

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, 12, 13, 14, 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 (\$1.87 billion), military prime contract awards (\$639 million), civilian employment (20,600), veterans in civil life (97,000), military personnel receiving retired pay (10,000 men, receiving \$11.5 million monthly), military-connected pupils in public schools (20,200), military housing (19,200 units), and land used by the armed forces (over 110,000 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. Department of Defense, U.S. Bureau of the Census, Administrator of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations, Department of Defense, and Department of Education, and 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: 1985 presents data on national defense and veterans affairs for other States and the entire nation.

Table 293.-- HAWAII RESIDENTS ON ACTIVE DUTY IN THE
ARMED FORCES WORLDWIDE: 1970 TO 1985

[As of June 30, unless otherwise specified.
Based on home of record]

Year	Number	Year	Number	Year	Number
1970 <u>1/</u> ...	15,331	1976	10,600	1982	11,926
1971	13,600	1977	10,640	1983	11,641
1972	11,600	1978	10,715	1984	11,466
1973	10,200	1979 <u>2/</u> .	11,069	1985	10,827
1974	10,810	1980	11,851		
1975	10,640	1981	11,927		

1/ For 1950-1969, see the Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, July 1977 (Statistical Report 120, September 9, 1977), table 5.

2/ March 31.

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

Table 294.-- ARMED FORCES AND DEPENDENTS: 1982 TO 1984

Group	1982	1983	1984
Active-duty military personnel, June 30 <u>1/</u> ...	45,796	46,319	47,060
Dependents located in Hawaii, March 31 <u>2/</u>	53,967	52,160	53,576

1/ Shorebased only. Excludes Navy personnel afloat, unless temporarily shorebased, and all Coast Guard personnel.

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

Source: U.S. Department of Defense, Washington, Headquarters Services, Information Operations and Reports, Department of Defense Worldwide Manpower Distribution of Geographical Area, June 30, 1983, pp. 3 and 29, and records.

Table 295.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES: 1970 TO 1985

[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
1985: July 1 ...	122,286	58,005	53,848	4,157	64,281	29,997

^{1/} Beginning in 1982, ship crews living ashore are included with the ashore total.

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, 1985 (Statistical Report 182, December 12, 1985), table 1.

Table 296.-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 1985

[See headnote to preceding table]

Island and service	Military personnel				Dependents in Hawaii	Military families
	Ashore and afloat	Living ashore		Living aboard ship		
		In hsg. units	In barracks			
State total ..	58,005	35,821	18,027	4,157	64,281	29,997
By island:						
Oahu	57,726	35,630	17,943	4,153	63,944	29,830
Hawaii	100	78	20	2	129	56
Maui	22	20	-	2	34	27
Kauai	132	92	40	-	171	83
Molokai	1	1	-	-	3	1
Kure Atoll	24	-	24	-	-	-
By service:						
Air Force	4,125	2,959	1,166	-	9,916	4,674
Army	19,005	12,285	6,720	-	24,942	10,608
Coast Guard	1,122	774	134	214	1,171	450
Marine Corps	10,724	5,283	4,475	966	8,879	4,033
Navy	23,029	14,520	5,532	2,977	19,373	10,232

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, 1985 (Statistical Report 182, December 12, 1985), table 2.

Table 297.-- NATIONAL GUARD STRENGTH: 1980 TO 1985

[Actual strength as of June 30]

Year	Total	Air National Guard	Army National Guard
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
1985	6,096	2,227	3,869

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

Table 298.-- DEPARTMENT OF DEFENSE PERSONNEL, MILITARY AND CIVILIAN, BY SERVICE: SEPTEMBER 30, 1984

Category	All services	Army	Navy	Air Force	Other DoD
Total	66,058	24,266	32,230	9,451	111
Military personnel <u>1/</u> .	45,258	19,405	19,007	6,846	-
Civilian personnel <u>2/</u> .	20,800	4,861	13,223	2,605	111

Footnotes and source follow next table.

Table 299.-- DEPARTMENT OF DEFENSE PERSONNEL, MILITARY AND CIVILIAN,
BY LOCATION: SEPTEMBER 30, 1984

Installation or geographic area	Total DoD	Military personnel <u>1/</u>	Civilian personnel <u>2/</u>
State total	66,058	45,258	20,800
Aiea	990	738	252
Barbers Point NAS	2,444	1,975	469
Ford Island	448	407	41
Fort Shafter	1,843	-	1,843
Halawa Heights	310	306	4
Hickam AFB	7,541	5,248	2,293
Honolulu	2,263	1,651	612
Kaneohe	7,947	7,280	667
Kapalama	217	8	209
Kauai	203	130	73
Kunia	1,077	1,051	26
Lualualei	571	265	306
Pearl Harbor	18,037	7,028	11,009
Pohakuloa Mil. Res.	105	79	26
Schofield Barracks	15,953	14,957	996
Tripler Army Medical Center	2,445	1,447	998
Wahiawa	1,080	883	197
Waialua	583	547	36
Wheeler AFB	1,629	1,158	471
Other	2,001	1,258	743

1/ Active duty.

