

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 1991-1992 totaled 210,271, slightly more than in the preceding year but below the all-time high of 216,000 reached in 1971-1972. There were 239 public schools with 11,116 classroom teachers and 175,114 students (83.3 percent of the total). There were also 129 private schools with 2,580 teachers and 35,157 pupils. Students graduating from public and private high schools in 1990-1991 numbered 11,948. Some 60,600 students attended colleges and universities in the State in Fall 1992, including 19,800 on the Manoa Campus of the University of Hawaii, 700 at UH-West Oahu, 2,800 at UH-Hilo, 26,100 at seven community colleges, and 11,300 in three private colleges and universities. Only 7.5 percent of all persons 16 to 19 years old were not enrolled in school in 1990 and were not high school graduates. The expenditure per pupil in public schools rose from \$2,701 in 1981-1982 to \$5,246 in 1991-1992. In scholastic aptitude tests, Hawaii students scored close to the 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 2.5 million books, 9,600 periodical subscriptions, 8,000 video tapes, and 87,000 sound recordings in 1991, with an annual circulation of 6.3 million. The University of Hawaii libraries in 1992 counted 3.2 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: 1992 presents comparable information for the nation as a whole.

Table 86.-- SCHOOL ENROLLMENT AND EDUCATIONAL ATTAINMENT,
FOR THE STATE AND OAHU: 1990

Subject	State total	Oahu only
SCHOOL ENROLLMENT		
Persons 3 years and over enrolled in school ..	290,578	221,821
Preprimary school	21,276	15,977
Elementary or high school	186,653	135,478
Percent in private school	15.8	18.3
College	82,649	70,366
EDUCATIONAL ATTAINMENT		
Persons 25 years and over	709,820	534,187
Less than 9th grade	71,806	50,131
9th to 12th grade, no diploma	69,700	50,222
High school graduate	203,893	151,930
Some college, no degree	142,881	107,988
Associate degree	59,116	42,747
Bachelor's degree	111,837	89,197
Graduate or professional degree	50,587	41,972
Percent high school graduate or higher	80.1	81.2
Percent bachelor's degree or higher	22.9	24.6

Source: U.S. Bureau of the Census, 1990 CPH-L-80 and 81, table 1.

Table 87.-- SCHOOL ENROLLMENT OF PERSONS 16 TO 19 YEARS OLD,
FOR THE STATE AND OAHU: 1990

Subject	State	Oahu
Population 16 to 19 years	57,184	43,946
Not enrolled in school and not high school graduate	4,267	3,096
Percent	7.5	7.0

Source follows next table.

Table 88.-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD AND OVER,
BY COUNTIES: 1990

Subject	State total	Ha-waii	Hono-lulu	Kala-wao	Kauai	Maui
Population 25 years and over	709,820	77,099	534,187	130	33,045	65,359
Percent --						
High school graduate or higher .	80.1	77.7	81.2	51.5	73.1	77.0
With bachelor's degree or higher	22.9	18.5	24.6	4.6	16.3	17.8

Source: U.S. Bureau of the Census, 1990 Census of Population and Housing, Summary Social, Economic, and Housing Characteristics, Hawaii (April 1992), table 4.

Table 89.-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS
OLD AND OVER: 1940 TO 1990

Years completed	1940	1950	1960	1970	1980	1990
Percent 4 years of high school or more <u>1/</u>	20.5	31.6	46.1	61.9	73.8	80.1
Percent 4 years of college or more <u>2/</u>	5.3	6.1	9.0	14.0	20.3	22.9

1/ For 1990, percent high school graduate or higher.

2/ For 1990, percent Bachelor's degree or higher.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, Final Report PC(1)-13C, table 47; U.S. Census of Population: 1970, Final Report PC(1)-C13, table 46; 1980 Census of Population, PC80-1-C-13, table 61; 1990 CPH-L-80, table 1.

