

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. Further information appears in sections 1, 2, 6, 11, 12, 14, 17, 22, and 23.

There were approximately 60,800 officers and enlisted men (including 4,500 aboard ships homeported in Hawaii) and 67,100 military dependents in the Islands as of July 1, 1984. 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 one-third of the current total. More than 11,400 Hawaii residents were in the armed forces worldwide in 1984. The importance of national defense in Hawaii can be further measured by total expenditures (\$1.85 billion), military prime contract awards (\$639 million), civilian employment (20,800), veterans in civil life (98,000), military personnel receiving retired pay (10,000 men, receiving \$11.3 million monthly), military-connected pupils in public schools (19,700), military housing (19,200 units), and land used by the armed forces (over 121,000 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, 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-1982, for example, the number of armed forces in Hawaii was reported as 53,915 by DOD, 54,879 by the Bureau of the Census, and 61,107 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: 1984 presents data on national defense and veterans affairs for other States and the entire nation.

Table 311.-- HAWAII RESIDENTS ON ACTIVE DUTY IN THE ARMED FORCES WORLDWIDE: 1982 TO 1984

[Based on home of record]

Date	Number
1982: June 30	11,926
1983: June 30	11,641
1984: June 30	11,466

Source: U.S. Department of Defense, Manpower Data Center, records.

Table 312.-- ARMED FORCES AND DEPENDENTS: 1982 TO 1984

[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 ^{1/}
	Total	Shore-based ^{2/}	Afloat ^{3/}	
1982	53,915	45,796	8,119	53,967
1983	(NA)	46,319	(NA)	52,160
1984	(NA)	47,060	(NA)	53,576

NA Not available.

^{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, Department of Defense Worldwide Manpower Distribution by Geographical Area, June 30, 1983, pp. 3 and 29, and records.

Table 313.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES: 1970 TO 1984

[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 ^{1/}			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
1983: July 1 ...	125,273	59,021	53,755	5,266	66,252	26,791
1984: July 1 ...	127,887	60,804	56,321	4,483	67,083	31,415

^{1/} Beginning in 1982, ship crews living ashore are included with the ashore total. The number of crew members ashore increased sharply between 1981 and 1982, partly because of the increased housing allowance offered to Navy personnel after June 1, 1982, but primarily because of the reclassification of personnel stationed aboard ship but living ashore.

Source follows next table.

Table 314.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 1984

[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 ..	60,804	39,754	16,567	4,483	67,083	31,415
By island:						
Oahu	60,440	39,514	16,447	4,479	66,652	31,225
Hawaii	155	92	61	2	178	74
Maui	34	28	4	2	42	22
Kauai	152	120	32	-	211	94
Kure Atoll	23	-	23	-	-	-
By service:						
Air Force	6,925	5,621	1,304	-	10,109	4,193
Army	19,195	12,859	6,336	-	24,823	11,345
Coast Guard	1,167	872	150	145	1,164	445
Marine Corps	11,101	5,037	4,603	1,461	8,284	3,742
Navy	22,416	15,365	4,174	2,877	22,703	11,690

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, 1984 (Statistical Report 168, October 10, 1984).

Table 315.-- NATIONAL GUARD STRENGTH: 1979 TO 1984

[Actual strength as of June 30]

Year	Total	Air National Guard	Army National Guard
1979	5,394	1,872	3,522
1980	5,378	1,910	3,468
1981	5,338	1,943	3,395
1982	5,720	2,022	3,698
1983	5,799	2,031	3,768
1984	5,866	2,073	3,793

Source: Hawaii State Department of Defense, Annual Report for years specified.

Table 316.-- DEPARTMENT OF DEFENSE PERSONNEL, MILITARY AND CIVILIAN, BY SERVICE: SEPTEMBER 30, 1983

Category	All services	Army	Navy	Air Force	Other defense agencies
Total	65,959	22,265	34,316	9,273	105
Military personnel	45,715	17,690	21,347	6,678	-
Civilian personnel	20,244	4,575	12,969	2,595	105

Source follows next table.

Table 317.-- DEPARTMENT OF DEFENSE PERSONNEL, MILITARY AND CIVILIAN,
BY LOCATION: SEPTEMBER 30, 1983

Installation or geographic area	Total DoD	Military personnel	Civilian personnel
State total	65,959	45,715	20,244
Aiea	989	742	247
Barbers Point NAS	2,395	1,938	457
Ford Island	397	357	40
Fort Shafter	1,724	-	1,724
Halawa Heights	314	311	3
Hickam AFB	7,449	5,194	2,255
Honolulu	3,594	1,610	1,984
Kaneohe	10,118	9,505	613
Kapalama	218	5	213
Kauai	211	145	66
Kunia	863	845	18
Lualualei	602	261	341
Pearl Harbor	16,553	7,230	9,323
Schofield Barracks	14,499	13,500	999
Tripler Army Medical Center	2,414	1,444	970
Wahiawa	1,047	849	198
Waialua	591	554	37
Wheeler AFB	1,481	1,037	444
Other	500	188	312

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Department of Defense Distribution of Personnel by State and by Selected Locations, September 30, 1983, p. 28.

