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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: 2012* 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 2011

[As of June 30 for 1953 to 1956; as of September 30 for 1957 and thereafter. 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	1983	44,651	17,466	12,671	7,926	6,588
1954	23,654	7,957	6,443	4,155	5,099	1984	47,648	19,222	12,960	8,703	6,763
1955	40,258	19,821	5,211	9,677	5,549	1985	46,875	18,262	12,722	9,192	6,699
1956	37,470	16,531	5,237	9,490	6,212	1986	46,122	18,153	12,938	8,752	6,279
1957	40,683	17,511	5,466	9,608	8,098	1987	47,262	18,905	12,975	9,263	6,119
1958	35,076	14,672	4,908	8,670	6,826	1988	45,843	18,170	12,479	9,365	5,829
1959	36,310	15,438	5,309	8,470	7,093	1989	45,935	18,788	12,403	9,179	5,565
1960	35,412	15,492	5,687	7,756	6,477	1990	41,887	18,590	12,289	5,618	5,390
1961	39,474	16,945	5,774	9,679	7,076	1991	44,092	18,173	12,040	8,571	5,308
1962	41,657	17,645	6,664	9,903	7,445	1992	44,864	18,666	12,321	8,945	4,932
1963	40,610	16,589	6,545	9,950	7,526	1993	42,958	18,831	11,272	8,147	4,708
1964	45,046	18,566	6,777	10,613	9,090	1994	42,161	19,485	11,510	6,484	4,682
1965	41,984	20,006	6,700	6,154	9,124	1995	38,172	16,672	10,738	6,198	4,564
1966	30,136	8,712	6,251	4,485	10,688	1996	36,392	15,225	10,643	5,953	4,571
1967	34,338	10,923	7,041	5,277	11,097	1997	34,826	15,249	9,840	6,123	3,614
1968	42,332	10,871	14,961	5,509	10,991	1998	34,643	15,133	7,882	7,081	4,547
1969	43,018	12,918	12,652	6,361	11,087	1999	32,708	14,692	7,397	6,136	4,483
1970	38,397	9,639	11,996	7,189	9,573	2000	33,930	15,483	7,998	5,960	4,489
1971	34,515	9,738	10,392	5,319	9,066	2001	34,322	15,709	8,349	5,821	4,443
1972	39,150	13,093	10,752	6,803	8,502	2002	34,608	15,985	8,654	5,680	4,289
1973	43,809	17,336	10,729	7,695	8,049	2003	34,203	15,985	8,381	5,161	4,676
1974	42,204	17,581	10,072	7,192	7,359	2004	35,061	17,068	7,694	5,541	4,758
1975	43,071	17,312	10,852	8,403	6,504	2005	32,629	15,458	6,524	5,796	4,851
1976	43,903	18,037	10,531	9,174	6,161	2006	34,935	18,687	6,080	5,050	5,118
1977	42,835	17,476	9,647	9,783	5,929	2007	34,838	19,867	5,595	4,483	4,893
1978	43,907	18,711	10,458	8,796	5,942	2008	37,847	21,554	5,320	6,306	4,667
1979	45,408	17,446	10,562	11,397	6,003	2009	36,890	21,267	5,472	5,574	4,577
1980	43,313	17,118	10,976	9,277	5,942	2010	38,755	22,186	5,402	6,532	4,635
1981	44,141	17,962	10,948	9,070	6,161	2011	42,371	22,895	8,630	5,905	4,941
1982	44,470	17,457	11,880	8,926	6,207						

1/ Exclude personnel afloat or temporary shore-based, but include deployed for Operations Iraqi Freedom, Enduring Freedom, and New Dawn.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Historical Military

Personnel and Active Duty Military Personnel by Service by Region/Country, Total DOD - September 30 (annual)

<<http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm>> accessed February 2, 2012.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2011**

[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	34,203	46,120	16,602
2004	98,835	35,061	47,198	16,576
2005	102,200	32,629	53,264	16,307
2006	(3/)	34,935	(3/)	17,079
2007	(3/)	34,838	(3/)	16,403
2008	(3/)	37,847	(3/)	17,340
2009	(3/)	36,890	(3/)	18,400
2010	(3/)	38,755	(3/)	(3/)
2011	(3/)	42,371	(3/)	(3/)

1/ Excludes Navy personnel afloat or temporary shore-based, e.g., approximately 6,000 as of September 30, 2006. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

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

3/ The DOD report containing number of dependents has not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1. The DOD report containing the number of civilians has not been issued since FY2009. See Sections 9 and 12 for estimates by other sources.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Department of Defense Selected Manpower Statistics* (annual through 1996); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual 1997 to 2005); *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm>> accessed February 2, 2012; and *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed July 13, 2010.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:
SEPTEMBER 30, 2009**

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	59,274	40,874	22,435	7,616	6,026	4,797	18,400	5,532	9,605	2,188	1,075
Aiea	428	329	3	323	-	3	99	-	89	-	10
Barbers Point NAS	187	66	1	64	-	1	121	3	28	26	64
Camp H.M. Smith	1,457	1,080	-	-	853	227	377	-	343	27	7
Ford Island	486	314	19	295	-	-	172	1	101	-	70
Fort Shafter	1,302	36	32	-	-	4	1,266	1,248	-	1	17
Hickam AFB	6,369	4,262	1	9	35	4,217	2,107	2	99	1,880	126
Honolulu	22,768	21,738	21,627	70	-	41	1,030	194	720	14	102
Kaneohe	6,423	5,729	6	796	4,926	1	694	-	622	-	72
Kauai Island	217	73	-	73	-	-	144	1	141	-	2
Kunia	1,851	1,734	1	1,597	135	1	117	43	72	2	-
Oahu Island	237	37	-	37	-	-	200	194	6	-	-
Pearl City	366	9	6	2	-	1	357	38	319	-	-
Pearl Harbor	6,700	3,854	1	3,696	75	82	2,846	3	2,406	-	437
Schofield Barracks	1,838	591	591	-	-	-	1,247	1,109	-	-	138
Tripler Army Med. Ctr.	2,043	18	-	15	-	3	2,025	2,015	10	-	-
Wahiawa	796	663	28	635	-	-	133	11	108	-	14
Wheeler AFB/Army Fld	722	173	1	-	-	172	549	421	-	112	16
Other	5,084	168	118	4	2	44	4,916	249	4,541	126	-

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location and personnel on temporary duty (TDY) may be reported at their assigned location. Navy/Marine Corps includes military shore-based personnel and temporary shore-based personnel and beginning with FY 2005 state locations also include those personnel in an afloat duty status. There are approximately 6,000 personnel afloat for Hawaii.

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

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Distribution of Personnel by State and by Selected Locations (M2), September 30, 2009, "DoD Military and Civilian Personnel by State - September 30, 2009"

<<http://siadapp.dmdc.osd.mil/personnel/M02/fy09/09top.htm>> accessed October 5, 2010.