Table 90.-- 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 91.-- SCHOOLS, TEACHERS, ENROLLMENT, AND HIGH SCHOOL GRADUATES,
FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS: 1981-1982 TO 1991-1992

School year	Schools (September)			Teachers (September)		
	Total	Public	Private	Total	Public	Private
1981-82 ...	376	230	146	10,447	8,139	2,308
1982-83 ...	373	233	140	10,302	8,083	2,219
1983-84 ...	374	233	141	10,344	7,997	2,347
1984-85 ...	372	231	141	10,453	8,060	2,393
1985-86 ...	373	232	141	10,677	8,221	2,456
1986-87 ...	377	232	145	10,788	8,244	2,544
1987-88 ...	369	231	138	11,168	8,632	2,536
1988-89 ...	376	235	141	11,485	8,973	2,512
1989-90 ...	374	238	136	11,856	9,202	2,654
1990-91 ...	372	238	134	13,206	10,721	2,485
1991-92 ...	368	239	129	13,676	11,116	2,580
School year	Enrollment (September)			High school graduates		
	Total	Public	Private	Total	Public	Private
1981-82 ...	200,844	162,805	38,039	13,948	11,563	2,385
1982-83 ...	200,129	162,024	38,105	13,248	10,757	2,491
1983-84 ...	200,240	162,241	37,999	12,992	10,454	2,538
1984-85 ...	200,869	163,860	37,009	12,516	10,092	2,424
1985-86 ...	200,952	164,169	36,783	12,468	9,958	2,510
1986-87 ...	201,188	164,640	36,548	13,097	10,491	2,606
1987-88 ...	202,419	166,240	36,179	13,448	10,800	2,648
1988-89 ...	203,358	167,899	35,459	13,100	10,597	2,503
1989-90 ...	205,591	169,904	35,687	11,717	9,335	2,382
1990-91 ...	207,558	171,793	35,765	11,948	9,571	2,377
1991-92 ...	210,271	175,114	35,157	(NA)	(NA)	(NA)

NA Not available.

Source: Hawaii State Department of Education, records.

Table 92.-- SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 11, 1991, AND HIGH SCHOOL GRADUATES, 1990-1991, FOR PUBLIC AND PRIVATE SCHOOL SYSTEMS, BY ISLANDS

Island	Number of schools, September 11, 1991			Number of teachers, September 11, 1991		
	Total	Public <u>1/</u>	Private	Total	Public <u>1/</u>	Private
State total	368	239	129	13,676	11,116	2,580
Hawaii	46	32	14	1,794	1,593	201
Maui	36	22	14	1,133	996	137
Lanai	1	1	0	38	38	0
Molokai	7	5	2	125	118	7
Oahu	258	165	93	9,878	7,718	2,180
Kauai	19	13	6	706	651	55
Niihau	1	1	-	2	2	-
Island	Enrollment, September 11, 1991			High school graduates, 1990-1991 school year		
	Total	Public <u>1/</u>	Private	Total	Public <u>1/</u>	Private
State total	210,271	175,114	35,157	11,948	9,571	2,377
Hawaii	27,834	25,534	2,300	1,500	1,349	151
Maui	18,424	16,203	2,221	894	796	98
Lanai	517	517	0	46	46	0
Molokai	1,764	1,725	39	92	92	0
Oahu	150,842	120,984	29,858	8,799	6,675	2,124
Kauai	10,851	10,112	739	617	613	4
Niihau	39	39	-	-	-	-

1/ Includes UH Lab School.

Source: Hawaii State Department of Education, records.

Table 93.-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES:
1990 AND 1991

Grade	September 12, 1990			September 12, 1991		
	Total	Public	Private	Total	Public	Private
All grades	207,558	171,793	35,765	210,271	175,114	35,157
Nursery	2,918	407	2,511	2,733	498	2,235
Kindergarten	16,794	13,942	2,852	17,057	14,361	2,696
1	17,005	14,540	2,465	16,757	14,331	2,426
2	16,737	14,329	2,408	16,688	14,353	2,335
3	16,380	13,959	2,421	16,320	14,097	2,223
4	15,788	13,458	2,330	15,975	13,685	2,290
5	15,286	13,055	2,231	15,520	13,282	2,238
6	14,682	12,420	2,262	15,151	12,851	2,300
7	14,281	11,381	2,900	14,830	11,836	2,994
8	14,267	11,488	2,779	14,111	11,321	2,790
9	15,085	12,347	2,738	15,356	12,607	2,749
10	13,362	10,822	2,540	13,957	11,315	2,642
11	13,053	10,596	2,457	12,886	10,445	2,441
12	11,719	9,271	2,448	11,758	9,332	2,426
Specials <u>1/</u>	10,201	9,778	423	11,172	10,800	372

