

Section 10

NATIONAL DEFENSE

This section presents statistics relating to the armed forces and their dependents, national guard strength, civilian employment in national defense, veterans, military housing, and expenditures by the armed forces.

There were approximately 61,000 officers and enlisted men (including 12,200 aboard ships homeported in Hawaii) and 64,000 military dependents in the Islands as of April 1, 1980. This number has been relatively stable in recent years, but at the height of World War II more than 400,000 uniformed personnel were present. The Navy alone accounts for about two-fifths of the current total. More than 11,800 Hawaii residents were in the armed forces worldwide in 1980. The importance of national defense in Hawaii can be further measured by total expenditures (\$1.3 billion), military prime contract awards (\$315 million), civilian employment (19,000), veterans in civil life (93,000), military personnel receiving retired or retainer pay (9,000 men, receiving \$8.9 million monthly), federally-connected pupils in public schools (35,400), military housing (19,000 units), and land controlled by the armed forces (223,000 acres). Defense expenditures are second only to tourism as a source of income to Hawaii.

The Department of Planning and Economic Development has, since 1959, issued periodic reports on Military Personnel and Dependents in Hawaii. Other published sources include reports of the U.S. Bureau of the Census, the Administrator of Veterans Affairs, the U.S. Department of Defense, the Hawaii State Department of Labor and Industrial Relations, Department of Defense, and Department of Education, the Hawaii State Census Statistical Areas Committee, and the Honolulu Department of Housing and Community Development. Definitions used by these sources frequently differ to some degree, and care is accordingly necessary in comparing data issued by two or more agencies. In mid-1978, for example, the number of armed forces in Hawaii was reported as 55,692 by DOD, 58,267 by the Bureau of the Census, 47,995 by the Bureau of Economic Analysis (which excludes ships crews) and 58,106 by the local commanding officers reporting to DPED. Historical Statistics of Hawaii, Section 26, includes series dating back to 1795. Section 12 of the Statistical Abstract of the United States: 1980 presents data on national defense and veterans affairs for other States and the entire nation.

Table 229.-- HAWAII RESIDENTS ON ACTIVE DUTY IN THE
ARMED FORCES WORLDWIDE: 1978 TO 1980

[Based on home of record.]

| Date | Number |
|----------------------|--------|
| 1978: June 30 | 10,715 |
| 1979: March 31 | 11,069 |
| 1980: June 30 | 11,851 |

Source: U.S. Department of Defense, Washington, Headquarters Services, Information Operations and Reports, records.

Table 230.-- ARMED FORCES AND DEPENDENTS: 1978 TO 1980

[Includes Navy personnel in Hawaiian waters, regardless of home port, and excludes all Coast Guard personnel; for these reasons, data differ somewhat from those in the following table.]

| Year | Active-duty military personnel in Hawaii, June 30 | | | Dependents located in Hawaii, March 31 <u>1/</u> |
|------------|--|---------------------------|------------------|---|
| | Total | Shore- based <u>2/</u> | Afloat <u>3/</u> | |
| 1978 | 55,692 | 43,851 | 11,841 | 55,327 |
| 1979 | 54,216 | 44,758 | 9,458 | 57,030 |
| 1980 | 50,673 | 42,356 | 8,317 | 53,729 |

1/ Including dependents of Hawaii residents stationed out of the State, if those dependents remained in Hawaii.

2/ Including personnel afloat and mobile but temporarily shorebased.

3/ Navy personnel afloat, identified with nearest port.

Source: Department of Defense, Washington, Headquarters Services, Information Operations and Reports, records.

Table 231.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES: 1970 TO 1980

[Includes Navy and Coast Guard personnel afloat on a homeported basis.
Data differ somewhat from similar series compiled by the Bureau of the
Census and Department of Defense, reported elsewhere in this volume.]

