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Section 10

NATIONAL DEFENSE

This section presents statistics relating to the armed forces and their family members, National Guard expenditures and strength, civilian employment in national defense, veterans, land controlled by the U.S. Department of Defense (DOD), military housing, and expenditures by the armed forces. Additional information appears in sections 1, 2, 9, 12, and 23.

The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) has compiled periodic reports on military personnel and dependents since 1959. Other published sources include reports of the U.S. DOD, U.S. Census Bureau, U.S. Department of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations and the Hawaii State Department of Defense. Definitions used by these sources differ to some degree, and care is necessary in comparing data issued by two or more agencies. *Historical Statistics of Hawaii*, Section 26, includes series on the armed forces dating back to 1795. Section 10 of the *Statistical Abstract of the United States: 2004-2005* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

**Table 10.01-- HAWAII RESIDENTS ON ACTIVE DUTY WITH THE
U.S. ARMED FORCES WORLDWIDE: 1950 TO 2002**

[As of June 30, unless otherwise specified. 1950-1979 based on pre-service residence;
1980-1995 and 2002, on home of record]

Year	Number	Year	Number	Year	Number
1950	7,699	1968	22,433	1986	10,882
1951	10,958	1969	15,856	1987	10,896
1952	16,594	1970	15,331	1988	10,548
1953	16,217	1971	13,600	1989 1/	10,501
1954	16,189	1972	11,600	1990	10,052
1955	15,175	1973	10,200	1991	10,076
1956	15,243	1974	10,810	1992	8,432
1957	14,687	1975	10,640	1993	7,621
1958	13,310	1976	10,600	1994	5,098
1959	12,596	1977	10,640	1995 2/	4,237
1960 3/	12,662	1978	10,715	1996	(NA)
1961	11,340	1979 3/	11,069	1997	(NA)
1962	13,464	1980	11,851	1998	(NA)
1963	14,944	1981	11,927	1999	(NA)
1964	15,000	1982	11,926	2000	(NA)
1965	15,109	1983	11,641	2001	(NA)
1966	15,875	1984	11,466	2002 4/	3,970
1967	18,048	1985	10,827		

NA Not available.

1/ U.S. military personnel stationed abroad as of December 31, 1989 included 3,782 whose home of record was Hawaii and 5,049 whose last duty station was Hawaii (data from U.S. Bureau of the Census, Press Clippings, CB90-28, July 23, 1990).

2/ For 1995, Defense Manpower Data Center does not include home-of-record for U.S. Air Force.

3/ As of March 31 or April 1.

4/ As of December 31.

Source: 1950-1969 estimates by U.S. Bureau of the Census, in Hawaii State Department of Planning and Economic Development, *Military Personnel and Dependents in Hawaii, July 1977* (Statistical Report 120, September 9, 1977), table 5; 1970-2002 from U.S. Department of Defense, Defense Manpower Data Center, records.

**Table 10.02-- ACTIVE DUTY BY LEGAL RESIDENCE
AND SELECTED RESERVES BY HOME OF RECORD: 2002**

[As of December 31, 2002]

Category	Selected reserves by home of record		Active duty by legal residence	
	United States	Hawaii	United States	Hawaii
Total	876,527	9,108	1,399,751	3,970
American Indian/Alaska Native	8,275	52	15,795	13
Asian/Pacific Islander	26,640	5,639	56,667	2,630
Black	143,672	436	275,205	173
White	611,482	2,122	897,514	710
Hispanic	70,333	374	127,900	149
Other/unknown	16,125	485	26,670	295
Other	(NA)	(NA)	13,869	95
Unknown	(NA)	(NA)	12,801	200
Total	876,527	9,108	1,399,751	3,970
Female	151,656	1,656	210,085	592
Male	724,871	7,452	1,189,666	3,378

NA Not available.

Source: U.S. Department of Defense, Directorate of Information, Operations and Reports unpublished compilation, September 10, 2003 based on Defense Manpower Data Center unpublished data.

Table 10.03-- ACTIVE DUTY PERSONNEL, BY SERVICE: 1953 TO 2004

[As of June 30 for 1953 to 1956; as of September 30 for 1957 to 2004. Excludes Coast Guard]

Year	Total 1/	Army	Navy	Marine Corps	Air Force	Year	Total 1/	Army	Navy	Marine Corps	Air Force
1953	24,785	5,872	7,657	6,040	5,216	1979	45,408	17,446	10,562	11,397	6,003
1954	23,654	7,957	6,443	4,155	5,099	1980	43,313	17,118	10,976	9,277	5,942
1955	40,258	19,821	5,211	9,677	5,549	1981	44,141	17,962	10,948	9,070	6,161
1956	37,470	16,531	5,237	9,490	6,212	1982	44,470	17,457	11,880	8,926	6,207
1957	40,683	17,511	5,466	9,608	8,098	1983	44,651	17,466	12,671	7,926	6,588
1958	35,076	14,672	4,908	8,670	6,826	1984	47,648	19,222	12,960	8,703	6,763
1959	36,310	15,438	5,309	8,470	7,093	1985	46,875	18,262	12,722	9,192	6,699
1960	35,412	15,492	5,687	7,756	6,477	1986	46,122	18,153	12,938	8,752	6,279
1961	39,474	16,945	5,774	9,679	7,076	1987	47,262	18,905	12,975	9,263	6,119
1962	41,657	17,645	6,664	9,903	7,445	1988	45,843	18,170	12,479	9,365	5,829
1963	40,610	16,589	6,545	9,950	7,526	1989	45,935	18,788	12,403	9,179	5,565
1964	45,046	18,566	6,777	10,613	9,090	1990	41,887	18,590	12,289	5,618	5,390
1965	41,984	20,006	6,700	6,154	9,124	1991	44,092	18,173	12,040	8,571	5,308
1966	30,136	8,712	6,251	4,485	10,688	1992	44,864	18,666	12,321	8,945	4,932
1967	34,338	10,923	7,041	5,277	11,097	1993	42,958	18,831	11,272	8,147	4,708
1968	42,332	10,871	14,961	5,509	10,991	1994	42,161	19,485	11,510	6,484	4,682
1969	43,018	12,918	12,652	6,361	11,087	1995	38,172	16,672	10,738	6,198	4,564
1970	38,397	9,639	11,996	7,189	9,573	1996	36,392	15,225	10,643	5,953	4,571
1971	34,515	9,738	10,392	5,319	9,066	1997	34,826	15,249	9,840	6,123	3,614
1972	39,150	13,093	10,752	6,803	8,502	1998	34,643	15,133	7,882	7,081	4,547
1973	43,809	17,336	10,729	7,695	8,049	1999	32,708	14,692	7,397	6,136	4,483
1974	42,204	17,581	10,072	7,192	7,359	2000	33,930	15,483	7,998	5,960	4,489
1975	43,071	17,312	10,852	8,403	6,504	2001	34,322	15,709	8,349	5,821	4,443
1976	43,903	18,037	10,531	9,174	6,161	2002	34,608	15,985	8,654	5,680	4,289
1977	42,835	17,476	9,647	9,783	5,929	2003	34,203	15,985	8,381	5,161	4,676
1978	43,907	18,711	10,458	8,796	5,942	2004	35,061	17,068	7,694	5,541	4,758

1/ Active duty. Data exclude personnel afloat or temporary shore-based.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Historical Military Personnel and Active Duty Military Personnel by Service by Region/Country, Total DOD - September 30 (annual)
 <<http://www.dior.whs.mil/mmid/military/miltop.htm>> accessed January 23, 2005.

**Table 10.04-- MILITARY PERSONNEL, DEPENDENTS AND FAMILIES,
BY SERVICE AND ISLAND: JULY 1, 2004**

Service and island	Personnel and dependents	Military personnel				Dependents in Hawaii	Military families
		Total	Living ashore		Living aboard ship		
			In hsg. units	In barracks			
State total	98,756	41,700	(NA)	(NA)	6,480	57,056	(NA)
Air Force	10,995	4,844	(NA)	(NA)	-	6,151	(NA)
Oahu	10,956	4,831	(NA)	(NA)	-	6,125	(NA)
Maui	39	13	(NA)	(NA)	-	26	(NA)
Army	45,723	14,976	13,976	1,000	-	30,747	8,665
Oahu	45,675	14,961	13,961	1,000	-	30,714	8,657
Hawaii	48	15	15	-	-	33	8
Coast Guard	2,751	1,431	1,331	60	40	1,320	(NA)
Oahu	2,613	1,357	1,257	60	40	1,256	(NA)
Hawaii	47	23	23	-	-	24	(NA)
Maui	42	19	19	-	-	23	(NA)
Kauai	49	32	32	-	-	17	(NA)
Marine Corps	12,829	7,473	2,620	4,853	-	5,356	2,620
Oahu	12,829	7,473	2,620	4,853	-	5,356	2,620
Navy	1/ 26,458	1/ 12,976	10,473	3,519	6,440	13,482	5,945
Oahu	(NA)	(NA)	10,431	3,485	6,440	13,393	5,903
Kauai	(NA)	(NA)	42	34	-	89	42

NA Not available.