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

Table 94.-- SCHOOL ENROLLMENT BY GRADES, BY COUNTIES:
SEPTEMBER 11, 1991

[Combined totals for public and private systems]

Grade	State total	Hawaii	Maui	Honolulu	Kauai
All grades	210,271	27,834	20,705	150,842	10,890
Nursery	2,783	225	177	2,239	92
Kindergarten	17,057	2,100	1,689	12,363	905
1	16,757	2,198	1,749	11,966	844
2	16,688	2,145	1,717	11,982	844
3	16,320	2,177	1,667	11,590	886
4	15,975	2,163	1,562	11,383	867
5	15,520	2,128	1,559	11,003	830
6	15,151	2,153	1,479	10,727	792
7	14,830	2,028	1,457	10,542	803
8	14,111	1,967	1,362	10,014	768
9	15,356	2,071	1,491	11,054	740
10	13,957	1,819	1,379	10,057	702
11	12,886	1,638	1,247	9,398	603
12	11,758	1,484	1,108	8,612	554
Special <u>1/</u>	11,172	1,538	1,062	7,912	660

1/ Includes ungraded students in special schools.

Source: Hawaii State Department of Education, records.

Table 95.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1988 TO 1991

Category	1988	1989	1990	1991
All federally-connected pupils	36,965	36,899	36,159	35,736
Percent of total enrollment	22.1	21.8	21.1	20.5
Military dependents	20,104	20,228	19,889	19,838
Others <u>1/</u>	16,861	16,671	16,270	15,898

1/ Includes dependents of civilian employees of armed forces.

Source: Hawaii State Department of Education, records.

Table 96.-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, SEPTEMBER 11, 1991, AND PRIVATE HIGH SCHOOL GRADUATES, 1990-1991, BY CHURCH AFFILIATION

Church affiliation	Schools	Teachers	Enrollment	High school graduates
Total	129	2,580	35,157	2,377
Church-affiliated	86	1,655	25,047	1,135
Roman Catholic	34	670	11,424	649
Other church-affiliated	52	985	13,623	486
Non-church-affiliated ...	43	925	10,110	1,242

Source: Hawaii State Department of Education, records.

Table 97.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1981-1982 TO 1991-1992

Fiscal year	Expenditures (dollars)		Cost per pupil ^{1/} (dollars)	Average annual salary of teachers (dollars)	Number of days of school
	Current operations	Capital outlay			
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>2/</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
1990-1991 ..	863,592,130	50,464,700	5,016.15	34,448	175
1991-1992 ..	914,792,363	100,194,691	5,245.79	35,684	177

^{1/} Based on average daily membership.

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

Source: Hawaii State Department of Education, records.

Table 98.-- SCHOLASTIC APTITUDE TEST SCORE AVERAGES: 1975 TO 1992

Component	1974-75	1979-80	1985-86	1989-90	1990-91	1991-92 ^{1/}
Verbal	414	396	403	404	405	401
Math	478	472	477	481	478	477

^{1/} The U.S. averages in 1991-92 were 423 for verbal and 476 for math.
 Source: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics 1992* (October 1992), p. 128; *Honolulu Advertiser*, August 27, 1991, pp. A1 and A5, and August 27, 1992, pp. A1 and A8.

Table 99.-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 6, 8, AND 10: 1992

[Percent of students taking test]

Subject and level	Norm	Grade 3	Grade 6	Grade 8	Grade 10
Reading:					
Below average	23	37	30	37	42
Average	54	51	54	45	47
Above average	23	13	17	18	11
Math:					
Below average	23	23	21	27	23
Average	54	51	56	50	56
Above average	23	26	23	23	21

Source: *Honolulu Advertiser*, October 2, 1992, p. A2.

