

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; school facilities, personnel, and expenditures; and libraries.

Enrollment in elementary, intermediate and high schools in 1980-1981 totaled 202,972, about 1.3 percent less than in the preceding year and 5.8 percent below the all-time high reached in 1971-1972. There were 230 public schools with 8,113 classroom teachers and 165,094 students (81.3 percent of the total). There were also 141 private schools with 2,211 teachers and 37,878 pupils. Students graduating from public and private high schools in 1979-1980 numbered 14,013. Some 49,871 students attended colleges and universities in the State in 1980-1981, including 20,319 on the Manoa Campus of the University of Hawaii, 247 at West Oahu College, 3,504 at UH-Hilo, 19,472 at six community colleges, and 6,329 in four private colleges and universities. Eighty-seven percent of the children 5 and 6 years old were in school in 1970 (compared with 68 percent in 1950), and 53 percent in the 18- and 19-year-old group were enrolled (compared with 36 percent twenty years earlier). The expenditure per pupil in public schools rose from \$818 in 1969-1970 to \$2,164 in 1979-1980. Among adults, the illiteracy rate dropped from 8.4 percent in 1950 to 1.9 percent in 1970, and by 1979 approximately 21.3 percent of all residents 25 years of age or more could report having completed four or more years of college. The Hawaii State Library System, with 47 locations in all four counties, had 3.3 million books, film reels, phonorecords, and other collections in 1980, with an annual circulation of 5.0 million; the University of Hawaii libraries in the same year counted 2.1 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 5 of the Statistical Abstract of the United States: 1980 presents comparable information for the nation as a whole.

Table 63.-- SCHOOLS, TEACHERS, PUPIL MEMBERSHIP, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SYSTEMS: 1970-1971 TO 1980-1981

School year	Schools <u>1/</u>			Teachers <u>1/</u>		
	Total	Public	Private	Total	Public <u>2/</u>	Private <u>3/</u>
1970-71 ...	333	216	117	9,646	7,948	1,698
1971-72 ...	331	219	112	9,828	8,113	1,715
1972-73 ...	341	222	119	9,984	8,187	1,797
1973-74 ...	345	225	120	9,728	7,780	1,948
1974-75 ...	345	225	120	9,643	7,711	1,932
1975-76 ...	344	225	119	9,841	7,860	1,981
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

School year	Enrollment or membership <u>1/</u>			High school graduates		
	Total	Public <u>4/</u>	Private <u>5/</u>	Total	Public	Private
1970-71 ...	213,165	180,770	32,395	12,649	10,471	2,178
1971-72 ...	215,524	182,957	32,567	13,304	11,185	2,119
1972-73 ...	214,360	181,587	32,773	13,321	11,147	2,174
1973-74 ...	212,012	178,307	33,705	13,612	11,464	2,148
1974-75 ...	211,702	176,844	34,858	13,545	11,283	2,262
1975-76 ...	212,171	176,232	35,939	13,275	11,080	2,195
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	(NA)	(NA)	(NA)

NA Not available.

1/ December data for 1970-1971 and September data thereafter.

2/ Special schools excluded through 1978-1979 but included beginning 1979-1980. Data for 1976-1977 and 1979-1980 revised from 1980 edition, table 52.

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, data supplied February 4, 1981.

Table 64.-- SCHOOLS, TEACHERS, AND PUPIL MEMBERSHIP, SEPTEMBER 11, 1980, AND HIGH SCHOOL GRADUATES, 1979-1980, FOR PUBLIC AND PRIVATE SYSTEMS, BY ISLANDS

Island	Number of schools			Number of teachers		
	Total	Public	Private	Total	Public	Private
State total	371	230	141	10,324	8,113	2,211
Hawaii	39	29	10	1,057	918	139
Maui	29	19	10	677	555	122
Lanai	1	1	-	29	29	-
Molokai	6	5	1	85	83	2
Oahu <u>1/</u>	261	157	104	7,854	6,038	1,816
Kauai	20	13	7	454	405	49
Niihau	1	1	-	3	3	-
Special schools <u>2/</u> ..	14	5	9	165	82	83
	Pupil membership, September 1980 <u>3/</u>			High school graduates, 1979-1980 school year		
Island	Total	Public	Private	Total	Public	Private
State total	202,972	165,094	37,878	14,013	11,493	2,520
Hawaii	20,347	18,554	1,793	1,512	1,352	160
Maui	13,244	11,167	2,077	953	799	154
Lanai	494	494	-	47	47	-
Molokai	1,580	1,552	28	116	116	-
Oahu <u>1/</u>	158,032	125,240	32,792	10,663	8,465	2,198
Kauai	8,640	7,696	944	632	631	1
Niihau	46	46	-	-	-	-
Special schools <u>2/</u> ..	589	345	244	90	83	7

1/ Excluding special schools.

