

## 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 1981-1982 totaled 200,844, about 1.0 percent less than in the preceding year and 6.8 percent below the all-time high reached in 1971-1972. There were 230 public schools with 8,139 classroom teachers and 162,805 students (81.1 percent of the total). There were also 146 private schools with 2,308 teachers and 38,039 pupils. Students graduating from public and private high schools in 1980-1981 numbered 14,647. Some 52,197 students attended colleges and universities in the State in 1981-1982, including 20,629 on the Manoa Campus of the University of Hawaii, 369 at West Oahu College, 3,478 at UH-Hilo, 20,949 at six community colleges, and 6,772 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 \$989 in 1970-1971 to \$2,457 in 1980-1981. Among adults, the illiteracy rate dropped from 8.4 percent in 1950 to 1.9 percent in 1970, and by 1980 approximately 20.3 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 3.4 million books, film reels, phonorecords, and other collections in 1981, with an annual circulation of 5.3 million; the University of Hawaii libraries in the same year counted 2.2 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 5 of the Statistical Abstract of the United States: 1981 presents comparable information for the nation as a whole.

Table 73.-- SCHOOLS, TEACHERS, PUPIL MEMBERSHIP, AND HIGH SCHOOL GRADUATES,  
FOR PUBLIC AND PRIVATE SYSTEMS: 1971-1972 TO 1981-1982

| School year | Schools <u>1/</u> |        |         | Teachers <u>1/</u> |                  |                   |
|-------------|-------------------|--------|---------|--------------------|------------------|-------------------|
|             | Total             | Public | Private | Total              | Public <u>2/</u> | Private <u>3/</u> |
| 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             |
| 1981-82 ... | 376               | 230    | 146     | 10,447             | 8,139            | 2,308             |

  

| School year | Enrollment or membership <u>1/</u> |                  |                   | High school graduates |        |         |
|-------------|------------------------------------|------------------|-------------------|-----------------------|--------|---------|
|             | Total                              | Public <u>4/</u> | Private <u>5/</u> | Total                 | Public | Private |
| 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            | 14,647                | 12,088 | 2,559   |
| 1981-82 ... | 200,844                            | 162,805          | 38,039            | (NA)                  | (NA)   | (NA)    |

NA Not available.

1/ September data for all years.

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 January 8, 1982 and February 10, 1982.

Table 74.-- SCHOOLS, TEACHERS, AND PUPIL MEMBERSHIP, SEPTEMBER 11, 1981, AND HIGH SCHOOL GRADUATES, 1980-1981, FOR PUBLIC AND PRIVATE SYSTEMS, BY ISLANDS

[Data include special schools.]

| Island           | Number of schools,<br>September 11, 1981 |         |         | Number of teachers,<br>September 11, 1981       |        |         |
|------------------|--|---------|---------|---|--------|---------|
|                  | Total                                    | Public  | Private | Total   | Public | Private |
| State total .... | 376                                      | 230     | 146     | 10,447  | 8,139  | 2,308   |
| Hawaii .....     | 40                                       | 29      | 11      | 1,074   | 947    | 127     |
| Maui .....       | 30                                       | 19      | 11      | 694   | 562    | 132     |
| Lanai .....      | 1  | 1       | -       | 28  | 28     | -       |
| Molokai .....    | 6  | 5       | 1       | 84  | 82     | 2       |
| Oahu .....       | 278                                      | 162     | 116     | 8,097   | 6,103  | 1,994   |
| Kauai .....      | 20                                       | 13      | 7       | 467   | 414    | 53      |
| Niihau .....     | 1  | 1       | -       | 3   | 3      | -       |
| Island           | Pupil membership,<br>September 11, 1981  |         |         | High school graduates,<br>1980-1981 school year |        |         |
|                  | Total                                    | Public  | Private | Total   | Public | Private |
| State total .... | 200,844                                  | 162,805 | 38,039  | 14,647  | 12,088 | 2,559   |
| Hawaii .....     | 20,693                                   | 18,911  | 1,782   | 1,501   | 1,352  | 149     |
| Maui .....       | 13,602                                   | 11,326  | 2,276   | 946   | 810    | 136     |
| Lanai .....      | 468                                      | 468     | -       | 40  | 40     | -       |
| Molokai .....    | 1,601                                    | 1,562   | 39      | 124   | 124    | -       |
| Oahu .....       | 155,756                                  | 122,813 | 32,943  | 11,416  | 9,147  | 2,269   |
| Kauai .....      | 8,684                                    | 7,685   | 999     | 620   | 615    | 5       |
| Niihau .....     | 40                                       | 40      | -       | -   | -      | -       |

Source: Hawaii State Department of Education, data supplied January 8, 1982.