| Date | Personnel and dependents | Military personnel | | | Dependents in Hawaii | Military families |
|------------------|--------------------------------|--------------------|--------|----------------|-------------------------|----------------------|
| | | Total | Ashore | Aboard ship | | |
| 1970: April 1 .. | 117,943 | 56,085 | 41,362 | 14,723 | 61,858 | 20,558 |
| July 1 ... | 111,549 | 53,768 | 39,822 | 13,946 | 57,781 | 20,568 |
| 1971: July 1 ... | 112,943 | 50,762 | 35,824 | 14,938 | 62,181 | 23,184 |
| 1972: July 1 ... | 118,760 | 52,538 | 37,124 | 15,414 | 66,222 | 23,688 |
| 1973: July 1 ... | 128,082 | 57,783 | 43,064 | 14,719 | 70,299 | 25,264 |
| 1974: July 1 ... | 126,882 | 58,558 | 45,369 | 13,189 | 68,324 | 29,082 |
| 1975: July 1 ... | 121,911 | 58,205 | 45,589 | 12,616 | 63,706 | 26,122 |
| 1976: July 1 ... | 126,694 | 59,737 | 46,453 | 13,284 | 66,957 | 26,395 |
| 1977: July 1 ... | 123,471 | 58,466 | 45,811 | 12,655 | 65,005 | 25,927 |
| 1978: July 1 ... | 119,200 | 58,106 | 46,001 | 12,105 | 61,094 | 25,400 |
| 1979: July 1 ... | 122,386 | 57,868 | 44,915 | 12,953 | 64,518 | 27,835 |
| 1980: April 1 .. | 125,042 | 61,019 | 48,813 | 12,206 | 64,023 | 26,129 |

Source follows next table.

Table 232.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: APRIL 1, 1980

[See headnote to preceding table.]

| Island and service | Military personnel | | | | Dependents in Hawaii | Military families |
|--------------------|--------------------|---------------|-------------|-------------|----------------------|-------------------|
| | Ashore and afloat | Ashore | | Aboard ship | | |
| | | In hsg. units | In barracks | | | |
| State total .. | 61,019 | 35,115 | 13,698 | 12,206 | 64,023 | 26,129 |
| By island: | | | | | | |
| Oahu | 60,641 | 34,868 | 13,583 | 12,190 | 63,649 | 25,986 |
| Hawaii | 162 | 110 | 42 | 10 | 142 | 60 |
| Maui | 27 | 21 | - | 6 | 53 | 19 |
| Kauai | 164 | 116 | 48 | - | 179 | 64 |
| Kure Atoll | 25 | - | 25 | - | - | - |
| By service: | | | | | | |
| Air Force | 6,042 | 4,992 | 1,050 | - | 10,246 | 3,896 |
| Army | 17,721 | 11,527 | 6,194 | - | 22,917 | 9,492 |
| Coast Guard | 825 | 525 | 84 | 216 | 1,119 | 474 |
| Marine Corps | 12,894 | 8,330 | 4,564 | - | 7,938 | 8,330 |
| Navy | 23,537 | 9,741 | 1,806 | 11,990 | 21,803 | 8,937 |

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, July 1, 1980 (Statistical Report 139, May 15, 1980).

Table 233.-- NATIONAL GUARD STRENGTH: 1970 TO 1980

[As of June 30.]

| Year | Total | Air | Army |
|------------|-------|-------|-------|
| 1970 | 3,929 | 1,604 | 2,325 |
| 1971 | 4,510 | 1,569 | 2,941 |
| 1972 | 4,803 | 1,574 | 3,229 |
| 1973 | 4,822 | 1,539 | 3,283 |
| 1974 | 4,859 | 1,493 | 3,366 |
| 1975 | 5,062 | 1,554 | 3,508 |
| 1976 | 5,090 | 1,626 | 3,464 |
| 1977 | 4,902 | 1,709 | 3,193 |
| 1978 | 5,249 | 1,808 | 3,441 |
| 1979 | 5,394 | 1,872 | 3,522 |
| 1980 | 5,378 | 1,910 | 3,468 |

Source: Hawaii State Department of Defense,
Annual Report (annual).

Table 234.-- CIVILIAN EMPLOYMENT IN THE AIR FORCE, ARMY, AND NAVY: 1970 TO 1981

[Annual averages unless otherwise specified.]

| Year | Total | Air Force | Army | Navy |
|------------------|--------|-----------|-------|--------|
| 1970 | 22,080 | 3,680 | 6,100 | 12,300 |
| 1971 | 21,520 | 3,430 | 6,020 | 12,070 |
| 1972 | 21,200 | 3,400 | 6,000 | 11,800 |
| 1973 | 20,600 | 3,300 | 6,050 | 11,250 |
| 1974 | 20,200 | 3,300 | 5,700 | 11,200 |
| 1975 | 19,700 | 3,300 | 5,300 | 11,100 |
| 1976 | 19,200 | 3,200 | 4,950 | 11,050 |
| 1977 | 19,000 | 3,050 | 4,750 | 11,200 |
| 1978 | 19,100 | 2,850 | 4,500 | 11,750 |
| 1979 | 18,850 | 2,750 | 4,250 | 11,850 |
| 1980 | 18,700 | 2,650 | 4,100 | 11,950 |
| 1981 April (p) . | 19,200 | 2,600 | 4,250 | 12,350 |

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii Labor Force Statistics for 1970 and 1971, Labor Force Data Book (March 1978), as revised May 1981, and records.

