

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 1986-1987 totaled 201,000, slightly more than in the preceding year but well below the all-time high of 216,000 reached in 1971-1972. There were 232 public schools with 8,244 classroom teachers and 165,000 students (81.8 percent of the total). There were also 145 private schools with 2,544 teachers and over 36,000 pupils. Students graduating from public and private high schools in 1985-1986 numbered 12,468. Some 52,000 students attended colleges and universities in the State in 1986-1987, including 19,000 on the Manoa Campus of the University of Hawaii, 500 at West Oahu College, 3,300 at UH-Hilo, 20,000 at six community colleges, and 9,000 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 \$1,718 in 1976-1977 to \$3,748 in 1986-1987. 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 15 percent were illiterate in English as of 1980. 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 in all four counties, had 2.1 million books, and 2.8 million microforms, film reels, phonorecords, and other collections in 1986, with an annual circulation of 6.5 million. The University of Hawaii libraries in the same year counted 2.5 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: 1987 presents comparable information for the nation as a whole.

Table 107.-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1976-1977 TO 1986-1987

School year	Schools <u>1/</u>			Teachers <u>1/</u>		
	Total	Public	Private	Total	Public <u>2/</u>	Private <u>3/</u>
1976-77 ...	353	227	126	10,115	8,008	2,107
1977-78 ...	356	228	128	9,972	7,891	2,081
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
School year	Enrollment or membership <u>1/</u>			High school graduates		
	Total	Public <u>4/</u>	Private <u>5/</u>	Total	Public	Private
1976-77 ...	210,736	174,838	35,898	13,823	11,637	2,186
1977-78 ...	208,830	172,649	36,181	13,867	11,464	2,403
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	(NA)	(NA)	(NA)

NA Not available.

1/ September data for all years.

2/ Special schools excluded through 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 108.-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 12, 1986, AND HIGH SCHOOL GRADUATES, 1985-1986, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

[Data include special schools other than University Laboratory Schools]

Island	Number of schools, September 11, 1986			Number of teachers, September 11, 1986		
	Total	Public	Private	Total	Public	Private
State total	377	232	145	10,788	8,244	2,544
Hawaii	46	31	15	1,272	1,087	185
Maui	33	20	13	789	654	135
Lanai	1	1	-	28	28	-
Molokai	7	5	2	92	87	5
Oahu	270	162	108	8,103	5,946	2,157
Kauai	19	12	7	501	439	62
Niihau	1	1	-	3	3	-
Island	Enrollment, September 11, 1986			High school graduates, 1985-1986 school year		
	Total	Public	Private	Total	Public	Private
State total	201,188	164,640	36,548	12,468	9,958	2,510
Hawaii	24,016	21,816	2,200	1,398	1,269	129
Maui	15,372	13,422	1,950	938	803	135
Lanai	452	452	-	29	29	-
Molokai	1,635	1,608	27	96	96	-
Oahu	150,263	118,657	31,606	9,483	7,238	2,245
Kauai	9,429	8,664	765	524	523	1
Niihau	21	21	-	-	-	-

Source: Hawaii State Department of Education, January 8, 1987.

Table 109.-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1981 TO 1986

[September data. Excludes the University Laboratory Schools]

Grade	1981	1982	1983	1984
All grades	200,844	200,129	200,240	200,869
Nursery	3,192	3,543	3,354	2,767
Kindergarten	14,874	15,400	15,390	15,980
1	14,482	15,011	15,567	15,731
2	14,067	14,148	14,726	15,305
3	13,919	13,896	13,917	14,553
4	13,894	13,695	13,790	13,783
5	14,550	13,738	13,493	13,598
6	14,864	14,365	13,463	13,437
7	14,648	15,020	14,525	13,693
8	13,647	14,462	14,950	14,551
9	14,725	14,758	15,265	15,945
10	15,378	14,746	14,487	15,049
11	14,609	14,168	13,844	13,731
12	14,104	12,942	12,899	12,465
Specials <u>1/</u>	9,891	10,237	10,570	10,281
			1986	
Grade	1985	Total	Public	Private
All grades	200,952	201,188	164,640	36,548
Nursery	2,774	2,796	304	2,492
Kindergarten	16,362	16,557	13,642	2,915
1	16,020	16,538	13,779	2,759
2	15,135	15,672	13,092	2,580
3	14,826	14,778	12,355	2,423
4	14,203	14,434	12,146	2,288
5	13,372	13,980	11,744	2,236
6	13,328	13,156	10,994	2,162
7	13,488	13,313	10,665	2,648
8	13,530	13,287	10,611	2,676
9	15,496	14,647	11,883	2,764
10	15,635	14,967	12,235	2,732
11	14,305	14,637	11,825	2,812
12	12,420	12,936	10,251	2,685
Specials <u>1/</u>	10,058	9,490	9,114	376

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

Source: Hawaii State Department of Education, records.