Table 10.06-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES, BY STATE: 2009

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

State	Total expenditures	Total payroll outlays	Civilian pay	Military active duty pay	Reserve & National Guard pay	Retired military pay	Total contracts 1/	Grants
U. S. total	527,824,146	195,170,178	49,735,662	84,459,939	22,758,996	38,215,581	327,461,911	5,192,057
Hawaii	8,800,669	6,344,467	1,163,627	4,529,364	315,642	335,834	2,377,271	78,931
Hawaii as % of U.S.	1.7	3.3	2.3	5.4	1.4	0.9	0.7	1.5
Alabama	14,291,629	4,723,956	1,808,239	1,254,790	617,055	1,043,872	9,501,617	66,056
Alaska	4,888,348	2,659,561	321,206	2,077,719	90,592	170,044	2,180,004	48,783
Arizona	15,308,486	3,137,634	626,966	1,262,572	180,724	1,067,372	12,064,904	105,948
Arkansas	2,673,622	1,621,707	235,881	435,036	518,376	432,414	985,545	66,370
California	56,742,620	14,568,458	4,570,024	5,182,809	1,391,094	3,424,531	41,697,621	476,541
Colorado	10,725,693	5,125,122	786,177	2,965,503	285,229	1,088,213	5,544,160	56,411
Connecticut	12,638,248	720,299	184,190	198,163	149,873	188,073	11,817,700	100,249
Delaware	876,158	536,758	98,410	216,219	74,623	147,506	315,358	24,042
District of Columbia	8,406,175	3,599,245	1,508,947	1,906,999	124,189	59,110	4,740,563	66,367
Florida	22,802,179	9,417,919	1,942,655	2,816,465	826,134	3,832,665	13,188,889	195,371
Georgia	18,607,996	11,494,647	2,288,362	6,668,434	868,244	1,669,607	7,039,405	73,944
Hawaii	8,800,669	6,344,467	1,163,627	4,529,364	315,642	335,834	2,377,271	78,931
Idaho	934,634	709,220	100,861	261,607	116,236	230,516	166,118	59,296
Illinois	9,237,211	3,128,538	1,069,790	738,269	680,329	640,150	5,936,547	172,126
Indiana	9,188,013	2,338,121	705,646	350,647	905,556	376,272	6,795,168	54,724
Iowa	2,089,452	747,256	102,185	140,071	321,928	183,072	1,285,344	56,852
Kansas	6,867,835	3,667,675	471,455	2,465,253	334,444	396,523	3,158,303	41,857
Kentucky	12,285,425	5,680,752	508,305	4,339,243	391,231	441,973	6,534,291	70,382
Louisiana	9,149,589	2,688,149	414,120	1,417,143	410,608	446,278	6,407,579	53,861
Maine	2,382,017	846,681	440,345	113,348	87,175	205,813	1,407,038	128,298
Maryland	19,926,029	6,537,841	2,995,038	2,012,820	421,636	1,108,347	12,911,613	476,575
Massachusetts	15,081,759	1,490,630	539,474	319,863	312,302	318,991	13,347,134	243,995
Michigan	7,288,503	1,826,987	705,769	263,638	437,538	420,042	5,331,864	129,652

Continued on next page.

**Table 10.06-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES,
BY STATE: 2009 -- Con.**

State	Total expenditures	Total payroll outlays	Civilian pay	Military active duty pay	Reserve & National Guard pay	Retired military pay	Total contracts 1/	Grants
Minnesota	2,806,926	1,208,062	177,452	206,036	557,666	266,908	1,529,964	68,900
Mississippi	5,689,655	2,224,346	585,976	629,352	558,821	450,197	3,447,072	18,237
Missouri	14,281,251	3,786,836	586,610	1,310,799	1,268,807	620,620	10,453,949	40,466
Montana	853,639	540,644	91,395	187,506	110,398	151,345	288,759	24,236
Nebraska	2,142,336	1,151,981	250,642	434,949	198,307	268,083	931,306	59,049
Nevada	3,268,456	1,414,606	143,070	600,019	151,343	520,174	1,818,505	35,345
New Hampshire	2,014,350	410,882	74,277	73,429	78,753	184,423	1,567,821	35,647
New Jersey	11,019,807	2,671,220	1,290,072	543,053	507,311	330,784	8,226,697	121,890
New Mexico	3,270,536	1,626,461	483,878	571,288	148,491	422,804	1,604,488	39,587
New York	13,562,174	4,818,679	784,658	2,701,191	782,279	550,551	8,544,864	198,631
North Carolina	14,677,953	10,558,150	1,210,521	7,012,462	729,587	1,605,580	3,994,861	124,942
North Dakota	1,100,340	630,939	108,116	335,954	110,138	76,731	437,227	32,174
Ohio	10,256,353	3,834,470	1,824,865	640,496	609,867	759,242	6,249,462	172,421
Oklahoma	7,103,675	4,099,633	1,339,260	1,678,570	496,151	585,652	2,880,203	123,839
Oregon	2,695,604	1,051,047	231,630	140,868	300,719	377,830	1,545,991	98,566
Pennsylvania	16,789,144	4,210,386	1,788,532	574,034	1,011,822	835,998	12,362,728	216,030
Rhode Island	1,431,162	743,035	391,187	120,400	117,397	114,051	661,794	26,333
South Carolina	9,020,997	3,682,987	638,047	1,530,304	485,464	1,029,172	5,298,645	39,365
South Dakota	1,026,194	513,643	76,881	198,438	115,571	122,753	444,618	67,933
Tennessee	5,362,492	2,235,302	476,959	282,250	572,830	903,263	3,083,056	44,134
Texas	42,082,905	19,298,889	2,917,913	11,128,462	1,520,699	3,731,815	22,483,566	300,450
Utah	4,361,476	2,115,968	954,215	431,738	448,935	281,080	2,206,025	39,483
Vermont	828,433	261,505	44,921	64,177	92,561	59,846	549,931	16,997
Virginia	56,933,799	18,071,415	7,447,686	6,214,491	603,453	3,805,785	38,731,568	130,816
Washington	13,524,233	8,223,735	1,873,338	4,407,343	563,322	1,379,732	5,173,959	126,539
West Virginia	1,063,251	616,823	126,119	106,870	216,627	167,207	396,440	49,988
Wisconsin	8,898,053	1,151,891	160,743	222,262	470,144	298,742	7,673,970	72,192
Wyoming	566,662	405,020	69,027	177,223	70,775	87,995	140,406	21,236

1/ Prime contracts are generally reported at the location where the work is performed. 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.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year 2009*
<<http://siadapp.dmdc.osd.mil/personnel/L03/fy09/09top.htm>> accessed June 4, 2010.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS: 2009**

[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/	68,550	33,382	24,063	10,030	1,075
Active duty military	40,874	22,435	13,642	4,797	-
Civilian	18,400	5,532	9,605	2,188	1,075
Reserve & National Guard	9,276	5,415	816	3,045	-
Total expenditures	8,800,669	4,882,236	2,590,293	938,340	389,800
Payroll outlays	6,344,467	4,057,597	1,574,230	660,608	52,032
Active duty military	4,529,364	3,325,623	799,767	403,974	-
Civilian	1,163,627	333,230	636,931	141,434	52,032
Reserve & National Guard	315,642	289,163	5,532	20,947	-
Retired military	335,834	109,581	132,000	94,253	-
Contracts 2/	2,377,271	789,207	991,132	269,204	327,728
Supply & equipment	423,610	97,095	53,807	17,381	255,327
RDT & E 3/	96,892	9,033	56,321	26,685	4,853
Service	1,398,698	560,654	569,918	200,599	67,527
Construction	458,071	122,425	311,086	24,539	21
Grants	78,931	35,432	24,931	8,528	10,040

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

Contractor name	Amount	Contractor name	Amount
Tesoro Petroleum Corporation	189,367	Hawaiian Electric Industries, Inc.	69,194
BAE Systems PLC	150,400	Science Applications International	59,148
Watts Constructors, LLC	81,080	Manu Kai, LLC	52,104
Nan. Inc.	79,026	Su-Mo Builders, Inc.	42,826
Hawaiian Dredging Construction	72,676	J & J Maintenance, Inc.	41,779

Continued on next page.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS: 2009 -- Con.**

Major locations of expenditures	Total	Payroll outlays	Grants and contracts
Honolulu	3,577,939	3,355,323	222,616
Hickam Air Force Base	641,057	478,043	163,014
Pearl Harbor	629,944	576,290	53,654
Kaneohe	329,871	329,739	132
Schofield Barracks	326,687	182,982	143,705
Fort Shafter	230,353	182,789	47,564
Pearl Harbor NS	205,065	-	205,065
Tripler Army Medical Center	196,540	113,855	82,685
Kapolei	190,715	-	190,715
Pearl Harbor Naval Shipyard	139,325	-	139,325
Major locations of personnel 1/	Total military & civilian	Active duty military	Civilian
Honolulu	22,768	21,738	1,030
Pearl Harbor	6,700	3,854	2,846
Kaneohe	6,423	5,729	694
Hickam Air Force Base	6,369	4,262	2,107
Tripler Army Medical Center	2,043	18	2,025
Kunia	1,851	1,734	117
Schofield Barracks	1,838	591	1,247
Camp H.M. Smith	1,457	1,080	377
Fort Shafter	1,302	36	1,266
Wahiawa	796	663	133

1/ Beginning with FY 2005, afloat Navy and Marine Corps are included in personnel counts.

