

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 57,900 officers and enlisted men (including 13,000 aboard ships homeported in Hawaii) and 64,500 military dependents in the Islands as of July 1, 1979. 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 11,000 Hawaii residents were in the armed forces worldwide in 1979. The importance of national defense in Hawaii can be further measured by total expenditures (\$1.22 billion), military prime contract awards (\$307 million), civilian employment (19,000), veterans in civil life (94,000), military personnel receiving retired or retainer pay (9,000 men, receiving \$7.7 million monthly), federally-connected pupils in public schools (43,500), 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: 1979 presents data on national defense and veterans affairs for other States and the entire nation.

Table 196.-- HAWAII RESIDENTS ON ACTIVE DUTY IN THE ARMED FORCES WORLDWIDE: 1978 AND 1979

Date	Number
1978: June 30	10,715
1979: March 31	11,069

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

Table 197.-- ARMED FORCES AND DEPENDENTS: 1978 AND 1979

(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

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 198.-- 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 199.-- 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 200.-- DEFENSE EXPENDITURES: 1969 TO 1979

Year	Amount (\$1,000)
1969	625,948
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

Source: Quarterly reports of armed forces.

Table 201.-- DEFENSE EXPENDITURES, BY CATEGORY AND SERVICE: 1979

(In thousands of dollars)

Expenditure category	All services	Air Force	Army	Navy and Marines	Coast Guard
All categories	1,221,784	129,273	429,590	640,831	22,090
Military payroll	497,840	62,475	214,824	203,762	16,779
Civilian payroll	372,596	26,008	78,672	264,404	3,512
Supplies, equipment, services	351,348	40,790	136,094	172,665	1,799

Source: Quarterly reports of armed forces.

Table 202.-- MILITARY PRIME CONTRACT AWARDS OF \$10,000 OR MORE,
BY SERVICE: 1977 TO 1979

[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

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

Table 203.-- NATIONAL GUARD STRENGTH: 1970 TO 1979

[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

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

Table 204.-- CIVILIAN EMPLOYMENT IN THE AIR FORCE, ARMY, AND
NAVY: 1970 TO 1980

(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: April ...	18,750	2,650	4,100	12,000

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), and records.

Table 205.-- HOUSING UNITS OPERATED BY THE ARMED FORCES:
1977 TO 1980

Date	Total operated	Owned by armed forces	Leased from private owners
1977: July 1	17,454	17,342	112
1978: July 1	18,533	18,533	-
1979: July 1	19,366	19,366	-
1980: April 1	19,352	19,352	-

Source: Hawaii State Census Statistical Areas Committee, The Geographic Distribution of Government Housing in Hawaii (annual).

Table 206.-- VETERANS IN CIVIL LIFE: 1979 AND 1980

(In thousands)

Period of service	March 31, 1979	March 31, 1980
Total veterans <u>1/</u>	94	94
War veterans <u>1/</u>	79	78
Vietnam era	33	33
Korean conflict	20	20
World War II	30	30
World War I	1	1
Post-Vietnam era only <u>2/</u>	2	3
Between Korea and Vietnam only	13	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 207.-- MILITARY PERSONNEL RECEIVING RETIRED PAY:
SEPTEMBER 30, 1979

Service	Number of personnel	Monthly amount <u>1/</u> (dollars)	
		Total	Per person
Dept. of Defense	8,956	7,663,625	856
Army	3,827	3,075,857	804
Navy	2,317	1,995,248	861
Marine Corps	570	515,998	905
Air Force	2,242	2,076,522	926

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

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