Table 75.-- PRIVATE SCHOOLS, TEACHERS, AND MEMBERSHIP, SEPTEMBER 11, 1981, AND PRIVATE HIGH SCHOOL GRADUATES, 1980-1981, BY TYPE OF CONTROL

| Control               | Schools | Teachers | Member-<br>ship | High-school<br>graduates |
|-----------------------|---------|----------|-----------------|--------------------------|
| Total .....           | 146     | 2,308    | 38,039          | 2,559                    |
| Parochial .....       | 88      | 1,336    | 23,761          | 1,359                    |
| Roman Catholic .....  | 40      | 720      | 14,969          | 908                      |
| Other parochial ..... | 48      | 616      | 8,792           | 451                      |
| Non-parochial .....   | 58      | 972      | 14,278          | 1,200                    |

Source: Hawaii State Department of Education, information provided February 10, 1982.

Table 76.-- PUPIL MEMBERSHIP, PUBLIC AND PRIVATE, BY GRADES: SEPTEMBER 11, 1981

| Grade              | Total   | Public  | Private |
|--------------------|---------|---------|---------|
| All grades .....   | 200,844 | 162,805 | 38,039  |
| Nursery .....      | 3,192   | 271     | 2,921   |
| Kindergarten ..... | 14,874  | 11,974  | 2,900   |
| 1 .....            | 14,482  | 11,737  | 2,745   |
| 2 .....            | 14,067  | 11,635  | 2,432   |
| 3 .....            | 13,919  | 11,541  | 2,378   |
| 4 .....            | 13,894  | 11,533  | 2,361   |
| 5 .....            | 14,550  | 12,184  | 2,366   |
| 6 .....            | 14,864  | 12,308  | 2,556   |
| 7 .....            | 14,648  | 11,377  | 3,271   |
| 8 .....            | 13,647  | 10,620  | 3,027   |
| 9 .....            | 14,725  | 11,856  | 2,869   |
| 10 .....           | 15,378  | 12,541  | 2,837   |
| 11 .....           | 14,609  | 11,935  | 2,674   |
| 12 .....           | 14,104  | 11,609  | 2,495   |
| Specials .....     | 9,891   | 9,684   | 207     |

Source: Hawaii State Department of Education, data supplied January 8, 1982.

Table 77.-- EXPENDITURES, COST PER PUPIL, AVERAGE SALARIES, AND DAYS OF SCHOOL, FOR PUBLIC ELEMENTARY AND SECONDARY EDUCATION: 1970-1971 TO 1980-1981

| 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 |                                    |   |                          |
| 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                      |
| 1980-1981 ..        | 402,344,699            | 30,860,000     | 2,457.32                           | 21,085                                      | 176                      |

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, data supplied January 8, 1982.

Table 78.-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS:  
FALL, 1971 TO 1981

| Year                | All federally-connected pupils |                             | Military dependents | Others <u>1/</u> |
|---------------------|--------------------------------|-----------------------------|---------------------|------------------|
|                     | Number                         | Percent of total enrollment |                     |                  |
| 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 .....          | 40,745                         | 24.2                        | 20,951              | 19,794           |
| 1980 <u>2/</u> .... | 37,773                         | 22.9                        | 18,954              | 18,819           |
| 1981 <u>3/</u> .... | 35,034                         | 21.6                        | 18,518              | 16,516           |

1/ Includes dependents of civilian employees of armed forces.

2/ Revised from 1981 Data Book, table 67.

3/ Preliminary.

Source: Hawaii State Department of Education, Report on Federally Connected Pupils, Hawaii Public Schools (annual, 1971-1976), and records.