1/ The total number of navy military personnel does not sum to the total of personnel living in housing units, in barracks and aboard ship. This is because navy personnel assigned to ships on a specified date may also have another place to live elsewhere in Hawaii. Therefore, they may be counted more than once in the type of residence columns. Total navy military personnel figure was obtained by adding the Department of Defense military personnel figure as of June 30, 2004 to the number of personnel living aboard ship which is from the DBEDT survey.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; and U.S. Department of Defense, Washington Headquarters *Services, Directorate for Information Operations and Reports, Worldwide Manpower Distribution by Geographical Area (M05)*, June 30, 2004 (Military only) <<http://www.dior.whs.mil/mmmd/M05/hst0406.pdf>> accessed February 4, 2005.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2004**

[As of September 30. Includes personnel performing civil functions, primarily those associated with the Army Corps of Engineers. Excludes Coast Guard]

Year	Total	Active-duty shore-based military personnel 1/	Dependents of active-duty military personnel 2/	Direct-hire civilian personnel
1989	120,905	45,935	54,724	20,246
1990	113,471	41,887	51,727	19,857
1991	113,076	44,092	50,006	18,978
1992	110,428	44,864	47,671	17,893
1993	105,911	42,958	45,612	17,341
1994	99,188	42,161	39,989	17,038
1995	114,139	38,172	58,788	17,179
1996	111,002	36,392	57,786	16,824
1997	109,762	34,826	57,720	17,216
1998	104,018	34,643	52,643	16,732
1999	100,084	32,708	51,063	16,313
2000	100,826	33,930	50,804	16,092
2001	98,895	34,322	48,617	15,956
2002	98,118	34,608	47,002	16,508
2003	96,925	3/ 34,203	46,120	16,602
2004	98,835	35,061	47,198	16,576

1/ Excludes Navy personnel afloat or temporary shore-based, e.g., approximately 7,000 as of September 30, 2003.

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

3/ Revised from previous *Data Book*.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Department of Defense Selected Manpower Statistics* (annual through 1996); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual since 1997) <<http://web1.whs.osd.mil/mmids/pubs.htm>> accessed January 26, 2005.

**Table 10.06-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATIONS:
SEPTEMBER 30, 2004**

Installation or geographic area	Total personnel	Military personnel 1/					Civilian personnel				
		Total	Army	Navy	Marines	Air Force	Total	Army 2/	Navy/ Marine	Air Force	Other defense agencies
State total	51,637	35,061	17,068	7,694	5,541	4,758	16,576	4,302	9,230	1,966	1,078
Aiea	281	260	-	255	-	5	21	-	10	-	11
Barbers Point NAS	213	81	31	50	-	-	132	-	58	25	49
Camp H.M. Smith	1,438	1,110	410	-	410	290	328	-	288	-	40
Ford Island	318	120	79	8	14	19	198	2	15	-	181
Fort Shafter	2,262	925	925	-	-	-	1,337	1,326	-	-	11
Hickam AFB	5,497	3,625	21	11	13	3,580	1,872	5	54	1,691	122
Honolulu	1,662	288	174	84	1	29	1,374	195	1,129	15	35
Kaneohe	7,575	6,988	-	2,010	4,978	-	587	-	516	-	71
Kauai Island	220	87	-	87	-	-	133	-	132	-	1
Kunia	2,172	2,085	594	933	86	472	87	14	70	3	-
Lualualei	107	-	-	-	-	-	107	-	107	-	-
Oahu Island	310	52	-	52	-	-	258	256	-	-	2
Pearl City	355	2	-	2	-	-	353	19	334	-	-
Pearl Harbor	10,951	4,287	157	3,893	38	199	6,664	3	6,294	-	367
Schofield Barracks	12,789	12,264	12,264	-	-	-	525	397	20	-	108
Tripler Army Med Ctr	2,935	1,409	1,404	-	-	5	1,526	1,512	13	-	1
Wahiawa	419	301	-	301	-	-	118	14	94	-	10
Wheeler AFB/Army Fld	1,736	1,138	1006	-	-	132	598	409	12	108	69
Other	397	39	3	8	1	27	358	150	84	124	-

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location. Navy/Marine Corps includes military shore-based personnel and temporary shore-based personnel and excludes those personnel in an afloat duty status. There are approximately 9,000 personnel afloat for Hawaii.

2/ Direct hire civilian personnel include employees involved in civil functions in the Army Corps of Engineers and cemeterial employees

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports "Distribution of Personnel by State and by Selected Locations: September 30, 2004" <http://www.dior.whs.mil/mmid/M02/fy04/M02_2004_Personnel.xls> accessed July 5, 2005

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS, 2004**

[In persons and thousands of dollars. For fiscal year ending September 30]

Personnel or expenditure	Total	Army	Navy & Marine Corps	Air Force	Other defense activities
Total personnel 1/	62,972	27,947	23,984	9,963	1,078
Active duty military	35,061	17,068	13,235	4,758	-
Civilian	16,576	4,302	9,230	1,966	1,078
Reserve & National Guard	11,335	6,577	1,519	3,239	-
Total expenditures	5,135,342	1,685,235	2,266,441	750,488	433,178
Payroll outlays	3,374,038	1,136,682	1,674,886	512,939	49,531
Active duty military	1,865,382	684,200	900,434	280,748	-
Civilian	1,042,127	241,971	631,835	118,790	49,531
Reserve & National Guard	108,850	91,263	5,169	12,418	-
Retired military	357,679	119,248	137,448	100,983	-
Contracts 1/	1,713,912	529,637	584,645	223,409	376,221
Supply & equipment	464,161	24,023	77,460	6,333	356,345
RDT & E 2/	122,652	10,195	47,791	61,042	3,624
Service	814,829	312,143	355,602	130,888	16,196
Construction	304,292	175,298	103,792	25,146	56
Civil function	7,978	7,978	-	-	-
Grants	47,392	18,916	6,910	14,140	7,426

Top Ten Contractors receiving the largest dollar volume of prime contract awards

Contractor name	Amount	Contractor name	Amount
Amerisourcebergen Corporation	214,821	Hawaiian Electric Industries Inc.	42,162
Dick Corporation	125,154	ITT Industries, Inc.	41,727
Tesoro Petroleum Corporation	95,680	The Boeing Company	34,603
Northrop Grumman Corporation	46,069	Peter Kiewit Sons, Inc.	28,458
Nan. Inc.	44,720	Miller/Watts Constructors, Inc.	28,288

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**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS, 2004 -- Con.**

Major locations of expenditures	Total	Payroll outlays	Grants and contracts
Pearl Harbor 3/ Schofield Barracks	1,079,625	921,894	157,731
Honolulu	815,447	529,176	286,271
Hickam Air Force Base	635,782	205,588	430,194
Kaneohe	516,049	330,695	185,354
Fort Shafter	396,042	389,784	6,258
Tripler Army Medical Center	203,742	171,761	31,981
Aiea	171,142	127,346	43,796
Pearl Harbor Naval Shipyard 3/ Camp H.M. Smith	142,787	40,161	102,626
	112,717	-	112,717
	102,525	100,093	2,432
Major locations of personnel	Total military & civilian	Active duty military	Civilian
Schofield Barracks	12,789	12,264	525
Pearl Harbor	10,951	4,287	6,664
Kaneohe	7,575	6,988	587
Hickam Air Force Base	5,497	3,625	1,872
Tripler Army Medical Center	2,935	1,409	1,526
Fort Shafter	2,262	925	1,337
Kunia	2,172	2,085	87
Wheeler AFB/Army Field	1,736	1,138	598
Honolulu	1,662	288	1,374
Camp H.M. Smith	1,438	1,110	328

1/ Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted. Prior to FY 2001, \$25,000 was the reporting minimum and beginning in FY 2001 reporting contracts less than \$25,000 became optional.

2/ RDT&E Research, Development, Test, and Evaluation.

3/ Separate locations are the result of using a valid but slightly different code for procurement than for personnel. For analysis, the two Pearl Harbor locations may be combined.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Atlas/Data Abstract for the United States and Selected Areas: 2004* (forthcoming). See also <<http://www.dior.whs.mil/mmid/pubs.htm>>.

**Table 10.08-- DEFENSE-RELATED APPROPRIATIONS BILL SELECTED
HAWAII-RELATED INITIATIVES: 2005**

[In thousands of dollars. For fiscal year ending September 30. As approved by Senate - House
Conference Committee on July 16, 2004]

Subject	Amount
Total 1/	496,675
U.S. Army, Pacific Command (USARPAC) command, control, communications, computer, and intelligence system (C4I) and PACMERS (funding shared by units throughout the Pacific.)	34,500
Pacific Missile Range Facility (PMRF) – upgrades and equipment	26,875
Maui High Performance Computing Center technology upgrade	15,500
Clinical cancer care partnership	8,500
Military Aviation Museum of the Pacific on Ford Island	8,500
Extra corporeal membrane oxygenation at Tripler Army Medical Center	6,000
Oahu or statewide	162,600
Corrosion prevention and control program for Army and Marine Corps	10,200
Marine Forces Pacific	8,500
Standoff sensor for radionuclide identification	8,000
Littoral Airborne Sensor/Hyperspectral (LASH)	
Anti-submarine warfare	4,300
Mine countermeasures	3,400
Theater Undersea Warfare Initiative (TUSW)	7,600
Center of Excellence for Research in Ocean Studies (CEROS)	7,000
Pacific Air Force (PACAF) server consolidation	6,900
Agile Coalition Environment (ACE)	6,400
Defense dependents education support and school repairs	5,500
Advanced lifting body ship research	5,000
Hawaii Energy and Environmental Technology (HEET)	5,000
Hawaii technology development venture	4,200
Photonics prototyping facility	4,200
Unexploded ordnance detection using airborne ground penetrating radar	4,000
High-performance metal fiber brushes	3,500
Airborne reconnaissance sensors	3,400
Consolidated Undersea Situational Awareness System (CUSAS)	3,400
Hickam Air Force Base Alternative Fuel Vehicles Program	3,400
Hyperspectral data fusion	3,400
Plasma arc/waste to energy production	3,400
Wave Power Demonstration Project	3,400
Army conservation and ecosystem management	3,000
SEE RESCUE distress streamer	3,000
Proton exchange membrane fuel cell trial	2,800
Hawaii National Guard Counterdrug Program	2,700
Flood mitigation at Lualualei	2,600