2/ All of the special schools are located on Oahu.

3/ Pre-kindergarten membership is included in private school data but excluded for public schools.

Source: Hawaii State Department of Education, data supplied February 4, 1981.

Table 65.-- PUPIL MEMBERSHIP, PUBLIC AND PRIVATE,
BY GRADES: SEPTEMBER 11, 1980

Grade	Total	Public	Private
All grades	202,972	165,094	37,878
Nursery	3,260	313	2,947
Kindergarten	14,382	11,631	2,751
1	14,368	11,786	2,582
2	14,210	11,740	2,470
3	14,240	11,813	2,427
4	14,764	12,353	2,411
5	15,080	12,548	2,532
6	14,397	11,828	2,569
7	13,928	10,831	3,097
8	13,757	10,810	2,947
9	15,387	12,514	2,873
10	15,795	12,912	2,883
11	15,437	12,820	2,617
12	14,531	11,954	2,577
Specials	9,436	9,241	195

Source: Hawaii State Department of Education, data
supplied February 4, 1981.

Table 66.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1969-1970 TO 1979-1980

Fiscal year	Expenditures (dollars)		Cost per pupil ^{1/} (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 <u>2/</u>	360,316,441	30,489,000	2,163.62	19,858	163

^{1/} Based on average daily membership.

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

Source: Hawaii State Department of Education, records.

Table 67.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS:
FALL, 1970 TO 1980

Year	All federally-connected pupils		Military dependents	Others
	Number	Percent of total enrollment		
1970	51,435	28.5	27,763	23,672
1971	51,143	28.0	27,962	23,181
1972	47,928	26.4	26,450	21,478
1973	45,144	25.3	25,038	20,106
1974	43,848	24.8	24,066	19,782
1975	45,746	26.0	22,246	23,500
1976	44,393	25.4	21,692	22,701
1977	43,648	25.3	21,167	22,481
1978	43,460	25.5	21,423	22,037
1979 <u>1/</u>	40,745	24.2	20,951	19,794
1980 <u>2/</u>	35,403	21.5	18,405	16,998

1/ Revised.

2/ Preliminary.

Source: Hawaii State Department of Education, Report on Federally Connected Pupils, Hawaii Public Schools (annual), and records.

Table 68.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1970 TO 1980

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

Year (Fall)	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii at Hilo <u>1/</u>	West Oahu College <u>2/</u>
		Total	Under- graduates	Grad- uates	Other <u>4/</u>		
1970 ..	33,127	21,090	15,810	3,441	1,839	1,741	-
1971 ..	36,368	22,061	16,589	3,913	1,559	2,265	-
1972 ..	38,899	22,371	17,161	4,069	1,141	2,594	-
1973 ..	39,858	22,272	16,905	4,110	1,257	2,784	-
1974 ..	40,719	21,526	16,215	4,059	1,252	3,031	-
1975 ..	44,050	21,260	15,671	4,111	1,478	3,526	-
1976 ..	44,326	21,356	15,370	4,284	1,702	3,322	139
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	4,244	1,673	3,504	247
		Community colleges <u>3/</u>					
Year (Fall)	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward <u>5/</u>	Kauai	Maui
1970 ..	10,296	1,937	2,205	4,469	-	627	1,058
1971 ..	12,042	2,167	2,765	5,177	-	839	1,094
1972 ..	13,934	2,561	3,092	5,373	538	1,023	1,347
1973 ..	14,802	2,774	3,559	5,376	829	1,004	1,260
1974 ..	16,162	3,306	3,654	5,816	1,046	1,031	1,309
1975 ..	19,264	4,017	4,368	6,900	1,153	1,238	1,588
1976 ..	19,509	4,450	4,617	6,450	1,154	1,186	1,652
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

Footnotes and source follow next table.

Table 69.-- DEGREES, DIPLOMAS, AND CERTIFICATES CONFERRED BY THE UNIVERSITY OF HAWAII: 1970 TO 1980

Year ended June 30	University of Hawaii at Manoa					
	Associate	Bachelor	Master	Doctor	First profes- sional 6/	Other 7/
1970	60	2,329	1,018	53	-	290
1971	41	2,644	1,103	78	-	420
1972	49	2,907	1,167	80	-	404
1973	65	3,050	1,272	98	-	370
1974	85	3,260	1,165	109	-	281
1975	57	3,176	1,110	94	62	213
1976	68	3,070	1,132	116	102	183
1977	58	3,076	1,019	135	113	164
1978	61	3,077	1,007	129	125	157
1979	69	2,785	1,063	122	122	134
1980	46	2,756	969	102	136	124

Year ended June 30	University of Hawaii at Hilo 1/			West Oahu College: bachelor 2/	Community colleges 3/	
	Certifi- cates	Associate degrees	Bachelor degrees		Certifi- cates 8/	Associate degrees
1970	-	-	-	-	378	585
1971	151	45	37	-	424	768
1972	136	99	69	-	347	960
1973	121	124	155	-	439	1,062
1974	83	139	146	-	329	1,179
1975	81	179	189	-	352	1,402
1976	83	230	162	-	414	1,559
1977	93	255	196	6	420	1,598
1978	69	280	206	12	456	1,864
1979	92	255	166	34	509	1,964
1980	86	256	160	48	480	1,807

1/ Includes Hilo College, College of Agriculture, and Hawaii Community College.

