

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 61,500 officers and enlisted men (including 15,300 aboard ships homeported in Hawaii) and 64,300 military dependents in the Islands as of July 1, 1981. 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 almost two-fifths of the current total. More than 11,900 Hawaii residents were in the armed forces worldwide in 1981. The importance of national defense in Hawaii can be further measured by total expenditures (\$1.45 billion), military prime contract awards (\$591 million), civilian employment (19,400), veterans in civil life (104,000), military personnel receiving retired or retainer pay (9,200 men, receiving \$9.3 million monthly), military-connected pupils in public schools (16,516), 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, Department of Education, and the Hawaii State Census Statistical Areas Committee. 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-1980, for example, the number of armed forces in Hawaii was reported as 50,673 by DOD, 58,000 by the Bureau of the Census, 58,579 by the Bureau of Economic Analysis and 61,019 by the local commanding officers reporting to DPED. Historical Statistics of Hawaii, Section 26, includes series on the armed forces dating back to 1795. Section 12 of the Statistical Abstract of the United States: 1981 presents data on national defense and veterans affairs for other States and the entire nation.

Table 247.-- HAWAII RESIDENTS ON ACTIVE DUTY IN THE
ARMED FORCES WORLDWIDE: 1979 TO 1981

[Based on home of record.]

Date	Number
1979: March 31	11,069
1980: June 30	11,851
1981: June 30	11,927

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

Table 248.-- ARMED FORCES AND DEPENDENTS: 1979 TO 1981

[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>	
1979	54,216	44,758	9,458	57,030
1980	50,673	42,356	8,317	53,729
1981	52,619	44,315	8,304	52,628

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 249.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES: 1970 TO 1982

[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 <u>1/</u>			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
1981: July 1 ...	125,865	61,521	46,255	15,266	64,344	25,893
1982: July 1 ...	127,816	61,107	54,184	6,923	66,709	26,009

1/ Ship crews living ashore are included with the ashore total. The number of crew members living ashore increased sharply between 1981 and 1982, primarily because of the increased housing allowance offered to Navy personnel after June 1, 1982.

Source follows next table.

Table 250.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 1982

[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 ..	61,107	34,510	19,674	6,923	66,709	26,009
By island:						
Oahu	60,749	34,272	19,554	6,923	66,294	25,812
Hawaii	175	112	63	-	183	74
Maui	25	18	7	-	43	15
Kauai	138	107	31	-	186	107
Kure Atoll	19	-	19	-	-	-
By service:						
Air Force	6,042	4,831	1,211	-	8,976	3,452
Army	17,445	10,871	6,574	-	24,709	10,118
Coast Guard	1,079	719	138	222	1,098	476
Marine Corps	13,238	4,468	6,913	1,857	10,266	3,122
Navy	23,303	13,621	4,838	4,844	21,660	8,841

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, July 1, 1982 (Statistical Report 157, September 24, 1982).

Table 251.-- NATIONAL GUARD STRENGTH: JUNE 30, 1981

Category and island	Total	Air National Guard	Army National Guard
Authorized strength, Statewide	6,216	2,035	4,181
Assigned strength, Statewide	5,338	1,943	3,395
Hawaii	810	216	594
Maui	323	121	202
Molokai	37	-	37
Oahu	3,701	1,353	2,348
Kauai	467	253	214

Source: Hawaii State Department of Defense,
Annual Report, Fiscal Year 1981, pp. 6, 10, and 28.

Table 252.-- CIVILIAN EMPLOYMENT IN THE AIR FORCE, ARMY, AND NAVY:
ANNUAL AVERAGES, 1970 TO 1981

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	19,400	2,600	4,300	12,500

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 1982, and records.

Table 253.-- DEFENSE EXPENDITURES: 1971 TO 1981

[In thousands of dollars.]

Year	All categories	Military payroll	Civilian payroll	Supplies, equipment, services
1971 ^{1/}	708,757	291,322	244,798	172,637
1972 ^{1/}	744,239	309,015	250,808	184,416
1973 ^{1/}	840,851	335,475	257,521	247,855
1974 ^{1/}	897,861	381,281	271,007	245,573
1975	982,779	396,413	281,955	304,411
1976	1,034,226	420,051	301,347	312,828
1977	1,086,561	432,754	325,778	328,029
1978	1,155,517	465,449	354,530	335,538
1979	1,221,784	497,840	372,596	351,348
1980	1,317,402	533,691	418,759	364,952
1981	1,449,328	612,761	450,684	385,883
SERVICE: 1981				
Air Force	158,282	79,404	29,727	49,151
Army	493,813	254,474	90,606	148,733
Navy and Marines	770,477	257,880	326,784	185,813
Coast Guard ^{2/} .	26,756	21,003	3,567	2,186

^{1/} Revised from Data Book 1981, table 235.

^{2/} Jan.-March based on corresponding quarter in previous year.

Source: Quarterly reports submitted by armed forces.

Table 254.-- MILITARY PRIME CONTRACT AWARDS OF \$10,000 OR MORE,
BY SERVICE: 1980 AND 1981

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

Fiscal year	Total <u>1/</u>	Army	Navy	Air Force	Defense logistics agency
1980	315,251	47,068	75,271	31,103	154,055
1981	590,671	156,837	143,951	30,716	250,113

1/ Net value of civil functions procurement actions (\$159,000 in 1980 and \$75,000 in 1981) not included.

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

Table 255.-- HOUSING UNITS OWNED BY THE ARMED FORCES:
1980 TO 1982

[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
1982	19,326	2,957	7,177	315	8,877

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; and Housing Unit Estimates for Hawaii, 1970-1982 (Statistical Report 156, July 28, 1982), table 9.

Table 256.-- VETERAN STATUS: 1980

Status	Number
Civilian persons 16 years and over	668,979
Veteran	104,374
Percent of civilian persons 16 years and over .	15.6
Male veteran	99,333
Percent of civilian males 16 years and over ...	31.1

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 257.-- MILITARY PERSONNEL RECEIVING RETIRED PAY:
SEPTEMBER 30, 1981

Service	Number of personnel	Monthly amount ^{1/} (dollars)	
		Total	Per person
Dept. of Defense	9,156	9,261,603	1,012
Army	3,955	3,750,777	948
Navy	2,214	2,230,854	1,008
Marine Corps	608	671,973	1,105
Air Force	2,379	2,607,999	1,096

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

Source: U.S. Department of Defense, Office of Actuary, Defense Manpower Data Center, 1981 DOD Statistical Report on the Military Retirement System (1982), p. 14.