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**Table 10.08-- DEFENSE-RELATED APPROPRIATIONS BILL
HAWAII-RELATED INITIATIVES: 2005 -- Con.**

Subject	Amount
Oahu or statewide -- Con.	
Integrated aircraft health management	2,600
Live instrumented training	2,600
Pacific-Theater data fusion testbed	2,500
Regional Economic Transition Adjustments (RETA)	2,500
Rockfall mitigation below Tripler Army Medical Center	2,400
Thin layer chromatography	2,100
Interrogator for high-speed retro-reflector communication	2,000
Sea test for towed acoustic arrays	2,000
Other initiatives not shown separately	15,700
Maui	98,250
Maui Space Surveillance System (MSSS)	33,900
PanSTARRS	10,000
High Accuracy Network Determination System (HANDS)	8,500
Pacific-Based Joint Information Technology Center	8,500
Applications of LIDAR to Vehicles with Analysis (ALVA)	8,000
Pacific Disaster Center	7,000
Other initiatives not shown separately	22,350
Kauai	85,800
Pacific Missile Range Facility (PMRF)	28,650
Advanced Integrated Radar Electronics and Photonics (AIREP)	11,600
Common Affordable Radar Processor (CARP)	7,700
Digitization of technical and operational manuals	6,400
Mobile Modular Command Center (M2C2)	6,000
Network Application Integration Facility (NAIF)	6,000
Network centric warfare testbed	5,100
Other initiatives not shown separately	14,350
Health	50,150
Tripler Army Medical Center AKAMAII II, Telemedicine Initiative	23,000
Automated Clinical Practice Guidelines	5,500
Center for Excellence in Disaster Management and Humanitarian Assistance	4,300
Pacific Island Health Care referral	4,250
Tripler eICU Remote Critical Care	4,000
Tissue development on elastin biomatrixes	4,800
HSDI (detection and rapid remote analysis of intestine, lung, and colon cancer)	4,300

1/ On October 5, 2004, President George W. Bush signed H.R.4613 into law PL108-287, the "Department of Defense Appropriations Act, 2005 " <<http://thomas.loc.gov/home/approp/app05.html>> accessed October 15, 2004.

Source: U.S. Senator Daniel K. Inouye Press Release "Conference Panel Approves Nearly Half-Billion Dollars For Defense-Related Initiatives In Hawaii", July 16, 2004 <<http://www.senate.gov/%7Einouye/04pr/20040716pr01.html>> accessed July 17, 2004.

**Table 10.09-- MILITARY CONSTRUCTION APPROPRIATIONS BILL
HAWAII-RELATED INITIATIVES: 2005**

[For fiscal year ending September 30. As approved by Congress on October 11, 2004]

Subject	Amount (\$1,000)	Percent
Total 1/	367,517	100.0
ARMY	307,092	83.6
Helemano Military Reservation	34,300	9.3
Drum Road upgrade, Phase I	27,000	7.3
Tank Trails	7,300	2.0
Pohakuloa Training Area (PTA)	38,000	10.3
West PTA Modifications	30,000	8.2
Saddle Road, Phase III	8,000	2.2
Schofield Barracks	210,792	57.4
Vehicle Maintenance Facility, Phase I	49,000	13.3
Barracks Complex Renewal-Capron Avenue, Phase III	48,000	13.1
Barracks Complex-Quad E, Phase II	36,000	9.8
Combined Arms Collective Training Facility	32,542	8.9
Battle Area Live Fire Complex	32,000	8.7
Qualification Training Range	4,950	1.3
Fire Station	4,800	1.3
Tactical Vehicle Wash Facility	3,500	1.0
Wheeler Army Air Field - Deployment Facility	24,000	6.5
NAVY	5,700	1.6
Pearl Harbor Naval Shipyard - Drydock and Shorepower Imp.	5,100	1.4
Marine Corps Base Hawaii - Kaneohe Bay		
Waterfront Operations Facilities, planning and design	600	0.2
AIR FORCE	51,225	13.9
Hickam Air Force Base	43,725	11.9
Hot Cargo Pad Expansion	11,200	3.0
C-17 Maintenance/Supply Areas	9,000	2.4
Electrical distribution system upgrade	4,500	1.2
C-17 Maintenance Shop Facility	8,200	2.2
C-17 Clear Water Rinse	4,300	1.2
C-17 Support Utilities, Phase II	2,450	0.7
C-17 Munitions Storage	1,950	0.5
Main & Satellite Fire-Crash-Rescue Stations, plng & design	1,340	0.4
Joint Regional Combat Arms Training Center, plng & design	693	0.2
Clear Rinse Facility, planning and design	92	0.0
Maui Space Surveillance Site (MSSS) - Advanced Electro- Optical System (AEOS) - Primary Mirror Coating Facility	7,500	2.0
DEFENSE-WIDE - Pearl Harbor Multi-Product Interface Tank	3,500	1.0

1/ On October 13, 2004, President George W. Bush signed H.R.4837 into law PL108-324, the "Military Construction Appropriations and Emergency Hurricane Supplemental Appropriations Act, 2005".

Source: U.S. Senator Daniel K. Inouye Press Release "Hawaii's Overall Defense Funding Reaches \$865 Million, As Congress Approves \$368 Million For Military Construction. Additional \$7.2 Million in Disaster Relief Goes to Sugar Plantations", October 11, 2004 <<http://www.senate.gov/~inouye/04pr/20041011pr01.html>> accessed October 12, 2004.

Table 10.10-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2001 TO 2004

[As of September 30. Excludes Coast Guard and Navy personnel afloat or temporary shore-based]

Category	All services	Army	Navy	Marine Corps	Air Force
2001					
Total military and dependents	82,939	40,420	20,919	10,755	10,845
Military personnel 1/	34,322	15,709	8,349	5,821	4,443
Family members 2/	48,617	24,711	12,570	4,934	6,402
Command-sponsored	47,011	24,711	11,746	4,255	6,299
Non-command-sponsored	1,606	-	824	679	103
2002					
Total military and dependents	81,610	37,631	22,684	10,478	10,817
Military personnel 1/	34,608	15,985	8,654	5,680	4,289
Family members 2/	47,002	21,646	14,030	4,798	6,528
Command-sponsored	44,137	21,646	12,185	3,881	6,425
Non-command-sponsored	2,865	-	1,845	917	103
2003					
Total military and dependents	80,323	38,199	20,896	9,903	11,325
Military personnel 1/	34,203	15,985	8,381	5,161	4,676
Family members 2/	46,120	22,214	12,515	4,742	6,649
Command-sponsored	42,403	22,214	9,855	3,790	6,544
Non-command-sponsored	3,717	-	2,660	952	105
2004					
Total military and dependents	82,259	39,375	18,845	11,245	12,794
Military personnel 1/	35,061	17,068	7,694	4,758	5,541
Family members 2/	47,198	22,307	11,151	6,487	7,253
Command-sponsored	44,321	22,307	10,357	4,514	7,143
Non-command-sponsored	2,877	-	794	1,973	110

1/ Active duty.

2/ Dependents of active-duty military personnel. Command-sponsorship depends upon whether the family member resides with the member at the duty station, whether the accompanied tour is authorized and meets criteria for funded travel and station allowance.

Source: U.S. Office of the Secretary of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Worldwide Manpower Distribution by Geographical Area, September 30* (annual) <<http://www.dior.whs.mil/mmids/pubs.htm>> accessed January 26, 2005.

**Table 10.11-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,
BY SERVICE: 1982 TO 2004**

[As of September 30. Includes personnel performing military functions, those activities associated with the uniformed services. Personnel are U.S. citizens and are direct-hires unless otherwise noted. Excludes civilian personnel of the Coast Guard]

Year	All services	Army	Navy & Marine Corps	Air Force	Other defense activities
1982	20,090	4,529	12,812	2,642	107
1983	20,244	4,575	12,969	2,595	105
1984	20,800	4,861	13,223	2,605	111
1985	21,259	5,300	13,213	2,626	120
1986	20,753	5,426	12,666	2,526	135
1987	20,682	5,458	12,601	2,501	122
1988	20,557	5,296	12,824	2,317	120
1989	20,246	5,342	12,405	2,378	121
1990	19,857	5,548	11,951	2,244	114
1991	18,978	5,148	11,423	2,199	208
1992	17,893	4,933	10,886	1,431	643
1993	17,341	4,839	10,198	1,398	906
1994	17,038	4,647	9,923	1,371	1,097
1995	17,179	4,820	10,014	1,323	1,022
1996	16,824	4,936	9,564	1,275	1,049
1997	17,216	4,779	9,361	1,951	1,125
1998	16,028	4,437	9,237	1,269	1,085
1999	16,318	4,293	8,864	2,026	1,135
2000	16,723	4,471	8,999	2,074	1,179
2001	16,699	4,455	9,068	2,098	1,078
2002	16,508	4,441	8,925	2,075	1,067
2003	16,602	4,304	9,293	1,961	1,044
2004	16,576	4,302	9,230	1,966	1,078

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Atlas/Data Abstract for the US and Selected Areas* (annual) and for 1994 to 2003 <<http://www.dior.whs.mil/mmid/pubs.htm>> accessed June 29, 2005; 2004, forthcoming.