2/ Opened Spring 1976.

3/ Excludes Hawaii Community College, part of the University of Hawaii at Hilo

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

5/ Opened for instruction in 1972.

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

7/ Certificates in Dental Hygiene and professional diplomas.

8/ Includes certificates of achievement.

Source: University of Hawaii, Office of Institutional Research and Analysis, data provided January 19, 1981.

Table 70.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1979 AND 1980

Year and type of enrollment and earned degree	All private institutions	Brigham Young Univ.-Hawaii Campus	Chamianade Univ. of Honolulu	Hawaii Loa College	Hawaii Pacific College
1979					
Fall enrollment <u>1/</u>	6,133	1,790	2,361	310	1,672
Undergraduate	6,008	1,790	2,236	310	1,672
Graduate	125	-	125	-	-
Other <u>2/</u>	-	-	-	-	-
Earned degrees conferred: <u>3/</u>					
Associate	117	13	66	-	38
Bachelor's	549	118	363	20	48
Master's	50	-	50	-	-
Others	-	-	-	-	-
1980					
Fall enrollment <u>1/</u>	6,329	1,828	2,243	338	1,920
Undergraduate	6,182	1,800	2,124	338	1,920
Graduate	147	28	119	-	-
Other <u>2/</u>	-	-	-	-	-
Earned degrees conferred: <u>3/</u>					
Associate	133	21	48	-	64
Bachelor's	510	103	291	24	92
Master's	60	-	60	-	-
Others	-	-	-	-	-

1/ In regular credit programs.

2/ Includes unclassified and special.

3/ Year ended June 30.

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

Table 71.-- FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES:
1971 TO 1978

[In thousands of dollars. For fiscal years.]

Fiscal year	State total	University of Hawaii at Manoa
1971	19,834	19,011
1972	22,936	22,451
1973	24,251	23,450
1974	30,850	30,412
1975	28,023	26,888
1976	37,615	34,937
1977	34,827	28,465
1978	44,070	25,884

Source follows next table.

Table 72.-- FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES, BY
INSTITUTION AND TYPE OF ACTIVITY: 1978

[In thousands of dollars. For fiscal year.]

Institution	Total, all activities	Academic science		Non- science
		Total academic science	R&D	
All institutions	44,070	28,206	24,864	15,864
Chaminade Univ. of Honolulu	846	-	-	846
Hawaii Community College	312	-	-	312
Hawaii Loa College	121	-	-	121
Hawaii Pacific College	452	-	-	452
U. of Hawaii--Community Colleges	2,054	30	30	2,024
U. of Hawaii at Hilo	1,589	1,256	1,256	333
U. of Hawaii Systems Office	12,812	7,384	6,345	5,428
U. of Hawaii--Manoa	25,884	19,536	17,233	6,348

Source: National Science Foundation, Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1978, Final Report NSF 80-312 (1980), pp. 24, 26, and 79.

Table 73.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY AGE: 1980

[Excludes persons in institutions or military barracks or on Niihau or in Kalawao. Based on a sample of 8,354 persons 25 years old and over.]

Years of school completed	25 years old and over	25 to 44 years old	45 to 64 years old	65 years old and over
All levels	532,077	265,781	184,603	81,694
None	4,633	289	1,098	3,246
1 to 4 years	14,032	447	4,484	9,102
5 to 8 years	51,475	4,936	22,218	24,320
9 to 11 years	47,724	14,450	24,027	9,247
12 years	188,020	98,448	72,120	17,452
Vocational	24,920	14,938	8,679	1,304
13 to 15 years	77,021	52,997	19,111	4,914
16 years	72,432	49,370	18,536	4,525
17 years or more	39,655	25,576	10,913	3,166
Not reported	12,165	4,330	3,416	4,418
Median (years) <u>1/</u> ...	12.7	13.3	12.5	9.4

1/ Excludes vocational and not reported.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, special tabulation.

Table 74.-- STANFORD ACHIEVEMENT TEST RESULTS FOR
GRADES 4, 6 AND 8: 1975 TO 1980

[In percent of students taking test. National norms are: above average--23%, average--54%, and below average--23%.]

