

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 1988-1989 totaled 203,000, slightly more than in the preceding year but well below the all-time high of 216,000 reached in 1971-1972. There were 235 public schools with 8,973 classroom teachers and 168,000 students (82.6 percent of the total). There were also 141 private schools with 2,512 teachers and over 35,000 pupils. Students graduating from public and private high schools in 1987-1988 numbered 13,448. Some 52,400 students attended colleges and universities in the State in 1988-1989, including 18,500 on the Manoa Campus of the University of Hawaii, 500 at West Oahu College, 3,600 at UH-Hilo, 20,200 at six community colleges, and 9,600 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 \$1,884 in 1977-1978 to \$3,950 in 1987-1988. 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. More than one-fifth 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 2.2 million books, 8,500 periodical subscriptions, and 74,000 phonodisks and phonotapes in 1988, with an annual circulation of 6.6 million. The University of Hawaii libraries in the same year counted 2.7 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: 1989 presents comparable information for the nation as a whole.

Table 83.-- 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 84.-- 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 85.-- 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 86.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS
OLD AND OVER: ANNUAL AVERAGES, 1983-85 AND 1986-88

[Based on pooled samples of 1,730 households (5,288 persons of all ages) for 1983-1985 and 1,512 households (4,540 persons) for 1986-1988]

Years of school completed	1983-1985	1986-1988
Persons 25 years and over	592,963	668,007
None	7,030	7,666
Elementary	68,995	71,447
High school, 1 to 3 years	59,085	58,346
High school, 4 years	220,321	248,283
College, 1 to 3 years	109,846	138,974
College, 4 years	79,102	84,396
College, 5 or more years	48,584	58,896
Median (years)	12.8	12.8

Source: U.S. Bureau of the Census for the U.S. Bureau of Labor Statistics, Current Population Survey (March), annual, 1983 to 1988; machine-readable data file, special tabulation by Hawaii State Data Center.

Table 87.-- 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 88.-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1978-1979 TO 1988-1989

School year	Schools <u>1/</u>			Teachers <u>1/</u>		
	Total	Public	Private	Total	Public <u>2/</u>	Private <u>3/</u>
1978-79 ...	365	229	136	9,815	7,930	1,885
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
School year	Enrollment or membership <u>1/</u>			High school graduates		
	Total	Public <u>4/</u>	Private <u>5/</u>	Total	Public	Private
1978-79 ...	206,812	170,515	36,297	14,097	11,637	2,460
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	(NA)	(NA)	(NA)

NA Not available.

1/ September data for all years.

2/ Special schools excluded for 1978-1979 but included beginning 1979-1980.

3/ Includes special schools for all years.

4/ Includes special schools; excludes pre-kindergarten prior to 1980-1981.

5/ Includes special schools and pre-kindergarten for all years.

Source: Hawaii State Department of Education, records.

Table 89.-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 13, 1988, AND HIGH SCHOOL GRADUATES, 1987-1988, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

Island	Number of schools, September 13, 1988			Number of teachers, September 13, 1988		
	Total	Public	Private	Total	Public	Private
State total	376	235	141	11,485	8,973	2,512
Hawaii	47	31	16	1,421	1,230	191
Maui	35	22	13	875	749	126
Lanai	1	1	-	31	31	-
Molokai	7	5	2	99	94	5
Oahu	265	163	102	8,496	6,370	2,126
Kauai	20	12	8	561	497	64
Niihau	1	1	-	2	2	-
Other islands <u>1</u> /	-	-	-	-	-	-
Island	Enrollment, September 13, 1988			High school graduates, 1987-1988 school year		
	Total	Public	Private	Total	Public	Private
State total	203,358	167,899	35,459	13,448	10,800	2,648
Hawaii	25,179	22,922	2,257	1,554	1,400	154
Maui	16,423	14,572	1,851	985	855	130
Lanai	460	460	-	38	38	-
Molokai	1,683	1,656	27	107	106	1
Oahu	149,574	119,053	30,521	10,132	7,769	2,363
Kauai	10,007	9,204	803	632	632	-
Niihau	32	32	-	-	-	-
Other islands <u>1</u> /	-	-	-	-	-	-

Source: Hawaii State Department of Education, records.