Table 100.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS:
FALL 1982 TO 1992

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

Year	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii, at Hilo <u>2/</u>	Univ. of Hawaii- West Oahu	
		Total	Under- graduates	Grad- uates	Other <u>1/</u>			
1982 ..	47,210	20,880	14,879	4,328	1,673	1,658	408	
1983 ..	46,241	20,966	15,091	4,339	1,542	1,628	433	
1984 ..	43,809	19,965	14,234	4,255	1,476	1,506	435	
1985 ..	43,246	19,606	13,565	4,283	1,758	1,447	443	
1986 ..	42,682	18,918	12,762	4,438	1,718	1,594	480	
1987 ..	42,747	18,382	12,254	4,400	1,728	1,711	482	
1988 ..	42,525	18,424	12,121	4,382	1,921	1,769	492	
1989 ..	43,644	18,546	12,021	4,601	1,924	1,927	601	
1990 ..	45,742	18,810	12,073	4,809	1,928	2,553	652	
1991 ..	47,527	19,316	12,530	5,005	1,781	2,670	667	
1992 ..	49,412	19,810	12,838	5,207	1,765	2,790	692	
		Community Colleges <u>3/</u>						
Year	Total	Hono- lulu	Kapio- lani	Lee- ward	Wind- ward	Hawaii	Kauai	Mauai
1982 ..	24,264	5,325	5,555	6,195	1,548	2,088	1,266	2,287
1983 ..	23,214	5,127	5,278	6,022	1,456	1,977	1,182	2,172
1984 ..	21,903	4,549	5,264	5,753	1,363	1,728	1,159	2,087
1985 ..	21,750	4,535	5,054	5,645	1,540	1,747	1,174	2,055
1986 ..	21,690	4,270	5,207	5,683	1,635	1,695	1,237	1,963
1987 ..	22,172	4,523	5,372	5,723	1,645	1,830	1,164	1,915
1988 ..	21,840	4,292	5,467	5,439	1,555	1,861	1,231	1,995
1989 ..	22,570	4,193	5,717	5,646	1,604	2,037	1,299	2,074
1990 ..	23,727	4,379	6,275	5,805	1,622	1,896	1,413	2,337
1991 ..	24,874	4,462	6,526	6,343	1,611	1,847	1,496	2,589
1992 ..	26,120	4,767	7,116	6,098	1,782	2,106	1,563	2,688

1/ Includes unclassified and no data.

2/ Excludes Hawaii Community College, which until Fall 1991 was organizationally part of UH/Hilo.

3/ Data for all years include Hawaii Community College, which until Fall 1991 was organizationally part of UH/Hilo.

Source: University of Hawaii, Institutional Research Office.

Table 101.-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 1982 TO 1992

Year ended June 30	University of Hawaii at Manoa					
	Associate	Bachelor	Master	Doctor	First profes- sional <u>1/</u>	Other <u>2/</u>
1982	52	2,588	993	111	137	122
1983	52	2,639	938	120	132	120
1984	60	2,698	945	101	131	166
1985	90	2,642	914	138	137	189
1986	66	2,679	837	132	131	244
1987	65	2,601	794	130	137	249
1988	54	2,521	830	111	126	259
1989	92	2,404	833	162	119	224
1990	87	2,431	804	114	113	235
1991	78	2,362	835	143	118	217
1992	41	2,410	932	140	116	211
Year ended June 30	University of Hawaii at Hilo <u>3/</u>		Univ. of Hawaii- West Oahu: Bachelor	Community Colleges <u>3/</u>		
	Certifi- cates <u>4/</u>	Bachelor degrees		Certifi- cates <u>5/</u>	Associate degrees	No data
1982	-	160	46	593	2,145	7
1983	-	193	91	577	2,250	11
1984	-	188	136	553	2,262	3
1985	-	180	77	521	2,103	1
1986	-	183	98	534	2,097	32
1987	-	201	139	434	2,042	64
1988	-	208	108	393	1,937	15
1989	30	154	116	247	1,805	21
1990	29	203	126	274	1,919	20
1991	44	210	149	285	1,950	0
1992	47	222	135	242	2,008	23

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

2/ Certificates in Dental Hygiene and professional diplomas.