Table 10.12 -- DIRECT AND INDIRECT IMPACT OF A \$1 BILLION MILITARY EXPENDITURE

[In millions of dollars. Based on interindustry relationships in 1997. Multipliers updated in August 2002. Industries sorted for greatest output impact]

Output category	Amount	Income category	Amount
Total output	1,683.8	Total income	938.4
Federal military government	775.1	Federal military government	669.6
Real estate and rentals	181.5	Real estate and rentals	6.9
Health services	95.7	Health services	46.3
Mining and construction	82.3	Mining and construction	33.1
Finance and insurance	68.2	Finance and insurance	18.5
Retail trade	67.6	Retail trade	28.0
Professional services	60.4	Professional services	24.0
Information	43.4	Information	10.6
Other manufacturing	42.1	Other manufacturing	6.0
Utilities	38.0	Utilities	6.2
Other services	36.6	Other services	13.9
Wholesale trade	32.4	Wholesale trade	12.5
Business services	32.3	Business services	14.5
Transportation	31.5	Transportation	9.6
Eating and drinking	28.1	Eating and drinking	10.0
Other government	20.3	Other government	10.5
Food processing	13.3	Food processing	2.5
Educational services	11.2	Educational services	7.2
Agriculture	10.7	Agriculture	3.9
Arts and entertainment	8.5	Arts and entertainment	3.0
Hotels	4.5	Hotels	1.7

Source: Hawaii State Department of Business, Economic Development & Tourism, *The Hawaii Input-Output Study: 1997 Benchmark Report* (March 2002) <<http://www.hawaii.gov/dbedt/97io/97i-o.pdf>> accessed April 24, 2003, unpublished August 2002 update, and records.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2002 AND 2003**

[In dollars. For fiscal year ending September 30]

Category	2002	2003
Total Federal support for Army National Guard	86,176,553	108,149,322
Total funds provided by National Guard Bureau (Army)	12,009,872	12,882,337
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	74,166,681	95,266,985
National Guard personnel appropriations - Army	25,600,772	23,579,803
Military pay, transportation, and travel	24,773,659	22,357,433
Military uniform	543,851	498,876
Subsistence	283,262	723,494
Oper. and maint., military constr. approp. - Army	1/ 46,885,906	69,982,182
Civilian pay	19,965,806	21,969,853
Transportation and travel - personnel	679,146	805,095
Equipment, supplies, and services	10,064,179	10,415,143
Ground operations	4,633,440	4,509,586
Air operations	2,047,597	1,944,632
Other operating supplies and services	3,383,142	3,960,925
Construction, repairs and utilities	16,176,775	36,792,091
Armory construction	8,135,893	-
Architectural and engineering services	961,376	752,148
Non-armory construction	350,000	28,488,935
Maintenance, repairs and environmental	4,975,233	5,484,544
Utilities	1,754,273	2,066,464
Funded directly by National Guard Bureau (Army)	1,680,000	1,705,000
Oper. & maint. def. approp.-Army Youth CHalleNGe	1,680,000	1,705,000
Total Federal support for Air National Guard	126,519,599	141,661,860
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	101,215,830	115,345,943
National Guard personnel appropriations - Air	1,868,895	2,027,794
Deployments, transportation and travel	1,565,422	1,733,081
Military uniform	145,606	172,343
Subsistence	157,867	122,370
Oper. and maint., military constr. approp. - Air	99,346,353	113,318,149
Civilian pay	43,608,344	49,724,302
Transportation and travel	1,590,332	2,135,411
Personnel/deployments	1,457,653	2,018,031
Equipment and supplies	132,679	117,380
Equipment, supplies and services	52,176,662	60,647,080
Equipment	934,410	1,156,525
Supplies	9,699,773	8,118,793
Depot level reparable	25,861,539	35,067,421
Aviation fuel	11,623,011	11,306,922
Other operating supplies and services	4,057,929	4,997,419

Continued on next page.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2002 AND 2003 -- Con.**

Category	2002	2003
Oper. and maint., military constr. approp. - Air --Con.		
Construction repairs	1,971,015	811,356
Architectural and engineering services	228,203	207,049
Minor construction/major repairs	431,512	19,347
Operations and maintenance agreements	1,311,300	584,960
Funded directly by National Guard Bureau (Air)	25,303,769	26,315,917
Annual training pay	4,162,070	4,328,551
Other active duty pay	2,618,457	2,723,195
Inactive duty training pay	8,867,369	9,222,063
Basic training pay	95,569	99,391
Active Guard Reserve pay	9,560,305	9,942,717

1/ Revised from previous *Data Book*.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year 2002* , p. 31 and, *Ibid 2003*, p. 36; and for 2002 <<http://www.dod.state.hi.us/annualreport.html>> accessed September 23, 2004.

**Table 10.14-- ARMY AND AIR NATIONAL GUARD STRENGTH: 1980 TO 2003;
AND ARMY NATIONAL GUARD, BY ISLAND: 2003**

[Strength as of September 30]

Year	Actual strength			Authorized strength		
	Total	Army National Guard	Air National Guard	Total	Army National Guard	Air National Guard
1980	5,378	3,468	1,910	6,090	4,053	2,037
1981	5,338	3,395	1,943	6,216	4,181	2,035
1982	5,720	3,698	2,022	6,238	4,201	2,037
1983	5,799	3,768	2,031	6,127	4,012	2,115
1984	5,866	3,793	2,073	6,207	3,992	2,215
1985	6,096	3,869	2,227	6,227	4,005	2,222
1986	5,882	3,685	2,197	6,250	4,016	2,234
1987	5,848	3,654	2,194	6,517	4,237	2,280
1988	5,832	3,658	2,174	6,461	4,160	2,301
1989	5,810	3,641	2,169	6,505	4,154	2,351
1990	5,702	3,579	2,123	6,469	4,237	2,232
1991	5,635	3,547	2,088	6,473	4,252	2,221
1992	5,665	3,500	2,165	6,480	4,258	2,222
1993	5,689	3,430	2,259	6,490	4,056	2,434
1994	5,689	3,430	2,259	6,490	4,056	2,434
1995	6,078	3,744	2,334	7,061	4,462	2,599
1996	5,381	2,995	2,386	6,025	3,564	2,461
1997	5,511	3,120	2,391	6,047	3,543	2,504
1998	5,475	3,053	2,422	6,047	3,543	2,504
1999	5,475	3,053	2,422	6,047	3,543	2,504
Year	Total assigned strength		Army National Guard	Air National Guard		
2000	5,415		3,010	2,405		
2001	5,383		2,978	2,405		
2002	5,334		2,914	2,420		
2003	5,233		3,009	2,224		
Oahu	(NA)		2,394	(NA)		
Hawaii	(NA)		386	(NA)		
Kauai	(NA)		94	(NA)		
Maui Island	(NA)		97	(NA)		
Molokai	(NA)		7	(NA)		
Lanai	(NA)		3	(NA)		
On Mainland tours	(NA)		28	(NA)		

NA Not available.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual); for Fiscal Year 1999 to 2002 <<http://www.dod.state.hi.us/annualreport.html>> accessed May 7, 2003.

**Table 10.15-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGES, 1990 TO 2004**

[According to the North American Industrial Classification System (NAICS) adopted in 1997]

Year	Federal Government	Department of Defense	Naval Shipyard
1990	34,200	19,400	(1/)
1991	33,900	18,800	(1/)
1992	33,300	18,100	(1/)
1993	31,800	17,400	(1/)
1994	31,300	16,900	(1/)
1995	31,100	16,800	(1/)
1996	31,100	16,800	(1/)
1997	30,700	16,300	(1/)
1998	30,400	16,000	(1/)
1999	30,300	15,800	(1/)
2000	31,000	15,500	(1/)
2001	30,100	15,650	4,700
2002	30,650	15,850	4,950
2003	31,650	15,800	4,750
2004	31,850	15,600	4,450

1/ New series in 2001. NAICS series data are not available previously.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry"

<https://www.hiwi.org/admin/uploadedPublications/524_CESST90S.PDF> and

<https://www.hiwi.org/admin/uploadedPublications/525_CESST00S.PDF> accessed February 6, 2005.

Table 10.16-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2000 TO 2004

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
2000		
Draft eligible registrants, born 1974-1979	10,387,090	39,002
Born 1980-1981	2,774,511	10,787
Born 1974-1981	13,161,601	49,789
2001		
Draft eligible registrants, born 1976-1981	10,663,983	40,504
Born 1982-1983	2,946,115	10,826
Born 1976-1983	13,610,098	51,330
2002		
Draft eligible registrants, born 1977-1982	11,052,970	43,837
Born 1983-1984	2,716,171	10,589
Born 1977-1984	13,769,141	54,426
2003		
Draft eligible registrants, born 1977-1982	11,454,033	46,994
Born 1983-1984	2,824,003	10,281
Born 1977-1984	14,278,036	57,275
2004		
Draft eligible registrants, born 1979-1984	11,889,604	49,271
Born 1985-1986	2,931,681	10,052
Born 1979-1986	14,821,285	59,323

1/ Almost all male U.S. citizens regardless of where they live, and male immigrant aliens residing in the U.S., are required to be registered with Selective Service if they are at least 18 years old but are not yet 26 years old. They are required to register within 30 days of turning 18.

2/ Including the District of Columbia, Northern Mariana Islands, Virgin Islands, Puerto Rico, Guam, and foreign.

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual) <<http://www.sss.gov/PUBLIC.HTM>> accessed May 3, 2005.