Table 90.-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1983 TO 1988

[September data]

Grade	1983	1984	1985	1986
All grades	200,240	200,869	200,952	201,188
Nursery	3,354	2,767	2,774	2,796
Kindergarten	15,390	15,980	16,362	16,557
1	15,567	15,731	16,020	16,538
2	14,726	15,305	15,135	15,672
3	13,917	14,553	14,826	14,778
4	13,790	13,783	14,203	14,434
5	13,493	13,598	13,372	13,980
6	13,463	13,437	13,328	13,156
7	14,525	13,693	13,488	13,313
8	14,950	14,551	13,530	13,287
9	15,265	15,945	15,496	14,647
10	14,487	15,049	15,635	14,967
11	13,844	13,731	14,305	14,637
12	12,899	12,465	12,420	12,936
Specials <u>1/</u>	10,570	10,281	10,058	9,490
		1988		
Grade	1987	Total	Public	Private
All grades	202,419	203,358	167,899	35,459
Nursery	2,734	2,698	342	2,356
Kindergarten	16,915	16,924	14,099	2,825
1	16,718	16,995	14,288	2,707
2	16,111	16,358	13,807	2,551
3	15,286	15,856	13,438	2,418
4	14,436	14,948	12,662	2,286
5	14,231	14,229	12,084	2,145
6	13,692	14,106	11,964	2,142
7	13,402	13,956	11,203	2,753
8	13,497	13,368	10,740	2,628
9	14,476	14,396	11,780	2,616
10	14,103	13,761	11,199	2,562
11	14,260	13,495	10,993	2,502
12	13,239	12,645	10,086	2,559
Specials <u>1/</u>	9,319	9,623	9,214	409

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

Source: Hawaii State Department of Education, records.

Table 91.-- ENROLLMENT (PUBLIC AND PRIVATE SCHOOLS COMBINED),
BY GRADES, BY COUNTIES: SEPTEMBER 13, 1988

Grade	State total	Hawaii	Maui	Honolulu	Kauai
All grades	203,358	25,179	18,566	149,574	10,039
Nursery	2,698	334	158	2,085	121
Kindergarten	16,924	2,008	1,620	12,360	936
1	16,995	2,110	1,599	12,414	872
2	16,358	2,025	1,577	11,937	819
3	15,856	2,058	1,446	11,560	792
4	14,948	1,938	1,386	10,835	789
5	14,229	1,865	1,341	10,284	739
6	14,106	1,887	1,335	10,206	678
7	13,956	1,801	1,295	10,154	706
8	13,368	1,588	1,237	9,900	643
9	14,396	1,718	1,303	10,779	596
10	13,761	1,593	1,226	10,325	617
11	13,495	1,620	1,207	10,015	653
12	12,645	1,490	1,134	9,426	595
Specials <u>1/</u>	9,623	1,144	702	7,294	483

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

Table 92.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1985 TO 1988

Category	1985	1986	1987	1988
All federally-connected pupils	38,046	37,843	37,721	36,965
Percent of total enrollment	23.2	23.0	22.7	22.1
Military dependents	20,037	19,907	20,540	20,104
Others <u>1/</u>	18,009	17,936	17,181	16,861

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

Table 93.-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 13, 1988, AND PRIVATE HIGH SCHOOL GRADUATES, 1987-1988, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enroll- ment	High school graduates
Total	141	2,512	35,459	2,648
Church-affiliated	92	1,463	22,757	1,457
Roman Catholic	40	685	12,098	840
Other church-affiliated	52	778	10,659	617
Non-church-affiliated ...	49	1,049	12,702	1,191

Source: Hawaii State Department of Education, records.