3/ Due to Hawaii CC's was organizational transfer from the UH Hilo unit to the community college unit in Fall 1991, the community college figures have been retroactively adjusted to include Hawaii CC and the UH Hilo figures adjusted to exclude Hawaii CC.

4/ Professional Certificates in Education.

5/ Certificates of Achievement.

Source: University of Hawaii, Institutional Research Office.

Table 102.-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 1990 TO 1992

Subject	1990	1991	1992
Curricula offered at Manoa Campus, Fall <u>1/</u> ...	264	263	270
Bachelor's degree programs	88	86	86
Master's degree programs	86	85	87
Doctoral programs (DrPH, EdD, PhD)	49	50	53
Other programs <u>1/</u>	41	42	44
Tuition per semester (full-time undergraduate, regular session) (dollars):			
Manoa Campus:			
Resident	615	645	670
Nonresident	1,840	1,940	2,035
Hilo (upper division):			
Resident	575	595	615
Nonresident	1,720	1,790	1,860
West Oahu:			
Resident	415	420	425
Nonresident	1,240	1,290	1,340
Community colleges:			
Resident	200	210	220
Nonresident	1,230	1,290	1,340
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	472,527	539,356	596,821
Current fund expenditures (\$1,000)	456,760	535,420	583,335
Faculty and staff, October <u>2/</u>	7,790	8,028	8,235
Board of Regents appointees	6,180	6,363	6,512
Full-time	3,974	4,105	4,262
Part-time	2,206	2,258	2,250
Civil Service personnel	1,610	1,665	1,723
Full-time	1,567	1,614	1,669
Part-time	43	51	54

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

2/ Data are preliminary for 1992 and therefore are subject to change.

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

Table 103.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1989 TO 1992

[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
1989, total	10,500	9,723	777	346	977	165
Brigham Young ..	2,040	2,040	-	62	246	-
Chaminade	2,903	2,588	315	109	293	126
Hawaii Loa	595	595	-	-	104	-
Hawaii Pacific .	4,962	4,500	462	175	334	39
1990, total	10,761	9,947	814	338	988	196
Brigham Young ..	2,140	2,140	-	46	198	-
Chaminade	2,446	2,164	282	115	291	136
Hawaii Loa	618	618	-	2	93	-
Hawaii Pacific .	5,557	5,025	532	175	406	60
1991, total	11,429	10,450	979	368	999	245
Brigham Young ..	2,110	2,110	-	71	203	-
Chaminade	2,481	2,201	280	85	219	155
Hawaii Loa	514	514	-	4	138	-
Hawaii Pacific .	6,324	5,625	699	208	439	90
1992, total	11,310	10,124	1,186	523	1,018	233
Brigham Young ..	2,064	2,064	-	68	234	-
Chaminade	2,270	1,920	350	128	227	110
Hawaii Pacific .	6,976	6,140	836	327	557	123

1/ Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Loa College (in Kaneohe); Hawaii Pacific University (in Honolulu). Hawaii Loa College was merged with Hawaii Pacific University in 1992, and is included with HPU data for that year.

2/ In regular credit programs.

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

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

Table 104.-- RESIDENCE AND MIGRATION OF ALL FRESHMEN
STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12
MONTHS: FALL 1988

Category	Total	In 4-year colleges
Students enrolled in State <u>1/</u>	4,872	2,494
Students residents of State <u>2/</u> ...	5,960	3,463
Students remaining in State <u>3/</u> ...	4,521	2,162
Migration of students:		
Out of State	1,439	1,301
Into State	351	332
Net migration	-1,088	-969

1/ All new freshmen students, whether in-migrants or "remaining."

2/ All new freshmen students residing in Hawaii when first admitted to the reporting institution, whether in Hawaii or on the Mainland.

3/ New freshmen students attending institutions in their home State.

Source: U.S. Department of Education, National Center for Education Statistics, Digest of Education Statistics 1992 (October 1992), pp. 201-202.