Table 110.-- ENROLLMENT (PUBLIC AND PRIVATE SCHOOLS COMBINED),
BY GRADES, BY COUNTIES: SEPTEMBER 11, 1986

[Excludes the University Laboratory Schools]

Grade	State total	Hawaii	Maui	Honolulu	Kauai
All grades	201,188	24,016	17,459	150,263	9,450
Nursery	2,796	233	178	2,326	59
Kindergarten	16,557	1,919	1,488	12,325	825
1	16,538	2,069	1,442	12,233	794
2	15,672	1,977	1,419	11,460	816
3	14,778	1,931	1,314	10,781	752
4	14,434	1,869	1,307	10,581	677
5	13,980	1,780	1,271	10,219	710
6	13,156	1,585	1,203	9,718	650
7	13,313	1,587	1,177	9,955	594
8	13,287	1,508	1,134	10,025	620
9	14,647	1,702	1,250	11,050	645
10	14,967	1,593	1,273	11,455	646
11	14,637	1,653	1,252	11,075	657
12	12,936	1,467	1,072	9,805	592
Specials <u>1/</u>	9,490	1,143	679	7,255	413

1/ Includes ungraded students in special schools.

Source: Hawaii State Department of Education, January 8, 1987.

Table 111.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1983 TO 1986

Category	1983	1984	1985	1986
All federally-connected pupils	38,305	38,927	38,046	37,843
Percent of total enrollment	23.6	23.8	23.2	23.0
Military dependents	19,965	20,304	20,037	19,907
Others <u>1/</u>	18,340	18,623	18,009	17,936

1/ Includes dependents of civilian employees of armed forces.

Source: Hawaii State Department of Education, records.

Table 112.-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 11, 1986, AND PRIVATE HIGH SCHOOL GRADUATES, 1985-1986, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enrollment	High school graduates
Total	145	2,544	36,548	2,510
Church-affiliated	95	1,512	24,003	1,397
Roman Catholic	39	756	12,960	827
Other church-affiliated	56	756	11,043	570
Non-church-affiliated ...	50	1,032	12,545	1,113

Source: Hawaii State Department of Education, January 8, 1987.

Table 113.-- FRACTION OF HAWAIIAN BLOOD AMONG STUDENTS AT THE KAMEHAMEHA SCHOOLS: 1968-69 AND 1985-86

Fraction	1968-69	1985-86	Fraction	1968-69	1985-86
Number ...	2,554	2,764	Percent--con.:		
Percent	100.00	100.00	1/2	16.17	12.36
Unmixed	0.20	0.04	3/8	19.66	20.33
7/8	0.82	1.25	1/4	26.86	30.21
3/4	3.25	2.66	1/8	21.61	19.65
5/8	7.83	5.89	1/16	3.60	7.61
			None	0	0

Source: The Kamehameha Schools, records.

Table 114.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1969-1970 TO 1986-1987

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			
1969-1970 ..	146,753,192	37,564,333	818.19	9,591	179
1970-1971 ..	179,070,294	34,539,101	988.54	10,424	177 1/2
1971-1972 ..	183,830,422	35,269,593	1,007.10	10,459	178 1/2
1972-1973 ..	184,118,840	31,618,093	1,014.02	10,883	174
1973-1974 ..	221,923,654	33,618,196	1,257.40	11,968	176
1974-1975 ..	232,185,601	24,832,512	1,305.00	13,949	178
1975-1976 ..	268,155,310	31,983,000	1,503.39	15,111	178
1976-1977 ..	298,770,753	38,105,500	1,718.34	16,689	175
1977-1978 ..	322,185,202	23,196,000	1,883.79	17,579	175
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

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 115.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS:
FALL 1977 TO 1987

[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>		
1977 ..	43,888	21,106	15,208	4,280	1,618	3,280	201
1978 ..	43,803	21,225	15,148	4,350	1,727	3,053	234
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
Community Colleges <u>3/</u>							
Year	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward	Kauai	Maui
1977 ..	19,301	4,402	4,494	6,159	1,353	1,245	1,648
1978 ..	19,291	4,386	4,738	5,893	1,415	1,137	1,722
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

Footnotes and source follow next table.