Table 79.-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1970 TO 1981

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

| Year<br>(Fall) | Total,<br>all<br>campuses | University of Hawaii at Manoa |                     |                |                         | Univ. of<br>Hawaii<br>at Hilo <u>1/</u> | West<br>Oahu<br>College <u>2/</u> |
|----------------|---------------------------|-------------------------------|---------------------|----------------|-------------------------|---|-----------------------------------|
|                |                           | Total                         | Under-<br>graduates | Grad-<br>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              | 4,235          | 1,682                   | 3,504                                   | 247                               |
| 1981 ..        | 45,425                    | 20,629                        | 14,487              | 4,324          | 1,818                   | 3,478                                   | 369                               |
|                |                           | Community colleges <u>3/</u>  |                     |                |                         |   |                                   |
| Year<br>(Fall) | Total                     | Hono-<br>lulu                 | Kapio-<br>lani      | Lee-<br>ward   | Wind-<br>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                             |
| 1981 ..        | 20,949                    | 5,211                         | 5,089               | 6,032          | 1,489                   | 1,201                                   | 1,927                             |

Footnotes and source follow next table.

Table 80.-- DEGREES, DIPLOMAS, AND CERTIFICATES CONFERRED BY THE UNIVERSITY OF HAWAII: 1970 TO 1981

| Year ended<br>June 30 | University of Hawaii at Manoa          |                      |                     |   |                                   |                      |
|-----------------------|--|----------------------|---------------------|---|-----------------------------------|----------------------|
|                       | Associate                              | Bachelor             | Master              | Doctor                                      | First profes-<br>sional <u>6/</u> | Other <u>7/</u>      |
| 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                  |
| 1981 .....            | 57                                     | 2,618                | 963                 | 115   | 152                               | 106                  |
| Year ended<br>June 30 | University of Hawaii at Hilo <u>1/</u> |                      |                     | West Oahu<br>College:<br>bachelor <u>2/</u> | Community colleges <u>3/</u>      |                      |
|                       | Certifi-<br>cates                      | Associate<br>degrees | Bachelor<br>degrees |   | Certifi-<br>cates <u>8/</u>       | Associate<br>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                |
| 1981 .....            | 57                                     | 261                  | 171                 | 47  | 483                               | 1,763                |

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 November 12, 1981.



Table 81.-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1980 AND 1981

| 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 |
|---|--------------------------|-----------------------------------|------------------------------|--------------------|------------------------|
| 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 .....                                  | -                        | -                                 | -                            | -                  | -                      |
| 1981  |                          |                                   |                              |                    |                        |
| Fall enrollment <u>1/</u> .....               | 6,772                    | 2,045                             | 2,208                        | 312                | 2,207                  |
| Undergraduate .....                           | 6,568                    | 1,973                             | 2,076                        | 312                | 2,207                  |
| Graduate .....                                | 153                      | 21                                | 132                          | -                  | -                      |
| Other <u>2/</u> .....                         | 51                       | 51                                | -                            | -                  | -                      |
| Earned degrees conferred: <u>3/</u>           |                          |                                   |                              |                    |                        |
| Associate .....                               | 149                      | 42                                | 29                           | -                  | 78                     |
| Bachelor's .....                              | 510                      | 141                               | 232                          | 25                 | 112                    |
| Master's .....                                | 33                       | -                                 | 33                           | -                  | -                      |
| 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 82.-- PRIVATE EDUCATIONAL SERVICES: 1977

[Data shown only for nongovernmental, nonparochial establishments with payroll.]