2/ Prime contracts are generally reported at the location where the work is performed.

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 2005, procurement data were only reported for contract awards exceeding \$25,000. As of FY 2005, all awards are included. As of FY 2007, DOD transitioned from the Defense Contract Action Data System (DCADS) used for FY 2006 and prior contract data, to the Federal Procurement Data System - Next Generation (FPDS – NG), which was used to obtain contract data from FY07 onward. Discrete reporting of Civil Functions contracts has been discontinued because these contracts are no longer identified in FPDS – NG as a separate contract type.

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

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year 2009*

<<http://siadapp.dmdc.osd.mil/personnel/L03/fy09/09top.htm>> accessed June 4, 2010.

**Table 10.08-- MILITARY PRIME CONTRACT AWARDS, BY TYPE:
1982 TO 2009**

[Prime contracts are generally reported at the location where the work is performed.
In thousands of dollars. Fiscal years ending September 30]

Year	Total contracts 1/	Supply & equipment	RDT & E 2/	Service	Construction	Civil Functions
1982	526,143	302,754	6,132	178,776	23,716	14,765
1983	638,975	299,980	9,812	266,583	38,708	23,892
1984	536,735	152,802	6,461	273,025	84,041	20,406
1985	626,153	164,785	10,697	311,800	129,602	9,269
1986	562,843	209,488	2,899	272,114	77,488	854
1987	461,449	20,608	8,722	353,911	71,020	7,188
1988	540,991	94,954	19,753	349,591	69,819	6,874
1989	578,733	61,147	16,639	402,465	90,464	8,018
1990	511,893	92,103	13,033	382,667	22,416	1,674
1991	697,127	85,019	8,448	438,969	163,462	1,229
1992	622,728	94,107	12,299	436,322	73,971	6,029
1993	631,021	87,337	14,526	450,026	71,841	7,291
1994	803,297	51,341	15,454	485,515	249,301	1,686
1995	673,641	74,468	14,634	441,001	136,734	6,804
1996	928,480	71,478	21,348	648,821	175,682	11,151
1997	957,354	87,353	24,698	607,753	228,980	8,570
1998	889,608	88,894	30,907	629,248	134,174	6,385
1999	984,849	127,356	23,762	669,912	161,327	2,492
2000	1,159,581	159,479	54,837	715,981	228,056	1,228
2001	1,307,383	166,011	60,444	770,412	307,504	3,012
2002	1,433,119	267,334	71,978	821,447	265,575	6,785
2003	1,807,956	487,571	121,356	917,498	275,269	6,262
2004	1,713,912	464,161	122,652	814,829	304,292	7,978
2005	1,990,800	620,449	143,736	971,889	253,496	1,230
2006	1,963,468	595,194	80,839	1,074,491	210,392	2,552
2007	2,158,038	379,521	104,122	1,260,315	414,080	(3/)
2008	2,258,591	437,344	67,840	1,222,919	530,488	(3/)
2009	2,377,271	423,610	96,892	1,398,698	458,071	(3/)

1/ Prime contracts are generally reported at the location where the work is performed.

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. For FY 1982-83 procurement contracts greater than \$10,000 were reported. For FY 1984 to 2004, only reported for awards exceeding \$25,000. As of FY 2005, all awards are included. As of FY 2007, DOD transitioned from the Defense Contract Action Data System (DCADS) used for FY 2006 and prior contract data, to the Federal Procurement Data System - Next Generation (FPDS – NG), which was used to obtain contract data from FY07 onward.

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

3/ Discrete reporting of Civil Functions contracts has been discontinued because these contracts are no longer identified in FPDS – NG as a separate contract type.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year* (annual) and <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed October 6, 2010.

**Table 10.09-- DEFENSE-RELATED APPROPRIATIONS BILL
SELECTED HAWAII-RELATED INITIATIVES: 2010**

[In millions of dollars. For fiscal year ending September 30. The Bill was signed into law
(Public Law 111-118) by President Barack Obama on December 19, 2009]

Subject	Amount
Total	199.45
Oahu/Statewide	118.17
AKAMAI/Hawaii Federal Health Care Network	23.00
Hawaii Technology Development Venture	10.00
Center of Excellence for Research in Ocean Sciences (CEROS)	8.00
Joint Venture Education Program	5.50
U.S.S. Memorial Ass'n for costs associated with drydock and repair of U.S.S. Missouri	5.00
Standoff Improvised Explosive Device Detection Program	4.80
Low-Earth orbit nanosatellite integrated defense	4.75
Warfighter rapid awareness processing technologies (WRAPT)	4.50
Pearl Harbor Navy Shipyard equipment modernization	4.20
Army conservation and ecosystem management	4.00
Intelligent decision exploration	3.90
Hawaii Microalgae BioFuel Project	3.52
Reconnaissance and data exploitation (REX) system	3.50
Military applications for medical grade chitosan	3.00
Hawaii National Guard counterdrug	3.00
Mobile Modular Command Center (M2C2)	2.80
Marine Air Ground Task Force	2.70
Autonomous unmanned surface vehicle (AUSV)	2.70
Eagle Vision for the Hawaii Air National Guard	2.40
Immersive group simulation virtual training system	2.30
Captive air amphibious transporter (CAAT)	2.20
Detection, tracking, and identification for ISRTE of mobile and asymmetric targets	2.00
Undersea Special Warfare Engineering Support Office	2.00
4-D data fusion visualization	1.60
Hawaiian Range Complex	1.60
Managing and extending DoD asset lifecycles	1.60
Covert sensing and tagging system	1.20
Mobile localization (M-LOC)	1.20
Virtual onboard analyst for multi-sensor mine detection	1.20
Maui	51.50
Maui space surveillance system operations and research	19.50
PanSTARRS telescope system	9.50
Applications of LIDAR to vehicles with analysis	6.00
High Accuracy Network Determination System-Intelligent Optical Network for Space Situational Awareness (HANDS-IONS)	5.00
Multiple-target-tracking optical sensor-array technology (MOST)	4.00
Real-time optical surveillance applications	3.50
Hawaii advanced laboratory for information integration (HALI'I)	2.00
FLASH hyper-dimensional imaging for near space	2.00

Continued on next page.