**Table 10.17-- MILITARY PRIME CONTRACT AWARDS,
BY PROGRAM: 2000 TO 2004**

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

Procurement program	2000	2001	2002	2003	2004
Total	1,159,586	1,307,386	1,433,119	1,807,959	1,713,892
Airframes & spares	19,267	-	3,522	12,438	6,314
Aircraft engines & spares	-	-	70	-	-
Other aircraft equipment	925	-	80	897	5,311
Missile & space systems	1,778	4,024	3,374	29,026	38,425
Ships	30,248	52,133	47,775	76,538	96,229
Combat vehicles	-	150	400	400	650
Non-combat vehicles	55	84	72	54	414
Weapons	-	-	-	110	-
Ammunition	-	-	-	-	2
Electronics & communication equip.	30,401	27,869	40,168	49,559	52,447
Petroleum	88,255	109,276	78,593	198,103	97,944
Other fuels and lubricants	696	133	757	379	101
Containers and handling equip.	-	-	88	105	-
Textiles, clothing, & equipage	138	123	136	761	162
Building supplies	-	150	183	-	58
Subsistence	17,382	14,085	16,804	17,510	16,370
Transportation equipment	-	133	79	23	83
Production equipment	80	28	28	97	599
Construction	532,296	601,521	590,958	580,083	531,044
Construction equipment	1,129	144	62	334	-12
Medical & dental supplies & equip.	9,482	14,199	24,261	178,820	221,161
Photographic supplies & equip.	170	2,537	-	52	191
Materials handling equipment	54	39	353	3,008	1,911
All other supplies & equipment	41,024	41,969	92,526	95,759	90,707
Services	386,205	438,789	532,831	563,903	553,779

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Prime Contract Awards by Region and State, FY 2001, 2000 and 1999* and <<http://web1.whs.osd.mil/peidhome/geostats/P06/fy2000/P6Hawaii.HTM>>; and Geographic Statistics, *Prime Contract Awards by State, Awards - State & Major Procurement Program* <<http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2001/P06-P09-State-Maj-Procurement-2001.xls>> <<http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2002/P06-P09-State-Maj-Procurement-2002.xls>> accessed March 27, 2003; <<http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2003/P06-P09-State-Maj-Procurement-2003.xls>> accessed March 10, 2004; and <<http://www.dior.whs.mil/peidhome/geostats/P06-P09/FY2004/P06-P09-State-Maj-Procurement-2004.xls>> accessed March 15, 2005.

**Table 10.18-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY
BRANCH: 1981 TO 2004**

[In thousands of dollars. For fiscal year ending September 30. Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted. Prior to FY 2001, \$25,000 was the reporting minimum and beginning in FY 2001 reporting contracts less than \$25,000 became optional]

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
1985	626,153	255,236	152,782	59,939	158,196
1986	562,843	147,587	160,701	46,484	208,071
1987	461,449	147,561	230,473	61,466	21,949
1988	540,991	156,631	190,418	99,405	94,537
1989	578,733	193,210	258,693	75,489	51,341
1990	511,893	119,568	195,380	83,827	113,118
1991	697,127	218,607	250,164	158,866	69,490
1992	622,728	173,655	282,644	76,366	90,063
1993	631,021	244,275	237,579	59,948	89,219
1994	803,297	263,183	425,998	68,291	45,825
1995	673,640	227,674	308,584	84,201	53,181
1996	928,480	223,284	519,813	106,939	78,444
1997	957,353	248,629	533,037	93,845	81,841
1998	889,607	234,446	456,876	99,963	98,322
1999	984,848	231,622	569,599	92,311	91,316
2000	1,159,586	243,817	618,072	168,587	129,110
2001	1,307,386	384,621	675,948	93,021	153,796
2002	1,433,119	347,108	771,034	156,322	158,655
2003	1,807,956	395,469	713,600	253,196	445,691
2004	1,713,892	529,634	584,625	223,409	376,223

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Atlas/Data Abstract for the United States and Selected Areas* (annual) and for 1995 to 2003 <<http://www.dior.whs.mil/mmids/pubs.htm>> accessed May 14, 2004; and *Ibid*, Geographic Statistics, Prime Contract Awards by State, Awards - State & Major Procurement Program FY 2004 <<http://www.dior.whs.mil/peidhome/geostats/P06-P09/FY2004/P06-P09-State-Maj-Procurement-2004.xls>> accessed March 15, 2005.

**Table 10.19-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY COUNTY, BY DEFENSE COMPONENT: 2001 TO 2004**

[In thousands of dollars. For fiscal year ending September 30. Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted. Prior to FY 2001, \$25,000 was the reporting minimum and beginning in FY 2001 reporting contracts less than \$25,000 became optional]

Procurement program	State	Hawaii	Honolulu	Kauai	Maui
2001	1,307,386	5,967	1,195,820	73,857	31,742
Army	381,608	5,626	365,342	975	9,665
Navy	675,948	361	602,507	72,712	368
Air Force	93,021	95	71,623	170	21,133
Defense Logistics Agency	134,585	-	134,585	-	-
Civil functions: Corps of Eng.	3,013	-115	2,552	-	576
Other defense agencies	19,211	-	19,211	-	-
2002	1,433,119	19,570	1,329,220	55,653	28,676
Army	340,323	10,798	325,702	599	3,224
Navy	771,034	3,048	709,712	55,102	3,172
Air Force	156,322	851	133,995	92	21,384
Defense Logistics Agency	129,250	-	129,333	-82	-
Civil functions: Corps of Eng.	6,785	4,109	1,780	-	896
Other defense agencies	29,405	763	28,699	-57	-
2003	1,807,959	24,356	1,665,659	73,660	44,284
Army	389,203	16,797	362,889	1,504	8,013
Navy	713,601	659	642,310	70,549	84
Air Force	253,198	127	217,596	84	35,391
Defense Logistics Agency	407,652	1,294	404,835	1,523	-
Civil functions: Corps of Eng.	6,262	817	5,444	-	-
Other defense agencies	38,043	4,661	32,585	-	796
2004	1,713,892	36,385	1,569,610	57,246	50,650
Army	521,657	29,276	483,940	1,070	7,371
Navy	584,625	1,050	527,781	55,789	5
Air Force	223,409	-	188,698	76	34,635
Defense Logistics Agency	339,876	-	339,684	192	-
Civil functions: Corps of Eng.	7,978	390	568	19	7,000
Other defense agencies	36,347	5,669	28,940	100	1,638

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Geographic Statistics, Prime Contract Awards by State, Awards - State/County Summary <<http://web1.whs.osd.mil/PEIDHOME/GEOSTATS/geostat.HTM>> accessed January 26, 2005.

Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2000 TO 2003

[In thousands of dollars and percent. Fiscal year ending September 30. Public Law 95-507, as amended, requires large business firms that have received at least one contract over \$500,000, or \$1,000,000 for construction, to establish a subcontracting program]

Procurement program 1/	2000	2001	2002	2003
Hawaii number of contractors	53	47	52	49
Hawaii total contracts	312,355	261,006	336,273	284,976
Large business	129,414	95,577	149,497	100,474
Small business	182,941	165,429	186,776	184,502
Small disadvantaged business	88,388	80,541	80,080	75,168
Women-owned business	50,302	40,228	21,072	30,245
HBCU/MI 1/	-	22	9	162
HUBZone 2/	-	205	1,654	8,402
Veteran-owned	(NA)	-	8,214	8,137
Service-disabled veteran-owned	(NA)	-	43	264
Hawaii contracts as percent of total	100.0	100.0	100.0	35.3
Large business	41.4	36.6	44.5	35.3
Small business	58.6	63.4	55.5	64.7
Small disadvantaged business	28.3	30.9	23.8	26.4
Women-owned business	16.1	15.4	6.3	10.6
HBCU/MI 1/	0.0	(3/)	(3/)	0.1
HUBZone 2/	0.0	0.1	0.5	2.9
Veteran-owned	(NA)	0.0	2.4	2.9
Service-disabled veteran-owned	(NA)	0.0	(3/)	0.1
United States number of contractors	2,154	2,133	2,013	1,983
United States total contracts	54,799,448	60,387,603	75,395,375	86,383,380
Large business	33,216,883	36,948,157	49,696,856	54,450,581
Small business	21,582,565	23,439,446	25,698,519	31,932,800
Small disadvantaged business	2,954,752	2,947,732	3,471,406	4,068,207
Women-owned business	2,342,403	2,469,738	3,275,806	4,165,248
HBCU/MI 1/	10,709	22,049	16,656	30,209
HUBZone 2/	155,525	324,923	551,277	879,640
Veteran-owned	(NA)	504,360	1,563,769	2,078,571
Service-disabled veteran-owned	(NA)	74,784	194,581	296,602

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Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2000 TO 2003 -- Con.

Procurement program 1/	2000	2001	2002	2003
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	60.6	61.2	65.9	63.0
Small business	39.4	38.8	34.1	37.0
Small disadvantaged business	5.4	4.9	4.6	4.7
Women-owned business	4.3	4.1	4.3	4.8
HBCU/MI 1/	(3/)	(3/)	(3/)	(3/)
HUBZone 2/	0.3	0.5	0.7	1.0
Veteran-owned	(NA)	0.8	2.1	2.4
Service-disabled veteran-owned	(NA)	0.1	0.3	0.3

NA Not available.

1/ HBCU/MI Historically Black Colleges and Universities/Minority Institutions.

2/ HUBZone Historically underutilized business zone.