Table 235.-- DEFENSE EXPENDITURES: 1970 TO 1980

| Year | Amount (\$1,000) |
|------------|---------------------|
| 1970 | 639,389 |
| 1971 | 708,764 |
| 1972 | 744,240 |
| 1973 | 840,855 |
| 1974 | 897,863 |
| 1975 | 982,779 |
| 1976 | 1,034,226 |
| 1977 | 1,086,561 |
| 1978 | 1,155,517 |
| 1979 | 1,221,784 |
| 1980 | 1,317,402 |

Source: Quarterly reports of armed forces.

Table 236.-- DEFENSE EXPENDITURES, BY CATEGORY AND SERVICE: 1980

[In thousands of dollars.]

| Expenditure category | All services | Air Force | Army | Navy and Marines | Coast Guard |
|-------------------------------|--------------|-----------|---------|------------------|-------------|
| All categories | 1,317,402 | 141,659 | 441,802 | 711,252 | 22,689 |
| Military payroll | 533,691 | 68,771 | 225,600 | 222,378 | 16,942 |
| Civilian payroll | 418,759 | 31,439 | 83,603 | 300,161 | 3,556 |
| Supplies, equipment, services | 364,952 | 41,449 | 132,599 | 188,713 | 2,191 |

Source: Quarterly reports of armed forces.

Table 237.-- MILITARY PRIME CONTRACT AWARDS OF \$10,000 OR MORE,
BY SERVICE: 1977 TO 1980

[In thousands of dollars. For fiscal years ended September 30.
Data refer to net value of military procurement actions.]

| Fiscal year | Total | Army | Navy | Air Force | Defense logistics agency |
|-------------|---------|--------|---------|-----------|--------------------------|
| 1977 | 223,805 | 46,385 | 77,298 | 21,003 | 71,242 |
| 1978 | 292,947 | 46,416 | 119,998 | 14,597 | 104,166 |
| 1979 | 307,041 | 55,384 | 111,350 | 23,601 | 110,457 |
| 1980 | 315,251 | 47,068 | 75,271 | 31,103 | 154,055 |

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Prime Contract Awards by State (annual).

Table 238.-- HOUSING UNITS OWNED BY THE ARMED FORCES:
1980 AND 1981

[As of April 1.]

| Year | All services | Air Force | Army | Coast Guard | Navy and Marines |
|------------|--------------|-----------|-------|-------------|------------------|
| 1980 | 19,354 | 2,975 | 7,186 | 315 | 8,878 |
| 1981 | 19,347 | 2,975 | 7,186 | 308 | 8,878 |

Source: Hawaii State Department of Planning and Economic Development, Housing Unit Estimates for Hawaii, 1970-1981 (Statistical Report 148, July 15, 1981), tables 9 and 10.

Table 239.-- VETERANS IN CIVIL LIFE: 1975 AND 1981

[In thousands.]

| Period of service | June | March |
|---------------------------------------|-------------|-------------|
| | 30, 1975 | 31, 1981 |
| Total veterans <u>1/</u> | 93 | 93 |
| War veterans <u>1/</u> | 81 | 76 |
| Vietnam era | 31 | 32 |
| Korean conflict | 21 | 20 |
| World War II | 33 | 29 |
| World War I | 2 | 1 |
| Post-Vietnam era only <u>2/</u> | - | 4 |
| Between Korea and Vietnam only | 12 | 13 |

1/ Veterans who served in more than one conflict are counted only once in the totals and subtotals.

2/ Service only after May 7, 1975.

Source: Veterans Administration, Veteran Population by Age, State of Residence and Regional Office, by Period of Service (semi-annual report).

Table 240.-- MILITARY PERSONNEL RECEIVING RETIRED PAY:
SEPTEMBER 30, 1980

| Service | Number of personnel | Monthly amount <u>1/</u> (dollars) | |
|------------------------|---------------------------|---------------------------------------|---------------|
| | | Total | Per person |
| Dept. of Defense | 9,040 | 8,851,631 | 979 |
| Army | 3,919 | 3,586,423 | 915 |
| Navy | 2,197 | 2,170,863 | 988 |
| Marine Corps | 591 | 617,255 | 1,044 |
| Air Force | 2,333 | 2,477,090 | 1,062 |

1/ Before deductions for withholding taxes and allotments, but after deductions for survivor benefits, dual compensation, etc.

Source: U.S. Department of Defense, DOD Actuary's Office, records.