**Table 10.09-- DEFENSE-RELATED APPROPRIATIONS BILL
SELECTED HAWAII-RELATED INITIATIVES: 2010 -- Con.**

Subject	Amount
Kauai	29.78
Pacific airborne surveillance and testing	17.00
Strategic materials	5.00
Pacific Region interoperability test and evaluation	3.30
Pacific data conversion and technology program	2.00
Hawaii National Guard Integrated Information Command	1.28
Maritime Directed Energy Test and Evaluation Center	1.20
Addendum: Competitive funding initiatives of benefit to, but not included in totals for, Hawaii	141.20
Test and training range upgrades	20.50
Applied alternative energy research	55.20
Environmental restoration and unexploded ordnance removal	32.50
Readiness and environmental protection initiative	18.00
National Guard Youth Challenge	15.00

Source: U.S. Senator Daniel K. Inouye Press Release "Senate Approves \$199 Million for Defense Projects in Hawaii" (December 9, 2009) <<http://inouye.senate.gov/Press/121909pr01.cfm>> accessed December 10, 2009.

Table 10.10-- MILITARY CONSTRUCTION APPROPRIATIONS BILL: 2013

[For fiscal year ending September 30. As announced by the the Chairman of U.S. Senate Appropriations Committee on May 22, 2012. The bill now goes before the full Senate for a vote before progressing to conference with House conferees]

Subject	Amount (1,000's)
Military construction projects in Hawaii	366,099
Army	210,000
Pohakuloa Training Area Automated Infantry Platoon Battle Course	29,000
Schofield Barracks	96,000
Barracks	41,000
Barracks	55,000
Wheeler Army Air Field Combat Aviation Brigade Barracks	85,000
Army National Guard Kapolei Army Aviation Support Facility Ph1	28,000
Navy Kaneohe Bay	97,310
Aircraft Staging Area	14,680
MV-22 Hangar and Infrastructure	82,630
Air National Guard Joint Base Pearl Harbor-Hickam	
TFI - F-22 Combat Apron Addition	6,500
Special Operations Command Joint Base Pearl Harbor-Hickam	
SOF SDVT-1 Waterfront Operations Facility	24,289

Source: U.S. Senator Daniel K. Inouye News Release "Hawaii To Receive More Than \$366 Million For Military Construction, Support For Homeland Security And Veterans Affairs" (May 22, 2012) <<http://www.inouye.senate.gov/news/press-releases/hawaii-to-receive-more-than-366-million-for-military-construction-support-for-homeland-security-and-veterans-affairs>> accessed May 22, 2012.

Table 10.11-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2011

[As of September 30]

Category	All services	Army	Navy	Marine Corps	Air Force
2004					
Total military and dependents	82,259	39,375	18,845	12,028	12,011
Military personnel 1/	35,061	17,068	7,694	5,541	4,758
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
2005					
Total military and dependents	85,893	38,596	16,815	17,231	13,251
Military personnel 1/	32,629	15,458	6,524	5,796	4,851
Family members 2/	53,264	23,138	10,291	11,435	8,400
Command-sponsored	47,888	23,138	10,075	7,480	7,195
Non-command-sponsored	5,376	-	216	3,955	1,205
Military personnel 1/ 3/					
2006	34,935	18,687	6,080	5,050	5,118
2007	34,838	19,867	5,595	4,483	4,893
2008	37,847	21,554	5,320	6,306	4,667
2009	36,890	21,267	5,472	5,574	4,577
2010	38,755	22,186	5,402	6,532	4,635
2011	42,371	22,895	8,630	5,905	4,941

1/ Active duty. Excludes Coast Guard and personnel afloat or temporary shore-based. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

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.

3/ The DOD report containing number of dependents has not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Worldwide Manpower Distribution by Geographical Area, September 30* (annual through 2005) <<http://siadapp.dior.whs.mil/personnel/Pubs.htm>> accessed May 31, 2006; and *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm>> accessed February 2, 2012.

**Table 10.12-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,
BY SERVICE: 1982 TO 2009**

[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
2005	16,307	4,320	9,075	1,980	932
2006 1/	17,079	4,750	9,130	2,109	1,090
2007	16,403	4,662	8,922	2,042	777
2008	17,340	5,053	9,225	2,069	993
2009	18,400	5,532	9,605	2,188	1,075

1/ No change in data but merely in source. The *Atlas* has been substituted for the *Distribution of Personnel by State and by Selected Locations, September 30, 2006*.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division (formerly the Directorate for Information Operations and Reports), *Atlas/Data Abstract for the US and Selected Areas* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 4, 2010; *Worldwide Manpower Distribution by Geographical Area* (annual) <<http://siadapp.dior.whs.mil/personnel/MMIDHOME.HTM>> accessed June 22, 2006.

Table 10.13 -- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2011

[Based on inter-industry relationships in 2007. Include direct, indirect, and induced impacts.
Industries sorted for greatest output impact]

Industry sector	Output (in millions of dollars)	Labor income (in millions of dollars)	Jobs (number)
Total	1,666.8	988.9	11,595
Federal military and civilian gov't	773.0	699.6	5,821
Real estate and rentals	164.6	7.7	316
Mining and construction	95.7	32.4	427
Health services	90.4	46.4	827
Retail trade	78.9	28.7	787
Other manufacturing	75.0	6.4	91
Professional services	64.8	39.5	477
Finance and insurance	47.8	12.8	214
Business services	39.6	23.5	562
Other services	38.0	19.1	488
Wholesale trade	29.6	11.2	165
Information	28.9	7.5	107
Eating and drinking	28.5	11.0	407
Transportation	25.5	8.3	165
Utilities	24.8	3.1	26
Accommodation	20.3	7.7	111
State and local government	13.6	10.5	147
Educational services	10.0	6.5	171
Food processing	7.0	1.5	46
Arts and entertainment	6.0	3.3	142
Agriculture	4.7	1.9	97

Source: Hawaii State Department of Business, Economic Development & Tourism based on Hawaii State Department of Business, Economic Development & Tourism *2007 State Input-Output Study* (July 2011) <http://hawaii.gov/dbedt/info/economic/data_reports/2007-io/>.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2009 AND 2010**

[In dollars. For fiscal year ending September 30]

Category	2009	2010
Total Federal support for Army National Guard	140,641,379	135,601,353
Total funds allotted to U.S. Property & Fiscal Office for Hawaii		
National Guard personnel appropriations - Army		
Military pay, transportation, and travel	26,969,347	33,775,556
Military uniform	376,871	261,287
Subsistence	194,195	447,600
Oper. and maint., military constr. approp. - Army		
Civilian pay	17,376,073	25,408,617
Transportation and travel - personnel	1,647,592	2,413,852
Equipment, supplies, and services		
Ground operations	2,704,103	3,910,357
Air operations	1,080,708	1,786,786
Other operating supplies and services	9,373,386	15,674,758
Construction, repairs and utilities		
Armory construction	47,454,485	-
Architectural and engineering services	1,460,075	3,159,832
Non-armory construction	-	-
Maintenance, repairs and environmental	12,472,507	13,876,750
Utilities	1,414,046	1,600,673
Total funds provided by National Guard Bureau (Army)		
Oper. & maint. def. approp.-ESGR/Prev. of Sexual Harrassment	(NA)	85,721
Oper. & maint. def. approp.-Army Youth CHalleNGE	1,965,500	3,345,000
AGR pay 1/	16,152,988	29,302,662
Total Federal support for Air National Guard	160,576,535	197,184,250
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	115,282,120	160,812,349
National Guard personnel appropriations - Air		
Deployments, transportation and travel	2,258,223	2,430,999
Military uniform	577,217	700,242
Subsistence	132,908	169,535
Oper. and maint., military constr. approp. - Air		
Civilian pay	71,505,583	72,992,684
Transportation and travel		
Personnel/deployments	2,950,876	3,434,253
Equipment and supplies	137,715	204,218
Equipment, supplies and services		
Equipment	25,543	295,883
Supplies	2,935,750	3,991,144
Depot level reparable	359,102	268,551
Aviation fuel	27,077,835	33,225,807
Other operating supplies and services	4,249,810	4,858,747

Continued on next page.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2009 AND 2010 -- Con.**

Category	2,009	2,010
Oper. and maint., military constr. approp. - Air --Con.		
Construction repairs		
Major construction	-	34,316,524
Architectural and engineering services	211,759	424,958
Minor construction/major repairs	-	651,609
Operations and maintenance agreements	2,859,799	2,847,195
Funded directly by National Guard Bureau (Air)	45,296,415	36,371,907
Annual training pay	5,996,403	2,328,756
Other active duty pay	8,973,828	4,103,838
Inactive duty training pay	13,478,973	14,396,833
Basic training pay	771,891	1,156,999
Active Guard Reserve pay	16,075,320	14,385,481

NA Not available.