3/ Less than 0.1.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, "Companies Participating in the Department of Defense Subcontracting Program" <<http://web1.whs.osd.mil/PEIDHOME/procstat/procstat.htm>> accessed July 8, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2004

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
Hawaii total		14,528	73,044,549	211,954	152,199	25,995	69,990	50,649	14,653	4,688
Army Active		4,993	27,779,661	143,274	114,889	7,729	26,297	17,841	3,975	4,481
Aliamanu Military Reservation	Honolulu	1,295	4,981,267	603	597	840	139	7	37	95
Dillingham Military Reservation	Waialua	19	11,079	664	628	38	-	-	-	-
Fort De Russey	Honolulu	8	782,755	73	71	169	889	-	12	877
Fort Shafter	Honolulu	354	2,490,691	589	588	731	4,734	2,912	1,275	547
Helemano Military Reservation	Wahiawa	237	1,784,363	290	282	380	595	519	19	57
Kahuku Tng Area	Kahuku	15	22,421	9,480	8,313	25	-	-	-	-
Kilauea Military Reserve	Hilo	89	152,237	72	55	59	118	-	13	105
Kipapa Ammo Storage Site	Waipahu	80	209,297	401	370	78	-	-	-	-
Makua Military Reserve	Waianae	4	4,751	4,195	3,413	17	-	-	-	-
Pohakuloa Training Area	Hilo	167	271,125	107,872	84,816	216	162	12	127	23
Schofield Bks Military Reserve	Wahiawa	1,955	12,240,635	16,674	13,607	3,431	13,228	10,727	1,044	1,457
Signal Cable Trunking System	Wahiawa	44	9,171	201	62	77	-	-	-	-
Tripler Army Medical Center	Honolulu	129	2,212,789	367	358	686	3,577	1,518	1,167	892
USA Field Station Kunia	Kunia	9	272,040	95	34	123	154	13	-	141
Waianae 1/	Waianae	46	46,486	14	13	16	30	-	-	30
Waikakalaua Ammo Storage Tunnels	Mililani	49	104,236	314	313	41	-	-	-	-
Wheeler Army Airfield	Wahiawa	493	2,184,318	1,370	1,369	801	2,671	2,133	281	257
Army Guard		25	428,657	166	166	171	1,515	1,301	29	185
Kalaeloa	Kapolei	15	283,451	147	147	146	1,174	982	10	182
TS Waiawa Gulch	Pearl City	10	145,206	19	19	25	341	319	19	3
Air Force Active		1,731	8,995,397	3,325	3,025	3,326	7,334	5,986	1,331	17
Bellows AFS	Waimanalo	97	139,885	487	410	113	30	26	4	-
Hickam AFB	Honolulu	1,579	8,752,274	2,523	2,515	3,009	7,236	5,911	1,308	17
Hickam Petroleum Products Storage Annex	Wahiawa	18	10,468	151	98	122	-	-	-	-
Kaena Point Satellite Tracking Station	Waialua	25	69,531	153	2	71	20	2	18	-
Kokee AFS	Kekaha	12	23,239	11	-	12	48	47	1	-
Air National Guard		-	-	14	14	14	133	132	1	-
Barking Sands Communication Station	Kekaha	-	-	14	14	14	133	132	1	-

Continued on next page.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2004 -- Con.

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
U.S. Marine Corps Active		1,983	9,996,331	4,668	4,662	3,277	12,280	11,109	1,171	-
MCB Hawaii Kaneohe	Kaneohe	1,776	8,439,329	4,218	4,214	2,868	11,663	10,545	1,118	-
MCB Hawaii Kaneohe (Manana Capehart)	Pearl City	108	270,609	62	62	46	-	-	-	-
MCB Hawaii Kaneohe (Oahu)	Camp H. M. Smith	71	972,051	221	219	298	617	564	53	-
MCB Hawaii Kaneohe (Pearl City Annex)	Pearl City	6	254,960	27	27	40	-	-	-	-
MCB Hawaii Kaneohe (Puuloa - Oahu)	Ewa Beach	22	59,382	140	140	26	-	-	-	-
Navy Active		5,733	25,534,515	28,689	28,019	11,264	21,452	13,331	8,119	2
NS Pearl Harbor	Pearl Harbor	1,702	14,877,167	8,069	8,047	6,874	18,974	11,366	7,606	2
NS Pearl Harbor (Aiea)	Aiea	91	185,389	60	60	122	440	262	178	-
NS Pearl Harbor (Ewa)	Ewa Beach	1,922	3,578,206	3,144	3,130	864	120	108	12	-
NS Pearl Harbor (Kalaeloa)	Barbers Point	450	2,079,518	1,067	1,056	589	134	49	85	-
NS Pearl Harbor (Kunia)	Kunia	-	-	96	96	107	1,213	1,147	66	-
NS Pearl Harbor (Pearl City)	Pearl City	343	1,398,443	286	278	375	9	2	7	-
NS Pearl Harbor (Red Hill)	Honolulu	20	27,777	243	243	654	-	-	-	-
NS Pearl Harbor (Wahiawa)	Wahiawa	307	1,088,882	743	722	356	377	290	87	-
NS Pearl Harbor (Waianae)	Lualualei	445	1,147,788	9,229	9,228	553	-	-	-	-
NS Pearl Harbor (Waikale)	Waipahu	144	461,059	479	478	219	-	-	-	-
NS Pearl Harbor (Waipahu)	Waipahu	24	44,210	1,456	1,456	54	7	-	7	-
PACMISRANFAC Hawaiian Area	Kekaha	272	623,702	2,326	2,104	382	178	107	71	-
PACMISRANFAC Hawaiian Area (Makaha Ridge)	Kokee	13	22,374	245	-	41	-	-	-	-
Caretaker										
Barbers Point CSO	Barbers Point	-	-	1,246	1,121	75	-	-	-	-
Other sites 4/: 32		63	309,989	31,820	1,425	214	979	949	27	3
Army - 8 sites		19	88,092	23,506	33	48	277	266	8	3
Navy - 7 sites		7	8,685	1,295	1,279	16	-	-	-	-
Air Force - 15 sites		37	213,212	633	34	149	702	683	19	-
U.S. Marine Corps - 2 sites		-	-	6,386	79	3	-	-	-	-

1/ This report inventories a total of 95 buildings leased and 855,660 square feet respectively. Of that total, 24 buildings leased and 120,441 square feet are in 'Other' (Navy has 2 and 22,021 and the Air Force has 24 and 120,441), while Waianae has 1 and 637; Barking Sands Communication Station has 4 and 31,016; MCBH Hawaii Kaneohe has 54 and 417,060; NS Pearl Harbor (Kunia) has 10 and 275,180; and NS Pearl Harbor (Wahiawa) has 2 and 11,326, respectively.

2/ PRV or plant replacement value represents the reported cost of replacing the facility and its supporting infrastructure using today's construction cost (labor and material) and standards (methodologies and codes).

3/ Other personnel include any non-appropriated employees, government contractors (if identified) or foreign nationals performing work on the base.

4/ United States locations that do not meet criteria of at least 10 acres and at least \$10 million PRV (plant replacement value).

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report (A Summary of DoD's Real Property Inventory) Fiscal Year 2005 Baseline* <http://www.acq.osd.mil/ie/irm/irm_library/BSR%202005%20Baseline.pdf> accessed June 6, 2005.

**Table 10.22-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR
HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2004**

Location and component	Total	Large 1/	Medium 2/	Small 3/
Hawaii	73	4	1	68
Army	26	1	-	25
Navy	20	1	1	18
Air Force	20	1	-	19
Marine Corps	7	1	-	6
United States	2,569	103	91	2,375
Army	1,271	38	33	1,200
Navy	539	21	26	492
Air Force	677	35	26	616
Marine Corps	81	8	6	67
Washington Headquarters Service	1	1	-	-
Hawaii as percent of the U.S.	2.8	3.9	1.1	2.9
Army	2.0	2.6	-	2.1
Navy	3.7	4.8	3.8	3.7
Air Force	3.0	2.9	-	3.1
Marine Corps	8.6	12.5	-	9.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.584 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.584 billion and greater than or equal to \$845 million.

3/ A small installation has a total plant replacement value (PRV) less than \$845 million and greater than 0. Records with zero or null PRVs are not counted - primarily land records.

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report (A Summary of DoD's Real Property Inventory), Fiscal Year 2005* Baseline <http://www.acq.osd.mil/ie/irm/irm_library/BSR%202005%20Baseline.pdf> accessed June 6, 2005.

**Table 10.23-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS-DESIGNATED PLACES: 2000**

Geographic area	Housing units (count)
Total housing units	460,542
Ahuimanu CDP	2,681
Barbers Point Housing CDP	127
Hickam Housing CDP	1,718
Iroquois Point CDP	1,035
Kaneohe Station CDP	2,388
Schofield Barracks CDP	3,733
Wheeler AFB CDP	855

Source: U.S. Census Bureau, Census 2000 U.S. Housing Unit Count - Hawaii
<<http://quickfacts.census.gov/hunits/states/15000.html>> accessed August 13, 2002.

**Table 10.24-- HOUSING UNITS OWNED BY THE ARMED FORCES, BY
SERVICE AND GEOGRAPHIC AREA: APRIL 1, 1995 TO 1998**

Geographic area	All services	Air Force	Army	Coast Guard	Marine Corps	Navy
1995						
State total	21,060	3,189	8,389	326	2,095	7,061
Oahu	20,971	3,189	8,386	309	2,095	6,992
Other islands	89	-	3	17	-	69
1996						
State total	20,824	2,675	8,641	316	2,095	7,097
Oahu	20,735	2,675	8,638	299	2,095	7,028
Other islands	89	-	3	17	-	69
1997						
State total	20,481	2,659	8,641	316	2,095	6,770
Oahu	20,392	2,659	8,638	299	2,095	6,701
Other islands	89	-	3	17	-	69
1998						
State total	20,616	2,659	8,847	342	2,041	6,727
Oahu	20,527	2,659	8,844	325	2,041	6,658
Other islands	89	-	3	17	-	69

Source: Hawaii State Department of Business, Economic Development & Tourism, *Statistical Report 230, Housing Unit Estimates for Hawaii, 1980-1995* (September 1996) and survey of local housing agencies.