2/ Direct hire.

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, 1984, pp. 29-30.

Table 300.-- CIVILIAN EMPLOYMENT IN THE AIR FORCE, ARMY, AND NAVY:
ANNUAL AVERAGES, 1979 TO 1984

Year	Total	Air Force	Army	Navy
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
1984	20,600	2,650	5,000	12,950

Source: Hawaii State Department of Labor and Industrial Relations, Labor Force Data Book (March 1978), as revised annually through April 1985.

Table 301.-- MILITARY PRIME CONTRACT AWARDS, BY SERVICE: 1981 TO 1984

[In thousands of dollars. Fiscal years ended September 30. Net value of Department of Defense prime contracts over \$25,000]

Fiscal year	Total	Army	Navy & Marine Corps	Air Force	Other defense activities
1981	575,776	150,902	137,565	28,328	258,981
1982	500,609	80,661	103,827	35,279	280,842
1983	638,975	117,573	187,355	36,806	297,241
1984	536,735	185,074	158,068	52,719	140,874

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Department of Defense Atlas/State Data Abstract for the United States, Fiscal Year 1984, p. 33.

Table 302.-- DEFENSE EXPENDITURES: 1974 TO 1984

[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
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
1984	1,867,189	828,787	582,531	455,872
SERVICE: 1984				
Air Force	207,557	118,104	35,223	54,231
Army	685,246	366,273	128,356	190,618
Coast Guard	26,224	19,500	3,919	2,805
Navy and Marines	948,162	324,911	415,033	208,218

Source: Quarterly reports submitted to DPED by armed forces.

Table 303.-- HOUSING UNITS OWNED BY THE ARMED FORCES:
1984 AND 1985

[As of April 1]

Year	All services	Air Force	Army	Coast Guard	Navy and Marines
1984	19,228	2,957	7,141	315	8,815
1985	19,214	2,957	7,122	315	8,820

Source: Hawaii State Census Statistical Areas Committee, The Geographic Distribution of Government Housing in Hawaii, 1985 (Report CTC-63, July 12, 1985).

Table 304.-- VETERANS IN CIVIL LIFE: 1979 AND 1984

Period of service	September 30, 1979	September 30, 1984
Total veterans <u>1/</u>	94,000	97,000
War veterans <u>1/</u>	79,000	78,000
Vietnam era	33,000	34,000
Korean conflict	20,000	21,000
World War II	30,000	32,000
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 305.-- VETERAN STATUS BY COUNTIES: 1980

Subject	State total <u>1/</u>	Counties			
		Hawaii	Honolulu	Kauai	Maui
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 306.-- MILITARY PERSONNEL RECEIVING RETIRED PAY FROM
THE DEPARTMENT OF DEFENSE: SEPTEMBER 30, 1984

Service	Number of personnel		Monthly payment <u>2/</u> (\$1,000)	Payment per person paid <u>2/</u> (dollars)
	Retired <u>1/</u>	Paid by DOD		
Dept. of Defense	11,011	10,161	11,484	1,130
Army	4,610	4,151	4,391	1,058
Navy	2,985	2,789	3,200	1,147
Marine Corps	757	679	837	1,233
Air Force	2,659	2,542	3,055	1,202

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 1984 DOD Statistical Report on the Military Retirement System (1985), p. 17.

Table 307.-- WAR CASUALTIES OF HAWAII RESIDENTS IN
THE ARMED FORCES: 1914 TO 1976

[Data refer to U.S. military personnel whose home state
or pre-service residence of record was Hawaii]

War	Personnel serving	Battle deaths	Nonbattle deaths
World War I ^{1/}	9,800		102
World War II ^{2/}	28,008	658	138
Korean conflict ^{3/}	(NA)	403	(NA)
Vietnam conflict	12,970	221	51

NA Not available.

^{1/} Data include nearly 200 Hawaii residents serving (and 22 dying) with the British armed forces, many prior to the U.S. entry into World War I. Of the 102 war casualties, only 14 occurred overseas prior to the armistice; 61 took place in Hawaii or North America or after the armistice, and the time or place of 27 is unknown.

^{2/} The number serving represents the cumulative number of registrants from Hawaii inducted through December 31, 1945. The cumulative number of Hawaii registrants, 18 to 37 years old and classified 1-C, inducted or enlisted through August 1, 1945 was 22,210.

^{3/} In addition, 923 wounded personnel gave Hawaii as their pre-service residence.

Source: Hawaii State Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, July 1977 (Statistical Report 120, September 9, 1977), tables 6 and 7.