Table 116.-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 1977 TO 1987

Year ended June 30	University of Hawaii at Manoa					
	Associate	Bachelor	Master	Doctor	First profes- sional <u>4/</u>	Other <u>5/</u>
1977	58	3,192	1,019	135	113	164
1978	61	3,213	1,007	129	125	157
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	2,602	794	130	137	249
Year ended June 30	University of Hawaii at Hilo <u>2/</u>			West Oahu College: Bachelor	Community Colleges <u>3/</u>	
	Certifi- cates	Associate degrees	Bachelor degrees		Certifi- cates <u>6/</u>	Associate degrees
1977	93	255	196	6	420	1,598
1978	69	280	206	12	456	1,864
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

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 the University of Hawaii at Hilo.

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.

7/ Excludes 64 no data for community colleges.

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

Table 117.-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 1986 AND 1987

Subject	1986	1987
Curricula offered (Manoa Campus), Fall	236	246
Bachelor's degree programs	86	85
Master's degree programs	81	84
Doctoral programs (DrPH, EdD, PhD)	46	48
Other programs <u>1/</u>	23	29
Tuition per semester (full-time undergraduate, regular session):		
Manoa Campus:		
Resident	\$ 470	\$ 515
Nonresident	1,685	1,840
Hilo (upper division):		
Resident	425	475
Nonresident	1,575	1,720
West Oahu College:		
Resident	340	365
Nonresident	1,170	1,240
Community colleges:		
Resident	135	155
Nonresident	940	1,030
Finances, fiscal year ending June 30:		
Current fund revenues (\$1,000)	339,608	349,546
Current fund expenditures (\$1,000)	332,566	340,375
Number of students receiving financial aid	17,414	16,182
Faculty and staff, October	6,898	6,973
Board of Regents appointees	5,278	5,360
Full-time	3,329	3,419
Part-time	1,949	1,941
Civil Service personnel	1,620	1,613
Full-time	1,580	1,566
Part-time	40	47

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, December 1986, and records.

Table 118.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1984 TO 1987

[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
1984, total	8,215	8,056	159	249	643	66
Brigham Young ..	1,912	1,912	-	49	159	-
Chaminade	2,471	2,312	159	72	246	66
Hawaii Loa	430	430	-	-	66	-
Hawaii Pacific .	3,402	3,402	-	128	172	-
1985, total	8,620	8,396	224	222	663	53
Brigham Young ..	1,926	1,926	-	54	187	-
Chaminade	2,512	2,288	224	41	251	53
Hawaii Loa	475	475	-	-	45	-
Hawaii Pacific .	3,707	3,707	-	127	180	-
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	-

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. Data for 1984-1986 have been revised.

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

Table 119.-- EDUCATIONAL CHARACTERISTICS: 1970 AND 1980

Subject	1970	1980	Percent	
			1970	1980
SCHOOL ENROLLMENT				
Persons 3 years old and over enrolled in school ^{1/}	235,765	266,181	100.0	100.0
Nursery school	7,707	12,808	3.3	4.8
Private	5,524	9,608	2.3	3.6
Kindergarten	14,615	14,289	6.2	5.4
Private	1,635	2,932	0.7	1.1
Elementary (1 to 8 years)	127,678	118,991	54.2	44.7
Private	13,770	19,644	5.8	7.4
High school (1 to 4 years)	57,455	65,609	24.4	24.6
Private	7,360	10,824	3.1	4.1
College	28,310	54,484	12.0	20.5
YEARS OF SCHOOL COMPLETED				
Persons 25 years old and over	384,843	547,608	100.0	100.0
Elementary: 0 to 4 years	32,080	28,969	8.3	5.3
5 to 8 years	63,256	59,576	16.4	10.9
High school: 1 to 3 years	51,365	54,793	13.3	10.0
4 years	138,307	192,042	35.9	35.1
College: 1 to 3 years	46,088	100,813	12.0	18.4
4 or more years	53,747	111,415	14.0	20.3

^{1/} 1970 figures include persons 3 to 34 years old only.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 61.