**Table 10.25-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS:
JANUARY 2005**

[Numbers of units are approximate. The MHPI is a 50-year public-private partnership as authorized under the National Defense Authorization Act for Fiscal Year 1996 to facilitate upgrade and maintenance of the inventory of military housing units]

Component, location and condition	Number of dwelling units
Total dwelling units participating	16,396
Army - Residential Communities Initiative - Total 1/	7,704
Oahu South - Honolulu	3,111
Aliamanu Military Reservation	2,018
Tripler Army Medical Center	216
Fort Shafter	559
Addendum: U.S. Coast Guard Kia'i Kai Hale 2/	318
Oahu North - Pearl Harbor	4,911
Wheeler Army Airfield - approximate	657
Schofield Barracks	3,366
Helemano Military Reservation	888
Air Force - Total 3/	1,356
Capehart - conduct minor renovation	354
Capehart - construct new units	104
Capehart - conduct major renovation	66
Earhart - construct new units	646
Earhart - conduct minor renovation	186
Navy/Marine - Public-private partnership - Total	7,336
Navy/Marine - Phase 1 4/	1,948
Halsey Terrace	475
Hokulani	190
McGrew Point	130
Radford Terrace	401
Moanalua Terrace	752
Navy/Marine - Future Phase 2	1,002
Catlin Park	370
Halawa	80
Hale Moku	318
Doris Miller Park	214
Maloelap	20

Continued on next page.

**Table 10.25-- MILITARY HOUSING PRIVATIZATION INITIATIVE
PROJECTS: JANUARY 2005 -- Con.**

Component, location and condition	Number of dwelling units
Navy/Marine - Future Phase 3	2,050
Camp Stover	200
Manana, Navy	79
Pearl City	850
Marine Barracks	11
Ford Island	600
Hale Ali'i	14
Makalapa	107
L'il Makalapa	30
Hospital Point	19
NCTAMS	140
Navy/Marine - Future Phase 4	2,336
Kaneohe Bay - approximate number	2,336

1/ A January 2002 estimate indicated the FY2002 project at Ft. Shafter/Schofield will encompass 8,178 homes. In early August 2003, the U.S. Army announced selection of Actus Lend Lease LLC.

2/ There is an option for 318 units of U.S.Coast Guard housing to be included in the Army's RCI project.

3/ As of September, 2003 the U.S. Air Force planned to privatize 1,356 housing units and retain 1,284. On October 3, 2003 the U.S. Air Force announced selection of Napa, California-based Actus Lend Lease LLC as development partner. The original agreement had been challenged in court and renegotiation ordered. Subsequently, the renegotiated contract for Phase 1 was signed on February 1, 2005. Initial Hickam development work estimated at \$197 million is expected to start in May 2005 and be completed by January 2010.

4/ On September 26, 2003, the U.S. Navy Region Hawaii announced selection of development team Hawaii Military Communities LLC (HMC) - a partnership of Ohio-based Forest City Enterprises Inc., Texas-based C.F. Jordan LP and 19 Hawaii companies. HMC has entered into negotiations with the Navy for Phase 1. The cost is estimated at \$358 million for construction, renovation and demolition and for amenities such as community centers, landscaping and street improvements. The plan includes 10 management homes for a total of 1,958 where 918 will be replaced and 1,040 will be renovated.

Source: Building Industry Association of Hawaii "Military Housing Privatization Initiative in Hawaii" Forum Presentation, June 18, 2003 <<http://biahawaii.inets.com/docs/webdocs/RTC/BIA0306171.pdf>> accessed July 17, 2003; Hawaii Military Communities News Release, September 26, 2003 <<http://www.hawaiimilitarycommunities.com/press/press1.pdf>> accessed October 7, 2003; Honolulu Advertiser "Actus wins \$1.1B Air Force contract" (October 4, 2003) <<http://the.honoluluadvertiser.com/article/2003/Oct/04/bz/bz02a.html>> accessed October 4, 2003; Actus Lend Lease Community Development "Our Island Projects" <http://www.lendleaseactus.com/llweb/all/main.nsf/all/commdev_whereweare_hawaii_islandproj?opendocument> accessed June 30, 2005; Pacific Business News "Military Housing projects Will Create 600-800 Jobs" (February 4, 2005); U.S. Air Force, "Hickam AFB - Housing Privatization Fact Sheet September 2003" <[http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20\(Jun%2003\)%20sans%2036%20units.doc](http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20(Jun%2003)%20sans%2036%20units.doc)> accessed October 8, 2003, and "Hickam AFB Housing Privatization Fact Sheet, January 2005" <[http://www2.hickam.af.mil/housing/privmh/February%202005%20Fact%20Sheet%20\(1-8-04\).doc](http://www2.hickam.af.mil/housing/privmh/February%202005%20Fact%20Sheet%20(1-8-04).doc)> accessed June 28, 2005; Hickam Housing Privatization <<http://www2.hickam.af.mil/housing/privmh/home.htm>> accessed June 30, 2005; U.S. Navy Region Hawaii News Release "PPV contractor announced" <http://www.hnn.navy.mil/ppv_031003.htm> accessed October 10, 2003.

**Table 10.26-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING
RATES, BY COUNTY: 2005**

[In dollars. For fiscal year ending September 30. Total housing costs are calculated for six housing profiles based on dwelling type and number of bedrooms, in each military housing area. Basic Allowances for Housing rates are then calculated for each pay grade, with and without dependents]

Code 1/	With dependents				Without dependents			
	Maui County 2/	Honolulu County 2/	Hawaii County 2/	Kauai County 2/	Maui County 2/	Honolulu County 2/	Hawaii County 2/	Kauai County 2/
E01	1,706	1,698	1,578	1,551	1,244	1,161	926	1,199
E02	1,706	1,698	1,578	1,551	1,244	1,161	926	1,199
E03	1,706	1,698	1,578	1,551	1,244	1,161	926	1,199
E04	1,706	1,698	1,578	1,551	1,244	1,161	926	1,199
E05	1,844	1,773	1,643	1,680	1,463	1,472	1,321	1,349
E06	2,282	1,922	1,773	1,941	1,588	1,633	1,522	1,440
E07	2,448	2,089	1,873	2,076	1,716	1,703	1,582	1,560
E08	2,630	2,274	1,982	2,224	1,930	1,802	1,669	1,731
E09	2,793	2,496	2,086	2,375	2,066	1,849	1,709	1,812
W01	2,285	1,925	1,775	1,943	1,654	1,670	1,553	1,502
W02	2,522	2,165	1,917	2,136	1,928	1,802	1,668	1,730
W03	2,743	2,388	2,050	2,316	2,079	1,853	1,713	1,820
W04	2,812	2,538	2,100	2,397	2,323	1,964	1,798	1,975
W05	2,891	2,711	2,158	2,491	2,488	2,130	1,897	2,108
O01E	2,484	2,126	1,894	2,105	1,844	1,773	1,643	1,680
O02E	2,710	2,355	2,030	2,289	2,035	1,838	1,700	1,794
O03E	2,824	2,565	2,109	2,412	2,282	1,922	1,773	1,941
O01	1,894	1,790	1,658	1,710	1,569	1,623	1,513	1,422
O02	2,272	1,919	1,770	1,935	1,797	1,747	1,621	1,636
O03	2,735	2,380	2,045	2,309	2,125	1,868	1,726	1,847
O04	2,924	2,784	2,182	2,531	2,465	2,107	1,883	2,090
O05	3,053	3,066	2,276	2,683	2,575	2,218	1,949	2,179
O06	3,078	3,091	2,295	2,705	2,743	2,388	2,050	2,316
O07	3,114	3,127	2,322	2,737	2,798	2,436	2,091	2,362

1/ E indicates enlisted; W, warrant officer; OE, commissioned officer with more than 4 years active duty service as an enlisted member or Warrant Officer; and O, officer. The number indicates the grade. The higher number the higher the rank.

2/ Military Housing Area code for Maui County is HI407; Honolulu County, HI408; Hawaii County, HI409; and Kauai County, HI414.

Source: U.S. Department of Defense, News Release No. 1290-04 "2005 Basic Allowances For Housing Rates Announced", December 14, 2004 <<http://www.defenselink.mil/releases/2004/nr20041214-1825.html>> and <<http://www.defenselink.mil/news/Dec2004/d20041214bahrates.pdf>> accessed December 14, 2004.

**Table 10.27-- VETERAN STATUS OF CIVILIANS 16 YEARS AND OVER:
1980, 1990 AND 2000 TO 2003**

Veteran status	1980	1990	2000 1/	2001	2002	2003
Civilians 16 and over	665,036	801,517	878,220	(NA)	(NA)	(NA)
Veterans	103,774	119,256	120,587	102,000	116,000	115,000
Male veterans	98,633	112,011	111,431	96,000	107,000	106,000
Female veterans	5,141	7,245	9,156	6,000	9,000	9,000
War veterans 2/	85,322	87,301	(NA)	73,000	3/ 87,000	86,000
Persian Gulf War	(X)	(X)	(NA)	9,000	18,000	18,000
Vietnam era	38,136	41,860	3/ 41,630	34,000	42,000	41,000
Korean conflict	22,351	22,362	18,000	12,000	17,000	16,000
World War II	32,156	30,187	22,561	18,000	19,000	18,000
World War I	854	132	(4/)	(4/)	(4/)	(4/)
Peacetime only	18,452	31,955	(NA)	29,000	29,000	29,000
Nonveterans	561,262	682,261	757,633	(NA)	(NA)	(NA)

NA Not available.

X Not applicable.

1/ Civilian population 18 years and over.

2/ Detail adds to more than subtotal because some veterans served in more than one war.

3/ Revised from previous *Data Book* .

4/ Less than 100.