Table 318.-- CIVILIAN EMPLOYMENT IN THE AIR FORCE, ARMY, AND NAVY:
ANNUAL AVERAGES, 1973 TO 1983

Year	Total	Air Force	Army	Navy
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
1982	20,400	2,650	4,650	13,100
1983	20,850	2,650	4,850	13,350

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1984.

Table 319.-- HOUSING UNITS OWNED BY THE ARMED FORCES:
1983 AND 1984

[As of April 1]

Year	All services	Air Force	Army	Coast Guard	Navy and Marines
1983	19,238	2,957	7,142	315	8,824
1984	19,228	2,957	7,141	315	8,815

Source: Hawaii State Census Statistical Areas Committee, The Geographic Distribution of Government Housing in Hawaii, 1984 (Report CTC-58, July 20, 1984).

Table 320.-- DEFENSE EXPENDITURES: 1973 TO 1983

[In thousands of dollars. Does not include military retired pay, Hawaii National Guard expenditures, or U.S. Army Corps of Engineers contracts]

Year	All categories	Military payroll	Civilian payroll	Supplies, equipment, services
1973	840,851	335,475	257,521	247,855
1974	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
1982	1,693,410	716,841	508,569	468,000
1983	1,848,175	793,782	558,220	496,175
SERVICE: 1982				
Air Force	173,745	93,321	31,806	48,618
Army	611,586	299,072	104,543	207,971
Coast Guard	29,893	23,644	3,587	2,662
Navy and Marines	878,186	300,804	368,633	208,749
SERVICE: 1983				
Air Force	182,587	103,041	36,003	43,544
Army	702,688	350,092	116,600	235,997
Coast Guard	26,955	20,052	3,827	3,076
Navy and Marines	935,945	320,597	401,790	213,558

Source: Quarterly reports submitted to DPED by armed forces.

Table 321.-- MILITARY PRIME CONTRACT AWARDS, BY PROGRAM: 1981 TO 1983

[Net value of Department of Defense prime contract awards over \$25,000, for the 25 major procurement programs. In thousands of dollars]

Procurement program	Fiscal years		
	1981	1982	1983
All major programs	590,746	526,143	638,975
Ships	9,348	16,998	17,745
Electronics and communication equipment	16,215	16,498	16,207
Petroleum	243,135	269,150	267,916
Subsistence	14,482	21,059	17,982
Construction	203,376	101,634	167,831
Services	96,359	86,631	123,119
Other major programs ^{1/}	7,831	14,173	28,175

^{1/} For details, see source.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Department of Defense Prime Contract Awards by Region and State, Fiscal Years, 1981, 1982, and 1983, p. 29.

Table 322.-- VETERAN STATUS BY COUNTIES: 1980

Subject	State total ^{1/}	Counties			
		Hawaii	Honolulu	Kauai	Mauai
Male veterans	98,633	10,117	77,356	4,133	7,015
Percent of civilian males, 16 years and over	31.1	29.9	32.0	28.4	26.4
Female veterans	5,141	359	4,381	129	272
Percent of civilian females, 16 years and over	1.5	1.1	1.6	0.9	1.0

^{1/} Includes Kalawao County, not shown separately.

Source: U.S. Bureau of the Census, 1980 Census of Population, General Social and Economic Characteristics, Hawaii, PC80-1-C13 (June 1983), table 70 and 179.

Table 323.-- VETERANS IN CIVIL LIFE: 1979 AND 1984

Period of service	March 31, 1979	March 31, 1984
Total veterans <u>1/</u>	94,000	98,000
War veterans <u>1/</u>	79,000	79,000
Vietnam era	33,000	35,000
Korean conflict	20,000	21,000
World War II	30,000	33,000
World War I	1,000	(Z)
Post-Vietnam era only <u>2/</u>	2,000	7,000
Between Korea and Vietnam only	13,000	10,000
Other peacetime veterans <u>3/</u>	1,000

Z Under 500.

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.

3/ Includes those who served only between World War I and World War II, and those who served only between World War II and the Korean conflict.

Source: Veterans Administration, Veteran Population (semi-annual report).

Table 324.-- MILITARY PERSONNEL RECEIVING RETIRED PAY FROM
THE DEPARTMENT OF DEFENSE: SEPTEMBER 30, 1983

Service	Number of personnel		Monthly payment 2/ (\$1,000)	Payment per person paid 2/ (dollars)
	Retired 1/	Paid by DOD		
Dept. of Defense	10,835	10,025	11,293	1,126
Army	4,530	4,087	4,324	1,058
Navy	2,994	2,811	3,170	1,128
Marine Corps	726	648	793	1,224
Air Force	2,585	2,479	3,006	1,213

1/ Includes retired personnel not receiving retired pay from the Department of Defense.

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

Source: U.S. Department of Defense, Office of the Actuary, Defense Manpower Data Center, FY 1983 DOD Statistical Report on the Military Retirement System (1984), p. 17.