Grade and year (Fall)	Reading skills			Math skills		
	Above average	Average	Below average	Above average	Average	Below average
Grade 4:						
1975	15	52	33	24	48	28
1976	12	55	33	20	46	34
1977	15	56	29	22	48	30
1978	16	57	27	23	50	27
1979	18	57	25	23	51	26
1980	18	58	24	23	51	26
Grade 6:						
1975	17	54	29	25	50	25
1976	16	55	29	22	47	31
1977	16	55	29	21	47	32
1978	18	57	25	25	50	25
1979	18	59	23	26	50	24
1980	19	60	21	26	51	23
Grade 8:						
1975	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1976	12	55	33	20	46	34
1977	13	54	33	19	45	36
1978	13	54	33	22	51	27
1979	13	55	32	21	51	28
1980	14	56	30	23	51	26

NA Not available.

Source: State Department of Education, Office of the Superintendent, Planning and Evaluation Services Branch, "Summary Report of Grades 4, 6 and 8 Stanford Achievement Test Results, Fall 1979" (December 1979), and records.

Table 75.-- HAWAII STATE LIBRARY SYSTEM LOCATION, PERSONNEL, AND HOURS: 1915 TO 1980

Year	Number of library locations			Personnel <u>1/</u>		Hours open <u>2/</u>
	State total	Oahu	Other islands	Librarians	All others	
1915 ..	2	1	1	(NA)	(NA)	(NA)
1920 ..	3	1	2	(NA)	(NA)	72
1925 ..	4	1	3	(NA)	(NA)	72
1930 ..	4	1	3	(NA)	(NA)	(NA)
1935 ..	6	3	3	(NA)	(NA)	60
1940 ..	11	5	6	(NA)	(NA)	64
1945 ..	12	6	6	(NA)	(NA)	64
1950 ..	13	6	7	(NA)	(NA)	72
1955 ..	17	8	9	(NA)	(NA)	68
1960 ..	21	8	13	(NA)	(NA)	72
1965 ..	29	11	18	(NA)	(NA)	72
1970 ..	38	18	20	70	396.20	72
1975 ..	42	20	22	96	312.95	54
1980 ..	47	22	25	122	313.30	54

NA Not available.

1/ Full-time equivalent basis, excluding student help.

2/ Weekly totals for Hawaii State Library, 478 So. King St., Honolulu.

Source: Hawaii State Department of Education, Office of the State Librarian, information submitted January 9, 1981.

Table 76.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM: 1980

District	Library locations, June 30	Personnel, June 30 <u>1/</u>	Circulation, year ended June 30
Total system	47	435.3	5,042,682
Oahu	22	240.5	3,505,160
Hawaii State Library	1	69.0	497,017
Library for the Handicapped ..	1	13.0	38,759
East Oahu Library District ...	12	97.5	2,068,861
West Oahu Library District ...	8	61.0	900,523
Other islands	25	127.3	1,537,522
Hawaii Library District	13	59.3	750,775
Kauai Library District	5	30.0	413,319
Maui Library District <u>3/</u>	7	38.0	373,428
Administration	67.5	...
	Collections, June 30		
District	Books	AVM <u>2/</u>	Other print
Total system	2,025,200	513,595	797,691
Oahu	1,419,561	466,758	593,237
Hawaii State Library	377,304	365,355	347,355
Library for the Handicapped ..	71,453	49,694	25,060
East Oahu Library District ...	641,073	34,568	164,415
West Oahu Library District ...	329,731	17,141	56,407
Other islands	605,639	46,837	204,454
Hawaii Library District	262,059	17,194	60,883
Kauai Library District	162,824	13,302	104,209
Maui Library District <u>3/</u>	180,756	16,341	39,362
Administration

1/ Full-time equivalent basis. Data are limited to regular, general funded positions, and exclude student help.

2/ Audio-visual microforms.

3/ Includes libraries on Lanai (1 location), Maui (5 locations), and Molokai (1 location).

Source: Hawaii State Department of Education, Office of the State Librarian, information submitted January 9, 1981.

Table 77.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 1980

Campus	Number of volumes, June 30	Circulation, year ended June 30
All campuses	2,106,712	622,846
University of Hawaii at Manoa	1,736,122	409,285
West Oahu College	11,403	3,058
University of Hawaii at Hilo <u>1/</u> ...	142,039	43,332
Community colleges, total <u>1/</u>	217,148	167,171
Honolulu	42,023	38,998
Kapiolani	31,234	8,833
Leeward	58,674	52,792
Windward	22,493	13,774
Kauai	29,088	23,139
Maui	33,636	29,635

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

Source: University of Hawaii at Manoa, University Libraries, information supplied October 30, 1980.