Source: Hawaii State Department of Defense, Office of Veterans Affairs, records; U.S. Census Bureau, *1980 Census of Population, PC80-1-D13* , table 204; *1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13* (Sept. 1993), table 23; 1990 Census of Population tapes tabulated by Hawaii State Data Center; *Statistical Abstract of the United States* Section 10, National Defense and Veterans Affairs (annual) <<http://www.census.gov/statab/www/>> accessed February 15, 2005; U.S. Department of Veterans Affairs "Census 2000: Period of Military Service for Civilian Veterans 18 Years and Over" <<http://www.va.gov/vetdata/Census2000/CenData/pos.pdf>> and "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over" <<http://www.va.gov/vetdata/Census2000/CenData/agesexdata.xls>> accessed June 23, 2004.

Table 10.28-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2000

[As of April 1]

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total	917,212	209,279,149	0.44
18 to 64 years	756,071	174,300,177	0.43
In Armed Forces	38,992	1,148,797	3.39
Civilian:	717,079	173,151,380	0.41
Veteran	79,828	16,740,194	0.48
Nonveteran	637,251	156,411,186	0.41
65 years and over	161,141	34,978,972	0.46
In Armed Forces	-	-	-
Civilian:	161,141	34,978,972	0.46
Veteran	40,759	9,663,509	0.42
Nonveteran	120,382	25,315,463	0.48
Male	456,895	100,909,272	0.45
18 to 64 years	385,282	86,526,902	0.45
In Armed Forces	34,329	985,393	3.48
Civilian:	350,953	85,541,509	0.41
Veteran	72,148	15,494,594	0.47
Nonveteran	278,805	70,046,915	0.40
65 years and over	71,613	14,382,370	0.50
In Armed Forces	-	-	-
Civilian:	71,613	14,382,370	0.50
Veteran	39,283	9,315,855	0.42
Nonveteran	32,330	5,066,515	0.64
Female	460,317	108,369,877	0.42
18 to 64 years	370,789	87,773,275	0.42
In Armed Forces	4,663	163,404	2.85
Civilian:	366,126	87,609,871	0.42
Veteran	7,680	1,245,600	0.62
Nonveteran	358,446	86,364,271	0.42
65 years and over	89,528	20,596,602	0.43
In Armed Forces	-	-	-
Civilian:	89,528	20,596,602	0.43
Veteran	1,476	347,654	0.42
Nonveteran	88,052	20,248,948	0.43

Source: U.S. Department of Veterans' Affairs, "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over"

<<http://www.va.gov/vetdata/Census2000/CenData/agesexdata.xls>> accessed June 23, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.29- SELECTED VETERANS' BENEFITS AND COMPENSATION
EXPENDITURES FOR HAWAII AND THE UNITED STATES: 2002**

[In number and thousands of dollars]

Category	Hawaii	United States
Total of Selected Expenditures (\$1,000)	245,457	53,968,143
Total Readjustment Benefits 1/	13,608	1,964,928
Education Assistance		
Post-Vietnam Conflict (Chapter 32) (\$1,000)	11	2,384
Montgomery GI Bill		
Active Duty Chapter 30 Trained during fiscal year	1,788	272,865
Amount (\$1,000)	7,552	1,045,175
Selected Reserve Chapter 1606 Trained during fiscal year	869	80,152
Amount (\$1,000)	929	128,587
Dependents Educational Assistance (Title 38, U.S.C., Ch. 35)		
Trained during fiscal year - Sons & daughters	243	44,779
Trained during fiscal year - Widow(er)s & spouses	47	7,021
Amount (\$1,000)	1,257	222,471
Vocational Rehabilitation (Title 38, U.S.C., Ch 31)		
Trained during fiscal year	362	53,180
Amount (\$1,000)	1,498	472,072
Automobiles & other conveyances for disabled veterans (\$1,000)	28	29,823
Specially adapted housing for disabled veterans (\$1,000)	134	15,448
Insurance & indemnities (\$1,000)	16,033	1,896,269
Hospital domiciliary & other construction (\$1,000)	68	437,027
Medical services & admin costs (\$1,000)	91,615	24,763,358
Compensation and Pension		
Living and Deceased Veterans		
Number	15,025	3,201,892
Amount (\$1,000)	124,133	24,906,560
Burial benefits	308	67,200
Service-connected Number	13,958	2,656,929
Amount (\$1,000)	116,980	21,817,867
Nonservice-connected Number	1,067	544,963
Amount (\$1,000)	6,845	2,988,768
Living veterans		
Number	13,292	2,689,784
Amount (\$1,000)	105,337	20,523,256
Service-connected Number	12,540	2,359,812
Amount (\$1,000)	99,706	18,183,032
Nonservice-connected Number	752	329,972
Amount (\$1,000)	5,631	2,340,224
Deceased veterans		
Number	1,733	512,108
Amount (\$1,000)	18,488	4,283,379
Service-connected Number	1,418	297,117
Amount (\$1,000)	17,274	3,634,835
Nonservice-connected Number	315	214,991
Amount (\$1,000)	1,214	648,544

1/ State totals include expenditures not shown in program categories.

Source: U.S. Department of Veterans' Affairs, *FY 2002 Annual Accountability Report Statistical Appendix*, Table 22
"Estimated Selected Expenditures by State, FY 2002" <<http://www.va.gov/vetdata/ProgramStatics/>> accessed July 22, 2003.

**Table 10.30-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES,
BY COUNTY AND CONGRESSIONAL DISTRICT: 2004**

[In number of persons and thousands of dollars. Fiscal year ending September 30. Congressional districts are for the 108th Congress and the district designation, whether 1st or 2nd, is indicated within parentheses]

Subject	State Total	Hawaii (2nd)	City & County of Honolulu			Kalawao (2nd)	Kauai (2nd)	Maui (2nd)	Total	
			Total	(1st)	(2nd)				(1st)	(2nd)
Veteran population 1/	107,310	14,323	77,341	54,628	22,712	5	5,334	10,307	54,628	52,682
Total expenditures	311,473	43,721	231,637	168,004	63,633	2	12,158	23,954	168,004	143,469
Compensation and pension	150,863	23,479	109,090	76,679	32,411	-	5,968	12,326	76,679	74,184
Education and vocational rehab	21,251	1,158	19,450	13,673	5,778	-	150	493	13,673	7,578
Insurance and indemnities	15,979	2,105	11,684	8,214	3,471	-	754	1,436	8,214	7,765
Construction and related costs	1,791	-	1,791	1,791	-	-	-	-	1,791	-
General operating expenses	8,645	-	8,645	8,645	-	-	-	-	8,645	-
VA medical care										
Total unique patients 2/	17,742	2,920	12,268	8,927	3,341	2	1,018	1,534	8,927	8,815
Medical expenditures 3/	112,944	16,980	80,976	59,002	21,974	2	5,286	9,700	59,002	53,941

1/ Veteran population estimated as of September 30, 2004. Source obtained data from Office of the Actuary, Department of Veterans Affairs.

2/ The count of unique patients includes non-veterans who received medical care at the Veterans' Administration.

3/ Medical expenditures represent cost assigned to each patient based on services provided and overhead distribution.

Source: U.S. Department of Veteran Affairs, Veteran Data & Information, Expenditure Data by Locality, Geographic Distribution of VA Expenditures (GDx) <<http://www.va.gov/vetdata/GeographicInformation/index.htm>> accessed April 25, 2005 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.31-- MILITARY PERSONNEL, AND MILITARY PERSONNEL OVER 65 YEARS OLD, RECEIVING AND NOT RECEIVING RETIRED PAY FROM THE DEPARTMENT OF DEFENSE: 2004

[As of September 30]

Service	Number of personnel		Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
	Retired 1/	Paid by DOD		
Department of Defense	14,976	13,925	24,436	1,755
By rank				
Officers	4,221	4,166	11,659	2,798
Nondisabled and reserve	4,048	4,016	11,286	2,810
Disabled	173	150	373	2,485
Enlisted	10,755	9,759	12,777	1,309
Nondisabled and reserve	9,846	9,351	12,446	1,331
Disabled	909	408	331	812
By branch of service 3/				
Army	5,526	5,056	8,277	1,637
Navy	4,296	4,030	7,403	1,837
Marine Corps	1,013	920	1,915	2,081
Air Force	4,141	3,919	6,841	1,746
Coast Guard 3/	292	284	474	1,670
Department of Defense, Over 65	6,712	6,088	11,001	1,807
By rank				
Officers	2,242	2,204	6,071	2,755
Nondisabled and reserve	2,153	2,121	5,818	2,743
Disabled	89	83	253	3,053
Enlisted	4,470	3,884	4,930	1,269
Nondisabled and reserve	4,216	3,753	4,784	1,275
Disabled	254	131	146	1,112
By branch of service 3/				
Army	3,000	2,739	4,351	1,589
Navy	1,443	1,276	2,704	2,119
Marine Corps	363	335	790	2,359
Air Force	1,906	1,738	3,155	1,816
Coast Guard 3/	120	114	207	1,814

1/ Number retired includes, in addition to "number paid by DOD", retirees whose net pay is zero or less after any survivor benefit premium deductions and/or various other offsets such as Veterans Administration payments.

2/ The monthly amount of payment (net pay) is before deductions for withholding taxes and allotments, but after deductions for survivor benefits, waivers to obtain benefits from the Veterans Administration.

3/ Payments made by the U.S. Department of Transportation, shown for informational purposes only, and not included in the Department of Defense totals.

Source: U.S. Department of Defense, Office of the Actuary, *FY 2004 DOD Statistical Report on the Military Retirement System* (forthcoming, June 2005 <<http://www.defenselink.mil/actuary/>>) records and calculations by Hawaii State Department of Business, Economic Development & Tourism.