| Taxation status and kind of activity or operation      | Estab-lish-ments | Receipts <sup>1/</sup> (\$1,000) | Expenses (\$1,000) | Paid em-ployees, mid-March |
|--|------------------|----------------------------------|--------------------|----------------------------|
| Taxable establishments, total .....                    | 64               | 7,642                            | (V)                | 464                        |
| Elementary and secondary schools ..                    | 7                | 1,309                            | (V)                | 114                        |
| Business and secretarial schools ..                    | 5                | 1,248                            | (V)                | 66                         |
| Vocational schools, except high ...                    | 11               | 2,116                            | (V)                | 91                         |
| Schools and educ. services, n.e.c.                     | 41               | 2,969                            | (V)                | 193                        |
| Tax-exempt establishments, total ....                  | 70               | 51,543                           | 48,966             | 3,000                      |
| Elementary and secondary schools ..                    | 25               | (V)                              | 30,903             | 1,653                      |
| Colleges, universities, and professional schools ..... | 4                | 15,134                           | 14,366             | 1,044                      |
| Schools and educ. services, n.e.c.                     | 33               | (D)                              | (D)                | (D)                        |

D Withheld to avoid disclosing data for individual establishments.

V Insufficient coverage.

<sup>1/</sup> "Revenues" for tax-exempt establishments.

Source: U.S. Bureau of the Census, 1977 Census of Service Industries, SC77-S-9, Miscellaneous Subjects (June 1981), tables 20 and 21.

Table 83.-- FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES:  
1971 TO 1979

[In thousands of dollars. For fiscal years.]

| Fiscal year | State total | University of Hawaii<br>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                           |
| 1979 .....  | 40,221      | 29,475                           |

Source follows next table.

Table 84.-- FEDERAL SUPPORT TO UNIVERSITIES AND COLLEGES, BY  
INSTITUTION AND TYPE OF ACTIVITY: 1979

[In thousands of dollars. For fiscal year.]

| Institution                           | Total, all<br>activities | Academic science             |        | Non-<br>science |
|---------------------------------------|--------------------------|------------------------------|--------|-----------------|
|                                       |                          | Total<br>academic<br>science | R&D    |                 |
| All institutions .....                | 40,221                   | 31,131                       | 27,970 | 9,090           |
| Chaminade Univ. of Honolulu .....     | 892                      | -                            | -      | 892             |
| Hawaii Loa College .....              | 170                      | -                            | -      | 170             |
| Hawaii Pacific College .....          | 549                      | -                            | -      | 549             |
| U. of Hawaii--Community Colleges .... | 875                      | 21                           | 21     | 854             |
| U. of Hawaii at Hilo .....            | 1,552                    | 1,175                        | 1,150  | 377             |
| U. of Hawaii Systems Office .....     | 6,708                    | 4,143                        | 2,956  | 2,565           |
| U. of Hawaii--Manoa .....             | 29,475                   | 25,792                       | 23,843 | 3,683           |

Source: National Science Foundation, Federal Support to Universities, Colleges, and Selected Nonprofit Institutions, Fiscal Year 1979, Final Report NSF 81-308 (1981), pp. 25 and 82.

Table 85.-- EDUCATIONAL CHARACTERISTICS: 1980

| Subject   | Number  |
|---|---------|
| SCHOOL ENROLLMENT                                     |         |
| Persons 3 years old and over enrolled in school ..... | 267,101 |
| Nursery school .....                                  | 13,597  |
| Public .....  | 3,544   |
| Private .....   | 10,053  |
| Kindergarten and elementary (1 to 8 years) .....      | 132,284 |
| Public .....  | 110,157 |
| Private .....   | 22,127  |
| High school (1 to 4 years) .....                      | 66,805  |
| Public .....  | 54,528  |
| Private .....   | 12,277  |
| YEARS OF SCHOOL COMPLETED                             |         |
| Persons 25 years old and over .....                   | 546,825 |
| Elementary (0 to 8 years) .....                       | 90,305  |
| High school: 1 to 3 years .....                       | 55,118  |
| 4 years .....   | 189,212 |
| College: 1 to 3 years .....                           | 100,912 |
| 4 or more years .....                                 | 111,278 |
| Percent high school graduates .....                   | 73.4    |
| SCHOOL ENROLLMENT AND<br>LABOR FORCE STATUS           |         |
| Persons 16 to 19 years .....                          | 70,055  |
| Armed forces .....                                    | 5,258   |
| Civilian .....  | 64,797  |
| Enrolled in school .....                              | 49,632  |
| Not enrolled in school .....                          | 15,165  |
| High school graduate .....                            | 10,639  |
| Employed .....  | 6,536   |
| Unemployed .....                                      | 909     |
| Not in labor force .....                              | 3,194   |
| Not high school graduate .....                        | 4,526   |
| Employed .....  | 1,597   |
| Unemployed .....                                      | 553     |
| Not in labor force .....                              | 2,376   |

Source: U.S. Bureau of the Census, 1980 Census of Population and Housing, Provisional Estimates of Social, Economic, and Housing Characteristics, PHC80-S1-1 (March 1982), p. 15.