Table 94.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1978-1979 TO 1988-1989

Fiscal year	Expenditures (dollars)		Cost per pupil <u>1/</u> (dollars)	Average annual salary of teachers (dollars)	Number of days of school
	Current operations	Capital outlay			
1978-1979 ..	333,768,126	20,809,000	1,981.35	18,360	173
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 ..	684,657,547	37,505,200	4,171.74	29,835	174

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 95.-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES: 1975 TO 1989

Component	1974-75	1979-80	1985-86	1986-87	1987-88	1988-89 ^{1/}
Verbal	414	396	403	404	408	406
Math	478	472	477	477	480	482

^{1/} The U.S. averages in 1988-89 were 427 for verbal and 476 for math.

Source: U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics 1988 (September 1988), p. 111; Honolulu Advertiser, September 20, 1988, p. A-1, and September 12, 1989, p. A-3.

Table 96.-- 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 97.-- 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 98.-- 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 99.-- 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 100.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1986 TO 1989

[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
1986, total	9,082	8,661	421	252	736	74
Brigham Young ..	2,005	2,005	-	51	165	-
Chaminade	2,606	2,305	301	53	257	74
Hawaii Loa	400	400	-	1	70	-
Hawaii Pacific .	4,071	3,951	120	147	244	-
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

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

2/ In regular credit programs.

3/ Year ended June 30.

Source: Compiled by Hawaii State Department of Business and Economic Development from college officials.

Table 101.-- 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
Student 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 1988, p. 166.

Table 102.-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES:
1983 TO 1987

[In thousands of dollars. Fiscal year data]

Institution	1983	1984	1985	1986	1987
All universities and colleges ...	36,522	38,299	50,421	47,676	58,671
University of Hawaii at Manoa ...	30,815	30,748	42,806	38,815	39,899

Source: National Science Foundation, Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1987, NSF 88-330 (1989), pp. 108 and 110.

Table 103.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM:
1983 TO 1988

Subject	1983	1984	1985	1986	1987	1988
Library locations, June 30	47	49	49	49	49	49
Oahu	22	23	23	23	23	23
Other islands	25	26	26	26	26	26
Personnel, June 30 <u>1/</u> ..	482.55	492.05	497.05	497.55	497.55	532.05
Librarians	126.00	131.00	134.00	133.00	133.00	146.00
All others	356.55	361.05	363.05	364.55	364.55	386.05
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30:						
Books <u>3/</u>	2,203.4	2,207.4	1,976.8	2,096.8	2,073.8	2,225.7
Circulation, year ended June 30 <u>3/</u>	5,321.7	5,490.7	6,011.4	6,500.2	6,480.5	6,552.9

1/ Full-time equivalent basis, excluding student help. For 1984 and later years, data include 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 104.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1988

District	Library locations, June 30	Personnel, June 30 <u>1/</u>	Circulation, year ended June 30
Total system	49	532.05	6,552,926
Oahu	22	286.00	
Hawaii State Library	1	88.00	529,826
East Oahu Library District ...	12	120.50	2,569,298
West Oahu Library District ...	9	77.50	1,472,817
Other islands	26	138.55	
Hawaii Library District	13	61.55	987,397
Kauai Library District	5	32.50	430,221
Maui Library District <u>2/</u>	8	44.50	522,886
Library for the Blind and Physically Handicapped	1	14.50	40,211
Administration/Centralized Processing Center	93.00	...
	Collections, June 30		
District	Books	Periodical subscriptions	Phonodisks/phonotapes
Total system	2,225,737	8,468	74,416
Oahu	1,449,161	5,041	47,881
Hawaii State Library	406,944	1,949	18,712
East Oahu Library District ...	639,851	1,934	19,179
West Oahu Library District ...	402,366	1,158	9,990
Other islands	683,697	3,257	23,312
Hawaii Library District	291,956	1,225	7,131
Kauai Library District	177,951	828	9,590
Maui Library District <u>2/</u>	213,790	1,204	6,591
Library for the Blind and Physically Handicapped	<u>3/</u> 92,879	<u>3/</u> 170	<u>4/</u> 3,223

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, number of titles only.

4/ Includes music recordings only.

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

Table 105.-- 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.