} Includes music recordings only.

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

Table 103.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,
BY CAMPUS: 1987 TO 1989

Subject and campus	1987	1988	1989
NUMBER OF VOLUMES, JUNE 30			
All campuses	2,616,130	2,709,892	2,788,392
University of Hawaii at Manoa	2,164,497	2,244,118	2,312,229
University of Hawaii-West Oahu	21,577	20,482	22,832
University of Hawaii at Hilo <u>2/</u>	188,692	194,692	198,451
Community colleges, total <u>2/</u>	241,364	250,600	254,880
Honolulu	48,726	50,681	51,710
Kapiolani	37,215	38,982	37,945
Leeward	54,953	56,054	56,907
Windward	32,348	33,043	33,970
Kauai	36,090	37,736	39,567
Maui	32,032	34,104	34,781
CIRCULATION, YEAR ENDED JUNE 30			
All campuses	548,529	583,250	622,821
University of Hawaii at Manoa	332,036	374,260	404,034
University of Hawaii-West Oahu	6,565	5,336	4,902
University of Hawaii at Hilo <u>1/</u>	52,900	48,885	57,901
Community colleges, total <u>1/</u>	157,028	154,769	155,984
Honolulu	48,448	46,735	52,101
Kapiolani	16,827	17,544	17,860
Leeward	39,339	38,407	33,011
Windward	13,842	15,070	13,191
Kauai	15,649	13,417	17,148
Maui	22,923	23,596	22,673

1/ Hawaii Community College is included with the University of Hawaii at Hilo.

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