1/ Not included as component of allotted to USPFO-HI in FY2009. Does not affect published total

Source: Hawaii Department of Defense, *Annual Report Fiscal Year* (annual)

<<http://hawaii.gov/dod/department-info/dod-annual-reports>> accessed July 14, 2012.

Table 10.15-- ARMY AND AIR NATIONAL GUARD STRENGTH, 1980 TO 2010

[Strength as of September 30 for 1980 through 2002 and June 30 for 2003 and beyond]

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		
2004	5,233		3,009	2,224		
2005 1/	> 5,300		> 3,000	> 2,300		
2006 2/	5,300		3,000	2,300		
2007 1/	> 4,970		> 2,680	2,290		
2008 1/	> 5,000		> 2,800	> 2,200		
2009 1/	> 5,300		3/ 2,900	> 2,400		
2010 1/	> 5,500		3/ 3,000	> 2,500		

1/ Angled bracket open to left indicates 'greater than'.

2/ Counts approximate.

3/ Count reported as 'nearly' number shown.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 to 2010) <<http://hawaii.gov/dod/department-info/dod-annual-reports>> accessed July 14, 2012; and records.

**Table 10.16-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGE, 1990 TO 2011**

[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	17,300	(1/)
1998	30,400	16,900	(1/)
1999	30,300	16,600	(1/)
2000	31,000	16,400	(1/)
2001	30,100	16,500	4,700
2002	30,650	16,700	4,950
2003	31,650	16,650	4,750
2004	31,450	16,600	4,250
2005	31,300	16,350	4,150
2006	31,850	16,650	4,200
2007	31,750	16,400	4,000
2008	32,200	16,550	4,100
2009 2/	33,300	17,500	4,200
2010 2/	34,800	18,500	4,300
2011 2/	34,800	18,900	4,300

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

2/ Data were benchmarked by DLIR in March 2012 but counts for these categories were not affected.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Annual Average Jobcount by Detailed Industry" and "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed March 13, 2012.

Table 10.17-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2004 TO 2011

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
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
2005		
Draft eligible registrants, born 1980-1985	12,162,580	50,381
Born 1986-1987	2,942,042	9,734
Born 1980-1987	15,104,622	60,115
2006		
Draft eligible registrants, born 1981-1986	10,326,013	43,579
Born 1987-1988	4,960,184	17,188
Born 1981-1988	15,286,197	60,767
2007		
Entire registrant group, 18 - 25 years old, born 1982-1989	15,247,514	59,742
Draft eligible men, 20 - 25 years old, born 1982 - 1987	12,380,004	50,229
2008		
Entire registrant group, 18 - 25 years old, born 1982-1989	15,247,514	59,742
Draft eligible men, 20 - 25 years old, born 1982 - 1987	12,380,004	50,229
2009		
Entire registrant group, 18 - 25 years old, born 1984-1991	15,549,082	62,409
Draft eligible men, 20 - 25 years old, born 1984 - 1989	12,623,247	50,915
2010		
Entire registrant group, 18 - 25 years old, born 1985-1992	15,641,162	63,109
Draft eligible men, 20 - 25 years old, born 1985 - 1990	12,765,909	51,731
2011		
Entire registrant group, 18 - 25 years old, born 1986-1993	15,665,624	63,409
Draft eligible men, 20 - 25 years old, born 1986 - 1991	12,860,406	52,385

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 Dist. 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 21, 2012.

**Table 10.18-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)
INELIGIBILITY RATE, BY RACE/ETHNICITY, BY STATE: 2009**

[High school graduates who did not meet the minimum standard necessary to enlist in the U.S. Army.
As of September 30]

State 1/	Total		African-American		Hispanic		White	
	Number	%	Number	%	Number	%	Number	%
United States	348,203	22.6	64,084	38.7	40,771	29.1	201,501	16.4
Alaska	1,198	20.5	112	28.6	56	16.1	636	10.5
Alabama	8,193	28.2	3,067	44.3	99	21.2	3,825	20.4
Arkansas	5,573	27.7	1,304	47.2	147	20.4	3,436	21.2
Arizona	7,526	19.6	302	25.5	1,774	29.0	4,039	12.1
California	31,669	24.1	2,893	36.6	10,213	30.8	13,471	15.7
Colorado	4,857	17.6	375	33.1	754	28.4	3,400	12.9
Connecticut	2,911	24.0	397	41.8	523	39.2	1,785	15.2
District of Columbia	345	32.5	204	37.7	(2/)	(2/)	104	23.1
Delaware	900	26.0	303	42.2	50	32.0	446	17.3
Florida	19,734	20.9	4,711	33.7	3,775	26.6	10,022	13.0
Georgia	13,597	25.2	6,495	34.4	377	20.4	5,452	16.8
Hawaii	2,307	38.3	(2/)	(2/)	134	34.3	149	20.1
Iowa	3,967	18.6	160	33.1	108	30.6	3,446	17.3
Idaho	2,121	14.1	(2/)	(2/)	136	28.7	1,788	12.7
Illinois	11,861	24.0	2,672	41.5	1,168	29.0	7,146	16.3
Indiana	6,965	13.1	644	28.9	192	16.1	5,252	10.1
Kansas	4,099	21.1	419	41.1	207	20.8	2,931	19.0
Kentucky	5,907	24.0	648	36.6	101	25.7	4,931	22.2
Louisiana	6,079	30.9	2,371	47.0	89	23.6	2,791	21.8
Massachusetts	5,301	19.6	213	35.2	635	40.5	2,831	15.2
Maryland	5,966	26.6	1,465	36.4	235	30.6	2,710	27.0
Maine	1,656	19.0	(2/)	(2/)	(2/)	(2/)	1,539	18.4
Michigan	11,346	20.5	1,644	42.7	303	24.4	8,695	16.3
Minnesota	4,998	15.9	255	40.0	155	20.0	4,007	14.1
Missouri	8,063	21.8	976	35.6	142	21.8	5,807	18.7
Mississippi	5,138	37.8	3,011	50.1	(2/)	(2/)	1,909	20.0
Montana	1,309	18.1	(2/)	(2/)	28	14.3	1,034	13.4
North Carolina	13,473	23.4	4,824	35.7	488	20.5	6,450	15.3
North Dakota	795	16.0	(2/)	(2/)	(2/)	(2/)	649	12.3
Nebraska	2,711	14.6	175	33.7	136	30.1	2,176	11.2
New Hampshire	1,300	14.7	(2/)	(2/)	(2/)	(2/)	931	15.1
New Jersey	6,455	26.5	1,307	33.7	1,479	34.1	2,749	20.6
New Mexico	2,652	28.2	91	37.4	984	32.4	1,056	17.5
Nevada	2,503	18.6	255	36.1	415	26.7	1,523	12.9
New York	12,736	21.1	2,183	29.4	2,154	31.2	7,035	15.4
Ohio	14,830	18.0	1,931	35.1	279	23.3	11,744	15.4
Oklahoma	5,667	23.2	770	39.5	290	23.4	3,830	19.3
Oregon	3,674	18.0	73	16.4	239	29.7	2,752	15.2

Continued on next page.