Table 105.-- FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES:
1987 TO 1990

[In thousands of dollars. Fiscal year data]

Institution	1987	1988	1989	1990
All universities and colleges	58,671	58,779	84,753	71,225
University of Hawaii at Manoa	39,899	45,190	63,215	54,567

Source: National Science Foundation, Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1990, NSF 92-324, Detailed Statistical Tables (1992), pp. 101 and 103.

Table 106.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM:
1986 TO 1991

Subject	1986	1987	1988	1989	1990	1991
Library locations,						
June 30	49	49	49	49	49	49
Oahu	23	23	23	23	23	23
Other islands	26	26	26	26	26	26
Personnel, June 30 <u>1/</u> ..	497.55	497.55	532.05	543.05	557.05	581.55
Librarians	133.00	133.00	146.00	153.00	162.50	167.50
All others	364.55	364.55	386.05	390.05	394.55	414.05
Hours open <u>2/</u>	54	54	54	54	54	54
Collections, June 30:						
Books <u>3/</u> (1,000)	2,096.8	2,073.8	2,225.7	2,320.8	2,391.7	2,605.4
Circulation, year ended						
June 30 (1,000)	6,500.2	6,480.5	6,552.9	6,561.9	6,225.2	6,328.4

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

2/ Regular weekly totals for Hawaii State Library, Honolulu.

3/ 1991 figure also includes all media except ephemeral material.

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

Table 107.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY DISTRICTS: 1991

District	Library locations, June 30	Personnel, June 30 ^{1/}	Circulation, year ended June 30	
Total system	49	581.55	6,328,363	
Oahu	23	322.50	4,370,983	
Hawaii State Library	1	88.00	431,220	
East Oahu Library District ...	12	140.00	2,327,633	
West Oahu Library District ...	9	94.50	1,612,130	
Library for the Blind and Physically Handicapped	1	14.50	44,874	
Other islands	26	145.55	1,912,506	
Hawaii Library District	13	63.55	977,684	
Kauai Library District	5	33.50	367,679	
Maui Library District ^{2/}	8	48.50	567,143	
Administration/Centralized Processing Center	99.00	...	
Collections, June 30				
District	Books	Periodical subscriptions	Video tapes	Sound recordings ^{4/}
Total system	2,500,450	9,650	8,036	87,218
Oahu	1,602,710	5,874	6,088	57,679
Hawaii State Library	387,722	2,126	1,258	19,326
East Oahu Library District ...	725,144	2,166	3,301	24,970
West Oahu Library District ...	489,844	1,582	1,529	13,383
Other islands	786,443	3,634	1,913	26,290
Hawaii Library District	347,781	1,578	564	7,758
Kauai Library District	188,983	915	601	9,135
Maui Library District ^{2/}	249,679	1,141	748	9,397
Library for the Blind and Physically Handicapped	111,297	142	35	3,249

^{1/} See previous table footnote 1.

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

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

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

^{5/} Includes music recordings only.

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

Table 108.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,
BY CAMPUS: 1991 AND 1992

Campus	Number of volumes, June 30		Circulation, year ended June 30	
	1991	1992	1991	1992
All campuses	3,008,359	3,186,131	741,708	848,168
University of Hawaii at Manoa <u>1/</u> ..	2,500,175	2,651,257	509,749	590,630
University of Hawaii-West Oahu ...	24,575	25,064	6,000	4,426
University of Hawaii at Hilo <u>2/</u> ..	211,568	213,595	77,924	79,803
Community colleges, total <u>2/</u>	272,041	296,215	148,035	173,309
Honolulu	52,695	53,902	45,264	42,016
Kapiolani	44,157	47,881	22,422	33,594
Leeward	58,733	72,889	19,524	25,805
Windward	36,353	37,610	14,047	14,201
Kauai	42,713	44,883	20,447	28,840
Maui	37,390	39,050	26,331	28,853

1/ Volumes total includes Government Documents Collection. Circulation total includes media use at Wong Audiovisual Center.

2/ Hawaii Community College and UHH West Hawaii (Kona) are included with the University of Hawaii at Hilo.

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