Table 86.-- STANFORD ACHIEVEMENT TEST RESULTS FOR  
GRADES 4, 6 AND 8: 1975 TO 1981

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

| Grade and year<br>(Fall) | Reading skills   |         |                  | Math skills      |         |                  |
|--------------------------|------------------|---------|------------------|------------------|---------|------------------|
|                          | Above<br>average | Average | Below<br>average | Above<br>average | Average | Below<br>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               |
| 1981 .....               | 23               | 58      | 19               | 26               | 52      | 22               |
| 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               |
| 1981 .....               | 21               | 62      | 17               | 29               | 52      | 19               |
| 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               |
| 1981 .....               | 15               | 56      | 29               | 24               | 53      | 23               |

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 87.-- HAWAII STATE LIBRARY SYSTEM LOCATION, PERSONNEL, AND HOURS: 1970 TO 1981

| Year    | Number of library locations |      |               | Personnel <u>1/</u> |            | Hours open <u>2/</u> |
|---------|-----------------------------|------|---------------|---------------------|------------|----------------------|
|         | State total                 | Oahu | Other islands | Librarians          | All others |                      |
| 1970 .. | 38                          | 18   | 20            | (NA)                | (NA)       | 72                   |
| 1971 .. | 38                          | 18   | 20            | 116                 | 350.17     | 72                   |
| 1972 .. | 40                          | 19   | 21            | 117                 | 350.17     | 63                   |
| 1973 .. | 40                          | 19   | 21            | 111                 | 340.17     | 56                   |
| 1974 .. | 40                          | 19   | 21            | 102                 | 306.07     | 56                   |
| 1975 .. | 42                          | 20   | 22            | 96                  | 312.95     | 54                   |
| 1976 .. | 43                          | 20   | 23            | 103                 | 304.48     | 54                   |
| 1977 .. | 44                          | 20   | 24            | 113                 | 311.95     | 54                   |
| 1978 .. | 45                          | 21   | 24            | 115                 | 310.45     | 54                   |
| 1979 .. | 46                          | 22   | 24            | 117                 | 312.80     | 54                   |
| 1980 .. | 47                          | 22   | 25            | 122                 | 313.30     | 54                   |
| 1981 .. | 47                          | 22   | 25            | 122                 | 315.30     | 54                   |

NA Not available.

1/ Full-time equivalent basis, excluding student help. The 1970 data shown in the 1981 edition, table 75, were incorrect.

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 29, 1982.

Table 88. -- HAWAII STATE LIBRARY COLLECTIONS AND CIRCULATION:  
1970 TO 1981

| Year       | Collections, June 30 |                            |                | Circulation,<br>year ended<br>June 30 |
|------------|----------------------|----------------------------|----------------|---------------------------------------|
|            | Books                | Audio-visual<br>microforms | Other<br>print |                                       |
| 1970 ..... | 1,067,340            | (NA)                       | (NA)           | 3,645,950                             |
| 1971 ..... | 1,202,437            | (NA)                       | (NA)           | 3,905,825                             |
| 1972 ..... | 1,292,020            | (NA)                       | (NA)           | 4,130,736                             |
| 1973 ..... | 1,388,290            | (NA)                       | (NA)           | 4,024,186                             |
| 1974 ..... | 1,473,353            | (NA)                       | (NA)           | 3,984,706                             |
| 1975 ..... | 1,593,218            | (NA)                       | (NA)           | 4,268,409                             |
| 1976 ..... | 1,665,098            | (NA)                       | (NA)           | 4,424,434                             |
| 1977 ..... | 1,765,482            | (NA)                       | (NA)           | 4,597,248                             |
| 1978 ..... | 1,837,166            | 425,342                    | 770,527        | 4,860,029                             |
| 1979 ..... | 1,924,572            | 476,235                    | 752,643        | 5,008,477                             |
| 1980 ..... | 2,025,200            | 513,595                    | 797,691        | 5,042,682                             |
| 1981 ..... | 2,118,238            | 518,513                    | 804,735        | 5,267,042                             |

NA Not available.