Table 120.-- 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 121.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY COUNTIES AND ISLANDS: 1980

County or island	Percent high school grads	Percent 4 years or more college	County or island	Percent high school grads	Percent 4 years or more college
State	73.8	20.3	Islands:		
Counties:			Hawaii	68.9	15.2
Hawaii	68.9	15.2	Maui	69.1	15.9
Maui	67.7	15.3	Lanai	38.2	9.4
Kalawao	28.2	3.5	Molokai	60.5	10.1
Honolulu	75.6	21.7	Oahu	75.6	21.7
Kauai	64.1	15.7	Kauai	64.4	15.8
			Niihau	0	0

Source: U.S. Bureau of the Census, 1980 Census of Population and Housing, PHC80-2-13 (June 1983), and PHC80-2-183 (June 1983).

Table 122.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: ANNUAL AVERAGES, 1982-84 AND 1985-87

[Based on pooled samples of 1,772 households (5,443 persons of all ages) for 1982-1984 and 1,530 households (4,600 persons) for 1985-1987]

Years of school completed	1982-1984	1985-1987
Persons 25 years and over	571,838	642,782
None	5,306	4,299
Elementary	72,108	72,035
High school, 1 to 3 years	59,005	58,016
High school, 4 years	208,780	242,496
College, 1 to 3 years	108,446	125,379
College, 4 years	73,521	81,801
College, 5 or more years	44,671	58,755
Median (years)	12.7	12.8

Source: U.S. Bureau of the Census for the U.S. Bureau of Labor Statistics, Current Population Survey (March), annual, 1982 to 1987; machine-readable data file, special tabulation by Hawaii State Data Center.

Table 123.-- ILLITERACY AND YEARS OF SCHOOL COMPLETED: 1970-1980

[For qualifications and earlier years, see Data Book 1986, table 119]

Subject	Age group	Number	Percent
Illiterate:			
In any language, 1970	14 and over	...	1.9
In English, 1980	20 and over	...	15
Years of school completed, 1980:			
Less than 1 year	15 and over	11,218	1.5
Less than 5 years	15 and over	29,929	4.0

Source: Statistical Abstract of the United States: 1975, p. 120; U.S. Department of Education, Office of the Deputy Undersecretary for Planning, Budget and Evaluation, Adult Illiteracy Estimates for States (revised April 14, 1986); U.S. Bureau of the Census, 1980 Census of Population, PC80-1-D13 (October 1983), table 203.

Table 124.-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 6, 8, AND 10: APRIL 21, 1987

[Percent of students taking test]

Subject and level	Norm	Grade 3	Grade 6	Grade 8	Grade 10
Reading:					
Below average	23	23	23	26	24
Average	54	58	56	55	59
Above average	23	19	21	20	17
Math:					
Below average	23	19	20	28	23
Average	54	50	47	48	49
Above average	23	31	32	24	28

Source: Hawaii State Department of Education, Test Development and Administration Section, records.

Table 125.-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES: 1975 TO 1987

Component	1974-75	1979-80	1982-83	1984-85	1985-86	1986-87
Verbal <u>1/</u>	415	396	393	401	403	404
Math <u>2/</u>	478	472	471	476	477	477

1/ U.S. averages during this period ranged from 424 to 434.

2/ U.S. averages during this period ranged from 466 to 476.

Source: U.S. Department of Education, Center for Education Statistics, Digest of Education Statistics 1987 (May 1987), p. 95; Honolulu Star-Bulletin, September 17, 1987, pp. A-1 and A-21.

Table 126.-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES:
1981 TO 1985

[In thousands of dollars. Fiscal year data]

Institution	1981	1982	1983	1984	1985
All universities and colleges ...	37,927	41,150	36,522	38,299	50,421
University of Hawaii at Manoa ...	27,280	28,278	30,815	30,748	39,084

Source: National Science Foundation, Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1985, Detailed Statistical Tables (1987), pp. 99 and 101.