**Table 10.18-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)
INELIGIBILITY RATE, BY RACE/ETHNICITY, BY STATE: 2009-- Con.**

State 1/	Total		African-American		Hispanic		White	
	Number	%	Number	%	Number	%	Number	%
Pennsylvania	13,146	21.6	1,729	40.2	763	38.1	9,910	17.6
Rhode Island	1,090	23.6	57	36.8	131	39.7	667	21.3
South Carolina	8,557	29.5	3,793	42.3	119	27.7	3,573	21.0
South Dakota	993	17.1	(2/)	(2/)	(2/)	(2/)	809	12.7
Tennessee	8,671	25.1	2,080	41.9	162	28.4	5,809	18.9
Texas	34,093	22.4	5,523	32.9	10,094	27.8	15,432	15.9
Utah	2,354	16.7	(2/)	(2/)	166	31.3	1,769	14.0
Virginia	11,086	25.5	4,207	38.6	479	21.7	5,452	17.0
Vermont	886	20.4	(2/)	(2/)	(2/)	(2/)	806	19.9
Washington	5,571	16.4	303	32.7	434	25.3	3,488	12.3
Wisconsin	8,060	18.9	793	46.9	331	26.9	6,443	14.6
West Virginia	2,760	20.9	121	39.7	(2/)	(2/)	2,402	20.0
Wyoming	554	13.0	(2/)	(2/)	(2/)	(2/)	464	11.2

1/ Including the District of Columbia.

2/ Number suppressed. State had fewer than 50 applicants.

Source: Education Trust, *Shut Out of the Military* (December 20, 2010)

<http://www.edtrust.org/sites/edtrust.org/files/publications/files/ASVAB_4.pdf> accessed July 14, 2012.

**Table 10.19-- MILITARY PRIME CONTRACT AWARDS,
BY PROGRAM: 2005 TO 2009**

[In thousands of dollars. Fiscal years ending September 30]

Procurement program	2005	2006	2007 1/	2008 1/	2009 1/
Total	1,990,796	1,963,465	2,158,038	2,258,586	2,377,271
Aircraft engines & spares	502	5	(NA)	(NA)	(NA)
Airframes & spares	50,638	3,316	(NA)	(NA)	(NA)
All other supplies & equipment	118,208	162,089	(NA)	(NA)	(NA)
Ammunition	-	10	(NA)	(NA)	(NA)
Building supplies	38	48	(NA)	(NA)	(NA)
Combat vehicles	86	-	(NA)	(NA)	(NA)
Construction	524,526	537,211	(NA)	(NA)	(NA)
Construction equipment	194	18	(NA)	(NA)	(NA)
Containers and handling equip.	1	20	(NA)	(NA)	(NA)
Electronics & communication equip.	40,540	53,140	(NA)	(NA)	(NA)
Materials handling equipment	17	170	(NA)	(NA)	(NA)
Medical & dental supplies & equip.	289,584	68,485	(NA)	(NA)	(NA)
Missile & space systems	57,273	5,498	(NA)	(NA)	(NA)
Non-combat vehicles	168	191	(NA)	(NA)	(NA)
Other aircraft equipment	1,495	1,191	(NA)	(NA)	(NA)
Other fuels and lubricants	49	1,056	(NA)	(NA)	(NA)
Petroleum	136,343	300,615	(NA)	(NA)	(NA)
Photographic supplies & equip.	190	239	(NA)	(NA)	(NA)
Production equipment	94	467	(NA)	(NA)	(NA)
Services	627,146	708,590	(NA)	(NA)	(NA)
Ships	85,705	71,235	(NA)	(NA)	(NA)
Subsistence	48,904	40,678	(NA)	(NA)	(NA)
Textiles, clothing, & equipage	-	32	(NA)	(NA)	(NA)
Transportation equipment	7	-	(NA)	(NA)	(NA)
Weapons	9,086	9,162	(NA)	(NA)	(NA)

NA Not available.

1/ 2007 and 2008 had been revised in *Data Book 2009* reflecting a change in DOD data availability.

The 2 procurement web sites below are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <<https://www.fpds.gov>> for all federal procurement data and reports. USASpending.gov at <http://www.usaspending.gov> also contains current DoD procurement data. Future *Data Book* updates are expected to be based on those data/sites.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, Geographic Statistics, Prime Contract Awards by State, Awards - State & Major Procurement Program <http://siadapp.dmdc.osd.mil/procurement/historical_reports/geographic/geostat.html> accessed February 22, 2007; Procurement Statistics, Special Tabulation 25 - summary of prime contract awards (ST25) <http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/proctat.html> accessed February 26, 2008; and *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 4, 2010.

**Table 10.20-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY
BRANCH: 1981 TO 2009**

[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, between FY 2001 and FY 2004 reporting contracts less than \$25,000 was optional, and beginning with FY 2005, all contact actions were included]

Year	Total	Army 1/	Navy & Marine Corps	Air Force	Other defense activities 2/
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	1,159,581	243,813	618,071	168,588	129,109
2001	1,307,383	384,619	675,946	93,020	153,798
2002	1,433,119	347,108	771,034	156,322	158,655
2003	1,807,959	395,465	713,601	253,198	445,695
2004	1,713,892	529,634	584,625	223,409	376,223
2005	1,990,796	521,085	556,978	380,830	531,903
2006	1,963,465	602,972	537,112	344,093	479,288
2007	2,158,036	661,531	922,289	297,619	276,597
2008	2,258,586	702,832	900,966	301,654	353,134
2009	2,377,271	789,207	991,132	269,204	327,728

1/ Includes U.S. Army Corps of Engineers.

2/ Includes Defense Logistics Agency (DLA) and other defense agencies (ODA).

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas* (annual)

<<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 4, 2010.

**Table 10.21-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY COUNTY, BY DEFENSE COMPONENT: 2007 TO 2009**

[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]

Procurement program	State	Hawaii	Honolulu	Kauai	Maui
2007 1/	2,134,466	40,933	1,924,256	154,713	14,564
Army	638,504	18,294	590,210	27,206	2,795
Navy 2/	915,265	22,184	785,137	107,648	295
Air Force	296,924	10	287,565	176	9,174
Defense Logistics Agency	159,383	130	159,248	-	6
Civil functions: Corps of Eng.	22,686	283	2,383	18,772	1,248
Other defense agencies	101,705	32	99,714	912	1,047
2008 1/	2,258,586	(NA)	(NA)	(NA)	(NA)
Army	702,832	(NA)	(NA)	(NA)	(NA)
Navy 2/	900,966	(NA)	(NA)	(NA)	(NA)
Air Force	301,651	(NA)	(NA)	(NA)	(NA)
Civil functions: Corps of Eng. 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Other defense activities 4/	353,134	(NA)	(NA)	(NA)	(NA)
2009 1/	2,377,271	(NA)	(NA)	(NA)	(NA)
Army	789,207	(NA)	(NA)	(NA)	(NA)
Navy 2/	991,132	(NA)	(NA)	(NA)	(NA)
Air Force	269,204	(NA)	(NA)	(NA)	(NA)
Civil functions: Corps of Eng. 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Other defense activities 4/	327,728	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ The 2008 and 2009 estimates are preliminary in that the source does not show procurement by county. The 2 procurement web sites below are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <<https://www.fpds.gov>> for all federal procurement data and reports. USASpending.gov <<http://www.usaspending.gov>> also contains current DoD procurement data. Future *Data Book* updates and revision of 2007 through 2009 are expected to be based on those data/sites.