Source: Hawaii State Department of Education, Office of the  
State Librarian, data submitted January 29, 1982.

Table 89.-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM: 1981

| District                              | Library locations, June 30 | Personnel, June 30 <u>1/</u> | Circulation, year ended June 30 |
|---------------------------------------|----------------------------|------------------------------|---------------------------------|
| Total system .....                    | 47                         | 437.3                        | 5,267,042                       |
| Oahu .....                            | 22                         | 242.5                        | 3,640,644                       |
| Hawaii State Library .....            | 1                          | 69.0                         | 515,022                         |
| Library for the Handicapped ..        | 1                          | 14.0                         | 33,545                          |
| East Oahu Library District ...        | 12                         | 98.5                         | 2,146,814                       |
| West Oahu Library District ...        | 8                          | 61.0                         | 945,263                         |
| Other islands .....                   | 25                         | 127.3                        | 1,626,398                       |
| Hawaii Library District .....         | 13                         | 59.3                         | 798,724                         |
| Kauai Library District .....          | 5                          | 30.0                         | 431,678                         |
| Maui Library District <u>3/</u> ..... | 7                          | 38.0                         | 395,996                         |
| Administration .....                  | ...                        | 67.5                         | ...                             |
|                                       | Collections, June 30       |                              |                                 |
| District                              | Books                      | AVM <u>2/</u>                | Other print                     |
| Total system .....                    | 2,118,238                  | 518,513                      | 804,735                         |
| Oahu .....                            | 1,487,651                  | 472,614                      | 595,576                         |
| Hawaii State Library .....            | 394,610                    | 361,854                      | 347,724                         |
| Library for the Handicapped ..        | 78,996                     | 55,277                       | 23,719                          |
| East Oahu Library District ...        | 668,137                    | 36,461                       | 165,338                         |
| West Oahu Library District ...        | 345,908                    | 19,022                       | 58,795                          |
| Other islands .....                   | 630,587                    | 45,899                       | 209,159                         |
| Hawaii Library District .....         | 273,936                    | 17,455                       | 64,218                          |
| Kauai Library District .....          | 169,341                    | 13,227                       | 103,208                         |
| Maui Library District <u>3/</u> ..... | 187,310                    | 15,217                       | 41,733                          |
| 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, data submitted February 2, 1982.



Table 90.-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,  
BY CAMPUS: 1971 AND 1981

| Campus   | Number of volumes,<br>June 30 |           | Circulation,<br>year ended<br>June 30 |         |
|--|-------------------------------|-----------|---------------------------------------|---------|
|  | 1971                          | 1981      | 1971                                  | 1981    |
| All campuses .....                               | 1,300,191                     | 2,178,878 | 565,702                               | 563,497 |
| University of Hawaii at Manoa .....              | 1,116,932                     | 1,786,122 | 445,220                               | 357,285 |
| West Oahu College .....                          | ...                           | 13,016    | ...                                   | 2,990   |
| University of Hawaii at Hilo <sup>1/</sup> ..... | 51,395                        | 158,558   | 27,231                                | 48,480  |
| Community colleges, total <sup>1/</sup> .....    | 131,864                       | 221,182   | 93,251                                | 154,742 |
| Honolulu .....                                   | 21,400                        | 44,442    | 46,098                                | 33,691  |
| Kapiolani .....                                  | 14,873                        | 26,002    | 5,674                                 | 10,302  |
| Leeward .....                                    | 51,148                        | 62,063    | 30,050                                | 58,125  |
| Windward .....                                   | ...                           | 25,090    | ...                                   | 9,618   |
| Kauai .....                                      | 12,253                        | 30,438    | 1,889                                 | 14,425  |
| Maui .....                                       | 32,190                        | 33,147    | 9,540                                 | 28,581  |

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

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