Table 127.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM:
1981 TO 1986

Subject	1981	1982	1983	1984	1985	1986
Library locations,						
June 30	47	47	47	49	49	49
Oahu	22	22	22	23	23	23
Other islands	25	25	25	26	26	26
Personnel, June 30 <u>1/</u> ..	437.30	473.95	482.55	492.05	497.05	502.05
Librarians	122.00	124.40	126.00	131.00	134.00	133.00
All others	315.30	349.55	356.55	361.05	363.05	369.05
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30: <u>3/</u>						
Books <u>4/</u>	2,118.2	2,239.0	2,203.4	2,207.4	1,976.8	2,096.8
Audio-visuals,						
microforms <u>5/</u>	518.5	(NA)	648.7	282.2	164.0	164.1
Other print <u>5/</u>	804.7	(NA)	1,494.3	2,160.6	2,393.7	2,600.6
Circulation, year ended						
June 30 <u>3/</u>	5,267.0	5,263.1	5,321.7	5,490.7	6,011.4	6,500.2

NA Not available.

1/ Full-time equivalent basis, excluding student help. For 1984 through 1986, 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.

4/ Statistics for automated libraries taken from "total items linked" report; for non-automated libraries, from district annual reports.

5/ Microforms included with "other print" in 1984 through 1986. Art prints, pictures, and posters included with "other print" in 1985 and 1986.

Source: Hawaii State Department of Education, Office of the State Librarian, May 5, 1987.

Table 128.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1986

District	Library locations, June 30	Personnel, June 30 <u>1/</u>	Circulation, year ended June 30
Total system	49	502.05	6,500,175
Oahu	23	277.50	4,665,765
Hawaii State Library	1	84.00	643,142
Library for the Handicapped ..	1	14.50	60,839
East Oahu Library District ...	12	109.50	2,549,757
West Oahu Library District ...	9	69.50	1,412,027
Other islands	26	133.55	1,832,676
Hawaii Library District	13	59.55	923,624
Kauai Library District	5	31.50	448,229
Maui Library District <u>2/</u>	8	42.50	460,823
Administration	91.00	1,734
	Collections, June 30		
District	Books	Audio-visuals	Other print
Total system	2,096,757	164,051	2,600,611
Oahu	1,464,904	135,922	2,289,550
Hawaii State Library	466,706	31,800	1,860,090
Library for the Handicapped ..	20,956	69,069	6,335
East Oahu Library District ...	644,703	24,341	277,330
West Oahu Library District ...	332,539	10,712	145,795
Other islands	631,491	28,121	311,061
Hawaii Library District	275,005	4,612	69,806
Kauai Library District	177,734	13,448	125,825
Maui Library District <u>2/</u>	178,752	10,061	115,430
Administration	362	8	-

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).

Source: Hawaii State Department of Education, Office of the State Librarian, May 5, 1987.

Table 129.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,
BY CAMPUS: 1985 TO 1987

Subject and campus	1985	1986	1987
NUMBER OF VOLUMES, JUNE 30			
All campuses	2,443,863	2,534,421	2,616,130
University of Hawaii at Manoa	2,013,146	2,091,059	2,164,497
West Oahu College	19,444	20,796	21,577
University of Hawaii at Hilo ^{1/}	178,555	184,192	188,692
Community colleges, total ^{1/}	232,718	238,374	241,364
Honolulu	53,121	50,197	48,726
Kapiolani	33,471	35,507	37,215
Leeward	51,746	53,290	54,953
Windward	29,426	31,098	32,348
Kauai	34,293	35,737	36,090
Maui	30,661	32,545	32,032
CIRCULATION, YEAR ENDED JUNE 30			
All campuses	559,466	553,210	548,529
University of Hawaii at Manoa	351,280	346,500	332,036
West Oahu College	6,972	6,904	6,565
University of Hawaii at Hilo ^{1/}	51,403	45,934	52,900
Community colleges, total ^{1/}	149,811	153,872	157,028
Honolulu	47,355	42,355	48,448
Kapiolani	13,532	16,181	16,827
Leeward	37,831	36,899	39,339
Windward	13,738	15,466	13,842
Kauai	18,950	13,967	15,649
Maui	18,405	29,004	22,923

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

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