2/ Refers to the Department of the Navy which also includes the Marine Corps.

3/ Civil functions not available in the FPDS-NG system.

4/ Includes 'Other defense agencies' and Defense Logistics Agency.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Procurement Statistics, Special Tabulation 25 - summary of prime contract awards (ST25) <http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html> accessed February 26, 2008; and *Atlas/Data Abstract for the United States and Selected Areas, Fiscal Year* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 4, 2010.

Table 10.22-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007

[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	2004	2005	2006 1/	2007 1/
Hawaii number of contractors	48	41	41	46
Hawaii total contracts	196,793	204,533	319,430	226,920
Large business	73,876	87,310	119,085	90,917
Small business	122,917	117,223	200,345	136,003
Small disadvantaged business	21,583	34,370	25,850	22,352
Women-owned business	15,931	11,633	42,454	13,511
HBCU/MI 2/	133	31	208	25
HUBZone 3/	6,109	2,747	16,399	17,328
Veteran-owned	13,269	19,536	17,459	9,322
Service-disabled veteran-owned	219	282	467	646
Hawaii contracts as percent of total	100.0	100.0	100.0	100.0
Large business	37.5	42.7	37.3	40.1
Small business	62.5	57.3	62.7	59.9
Small disadvantaged business	11.0	16.8	8.1	9.9
Women-owned business	8.1	5.7	13.3	6.0
HBCU/MI 2/	0.1	(4/)	0.1	(4/)
HUBZone 3/	3.1	1.3	5.1	7.6
Veteran-owned	6.7	9.6	5.5	4.1
Service-disabled veteran-owned	0.1	0.1	0.1	0.3
United States number of contractors	1,639	1,625	1,493	1,665
United States total contracts	101,677,468	120,947,969	106,472,454	127,759,431
Large business	66,571,644	77,332,006	66,906,557	81,813,737
Small business	35,105,824	43,615,963	39,565,897	45,945,694
Small disadvantaged business	4,135,337	5,363,344	5,091,551	5,477,611
Women-owned business	4,946,268	5,956,704	5,817,559	6,889,642
HBCU/MI 2/	233,540	145,624	60,818	35,603
HUBZone 3/	1,083,164	1,434,765	1,786,961	2,202,706
Veteran-owned	2,744,357	3,447,490	3,705,866	5,158,454
Service-disabled veteran-owned	449,021	519,237	718,462	1,126,388

Continued on next page.

Table 10.22-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007 -- Con.

Procurement program	2004	2005	2006 1/	2007 1/
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	65.5	63.9	62.8	64.0
Small business	34.5	36.1	37.2	36.0
Small disadvantaged business	4.1	4.4	4.8	4.3
Women-owned business	4.9	4.9	5.5	5.4
HBCU/MI 2/	0.2	0.1	0.1	(4/)
HUBZone 3/	1.1	1.2	1.7	1.7
Veteran-owned	2.7	2.9	3.5	4.0
Service-disabled veteran-owned	0.4	0.4	0.7	0.9

1/ The DOD webpage leading to the URL below notes that procurement web sites are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <<https://www.fpds.gov>> for all federal procurement data and reports. USASpending.gov at <http://www.usaspending.gov> also contains current DoD procurement data. FY2007 has been released but future *Data Book* updates of military subcontracting are expected to be based on the migrated data/sites.

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

3/ HUBZone Historically underutilized business zone.

4/ Less than 0.1 percent.

Source: U.S. Department of Defense, Statistical Information Analysis Division, "Companies Participating in the Department of Defense Subcontracting Program" <http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/proccstat.html> accessed November 8, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.23-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2010

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		6,454	45,728,476	230,622	177,475	47,016.0	82,150	55,016	19,755	7,379
Army total		1,557	15,003,895	189,596	141,538	17,276.6	41,415	28,093	5,944	7,378
Army active		1,497	14,149,163	166,331	141,299	16,795.3	39,215	26,294	5,788	7,133
Aliamanu Military Reservation	Honolulu	103	286,842	668	661	1,390.3	79	-	-	79
Dillingham Military Res	Waialua	5	4,176	664	664	32.6	40	-	-	40
Fort De Russy	Honolulu	13	786,601	73	73	255.4	1,029	35	91	903
Fort Shafter	Honolulu	161	1,681,843	589	589	1,145.5	6,664	4,199	1,023	1,442
Helemano Military Reservation	Wahiawa	22	235,348	293	282	863.8	653	587	11	55
Kahuku Training Area	Kahuku	14	23,754	9,480	8,330	43.8	-	-	-	-
Kawaihae Military Reserve	Waimea	1	938	11	3	17.9	-	-	-	-
Kilauea Military Reserve	Hawaii Nat'l Park	90	153,931	72	13	76.6	52	-	-	52
Kipapa Ammo Storage Site	Pukalani	70	179,462	401	401	118.7	-	-	-	-
Makua Military Reserve	Waianae	4	4,873	4,195	3,406	26.4	-	-	-	-
Pohakuloa Training Area	Hilo	167	296,400	131,805	108,829	482.2	869	685	80	104
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	109	109	18.3	-	-	-	-
Schofield Barracks Mil Reservation	Wahiawa	496	6,910,941	15,612	15,600	7,517.5	18,931	14,235	2,031	2,665
Signal Cable Trunking System	Wahiawa	41	8,871	201	201	125.6	-	-	-	-
Tripler Army Medical Center	Honolulu	39	1,877,196	367	367	2,128.1	4,585	1,660	2,016	909
USA Field Station Kunia	Kunia	9	272,040	95	89	218.5	2,036	1,829	167	40
Waianae-Kai Military Reservation	Waianae	46	47,458	14	-	25.9	30	-	-	30
Waikalkalaua Ammo Storage Tunnels	Unknown	49	104,236	312	312	64.1	-	-	-	-
Wheeler Army Airfield	Wahiawa	167	1,274,253	1,370	1,370	2,244.2	4,247	3,064	369	814
Army National Guard		45	768,378	214	214	423.7	1,991	1,601	145	245
NG Kalealoa	Kapolei	27	564,245	147	147	329.9	1,856	1,493	124	239
NG Regional Training Institute	Waimanalo	7	75,951	48	48	49.5	81	72	4	5
NG TS Waiawa Gulch	Pearl City	11	128,182	19	19	44.3	54	36	17	1
6 other Army sites 4/		15	86,354	23,050	25	57.5	209	198	11	-
Air Force total		473	5,511,279	3,967	3,032	5,002.6	8,538	7,079	1,459	-
Air Force active		433	5,252,774	3,335	3,026	4,769	8,058	6,629	1,429	-
Bellows Air Force Station	Kailua	97	142,139	486	409	158.5	39	30	9	-
Hickam Air Force Base	Hickam AFB	293	5,010,618	2,535	2,525	4,188.4	7,979	6,577	1,402	-
Hickam Petroleum Products Storage Annex	Wahiawa	6	7,247	151	92	344.0	-	-	-	-
Kaena Point Satellite Tracking Station	Waianae	25	69,531	153	-	59.2	20	2	18	-
Kokee Air Force Station	Kekaha	12	23,239	10	-	18.4	20	20	-	-
Air National Guard		4	31,016	11	-	20.5	-	-	-	-
Barking Sands Communication Station	Kekaha	4	31,016	11	-	20.5	-	-	-	-
14 other Air Force sites 4/		36	227,489	620	6	213.7	480	450	30	-

Continued on next page.

Table 10.23-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2010 -- Con.

Site	Name of nearest city	Buildings owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
Marine Corps total		632	5,909,915	4,654	4,652	5,715.0	10,021	8,670	1,351	-
Marine active		632	5,909,915	4,410	4,408	5,714.4	9,264	7,913	1,351	-
Marine Corps Training Area Bellows	Waimanalo	10	16,189	1,028	1,028	42.5	-	-	-	-
Marine Corps Base Camp Smith	Aiea	51	866,914	219	219	545.1	1,665	1,480	185	-
Marine Corps Base Hawaii Kaneohe	Kaneohe	538	4,700,003	2,946	2,944	4,824.3	7,599	6,433	1,166	-
Marine Corps Base Manana Capehart	Pearl City	6	13,412	51	51	184.1	-	-	-	-
Marine Corps Base Hawaii Pearl City Annex	Pearl City	6	254,960	27	27	77.1	-	-	-	-
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	21	58,437	139	139	41.3	-	-	-	-
4 other Marine sites 4/		-	-	244	244	0.6	757	757	-	-
Navy total		3,792	19,303,387	32,406	28,253	19,021.7	22,176	11,174	11,001	1
Navy active		3,780	19,253,773	29,728	26,750	18,956.9	22,176	11,174	11,001	1
Aiea	Aiea	22	31,403	88	88	303.1	-	-	-	-
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	1,241	1,241	100.3	-	-	-	-
Ewa	Ewa Beach	1,891	3,400,904	3,132	3,132	1,666.2	-	-	-	-
Honolulu	Pearl Harbor	133	1,194,041	568	568	2,631.3	-	-	-	-
Kalaeloa	Barbers Point	164	1,022,971	248	248	586.2	-	-	-	-
Kamokala Ridge	Kekaha	13	23,582	88	-	17.5	-	-	-	-
Kunia	Kunia	9	275,966	95	95	95.9	-	-	-	-
Makaha Ridge	Kokee	16	28,305	243	-	31.5	-	-	-	-
Manana Housing/Pw Area	Pearl City	1	775	23	23	59.4	-	-	-	-
Naval Station Pearl Harbor	Pearl Harbor	621	10,420,095	6,804	6,798	9,473.9	21,906	11,171	10,734	1
PACMISRANFAC Hawaiian Area	Kekaha	210	518,698	4,563	1,935	525.8	267	-	267	-
Pearl City	Pearl City	15	281,600	504	504	657.7	-	-	-	-
Red Hill	Honolulu	7	11,981	241	241	1,059.3	-	-	-	-
Wahiawa	Wahiawa	96	458,826	735	723	573.6	3	3	-	-
Waianae	Lualualei	427	1,103,085	9,223	9,223	781.8	-	-	-	-
Waikele	Waipahu	134	439,967	483	483	281.2	-	-	-	-
Waipahu	Waipahu	21	41,574	1,449	1,448	112.2	-	-	-	-
45 other Navy sites 4/		12	49,614	2,678	1,503	64.8	-	-	-	-

1/ This report also inventories leased buildings (3) and square footage (67,158), and other than owned or leased buildings (7,526) and square footage (25,251,876).

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 all known other civilian personnel identified for the site or installation, including personnel paid from Non-appropriated Funds, Foreign Nationals (direct hire) at foreign locations, and, if available, any full-time contractor personnel, regardless of Service affiliation.

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 Fiscal Year 2011 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/bsr2011baseline.pdf>> accessed December 13, 2011 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.24-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2010

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	119	7	4	69	39
Army	28	3	2	21	2
Navy	62	2	2	23	35
Air Force	20	1	-	18	1
Marine Corps	9	1	-	7	1
United States	4,127	115	99	3,518	395
Army	1,536	42	34	1,380	80
Navy	795	22	30	601	142
Air Force	1,534	41	31	1,316	146
Marine Corps	130	9	4	90	27
Washington Headquarters Service	132	1	-	131	-
Hawaii as percent of the U.S.	2.9	6.1	4.0	2.0	9.9
Army	1.8	7.1	5.9	1.5	2.5
Navy	7.8	9.1	6.7	3.8	24.6
Air Force	1.3	2.4	0.0	1.4	0.7
Marine Corps	6.9	11.1	0.0	7.8	3.7

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.741 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.741 billion and greater than or equal to \$929 million.

3/ A small installation has a total plant replacement value (PRV) less than \$929 million and greater than 0.

4/ Other installation has a total plant replacement value (PRV) equal to zero - 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 2011 Baseline*, pp. DOD-25 and 28 <<http://www.acq.osd.mil/ie/download/bsr/bsr2011baseline.pdf>> accessed December 13, 2011 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.25-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS-DESIGNATED PLACES: 2010**

[Due to changes in Census-Designated Places (CDP) boundaries, data from the 2000 and 2010 censuses are not comparable. For information on confidentiality protection, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2010/doc/sf1.pdf>>]

Geographic area	State total	Occupied housing units		
		Total	Owner	Renter
Total housing units	519,508	455,338	262,682	192,656
Ahuimanu CDP	2,826	2,745	2,199	546
Hickam Housing CDP	2,353	1,918	7	1,911
Iroquois Point CDP	1,119	1,064	1	1,063
Kaneohe Station CDP	2,208	2,115	18	2,097
Schofield Barracks CDP	4,020	3,602	18	3,584
Wheeler AFB CDP	593	554	3	551

Source: U.S. Census Bureau, 2010 Census Summary File 1 compiled by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, SF1 Geographic Comparison Tables, Resident Tables by Census Designated Places for the State of Hawaii "GCT-H2 - Hawaii: General Housing Characteristics: 2010 - State -- Place" and "GCT-H3 - Hawaii: Occupied Housing Characteristics: 2010 - State -- Place" <http://hawaii.gov/dbedt/info/census/Census_2010/SF1/index_html> accessed July 17, 2012.

**Table 10.26-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS:
AUGUST 2008**

[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 and location	Total	New homes	Renovated homes
Total dwelling units	14,958	9,562	5,396
Army	7,945	5,388	2,557
Schofield Barracks	4,066	2,916	1,150
Aliamanu/Red Hill	1,717	1,691	26
Wheeler Army/Air Field	669	262	407
Fort Shafter	362	276	86
Helemano	946	58	888
Tripler Army Medical Center	185	185	-
Air Force	2,474	1,142	1,332
Hickam Air Force Base	2,474	1,142	1,332
Navy/Marine	4,539	3,032	1,507
Pearl Harbor, Camp Smith, Manana	2,654	1,740	914
Wahiawa	229	174	55
Marine Corps Base Hawaii	1,656	1,118	538

Source: *Honolulu Advertiser* "Military housing boom offsets slow civilian sector", August 31, 2008
<<http://the.honoluluadvertiser.com/article/2008/Aug/31/bz/hawaii808310344.html>> accessed September 2, 2008.

Table 10.27-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING RATES, BY COUNTY: 2012

[In dollars. Rates take effect January 1. The Basic Allowance for Housing (BAH) is based on geographic duty location, pay grade, and dependency status. The intent of BAH is to provide uniformed service members with permanent duty within the 50 United States accurate and equitable housing compensation based on housing costs, including median current market rent, average utilities (including electricity, heat, and water/sewer), and average renter's insurance in local civilian housing markets, and is payable when government quarters are not provided. Total housing costs are calculated for six housing profiles based on dwelling type and number of bedrooms, in each military housing area. BAH rates are then calculated for each pay grade, with and without dependents]

Code 1/	With dependents				Without dependents			
	Maui County	Honolulu County	Hawaii County	Kauai County	Maui County	Honolulu County	Hawaii County	Kauai County
E01	1,599	1,860	1,272	1,527	1,218	1,461	954	1,242
E02	1,599	1,860	1,272	1,527	1,218	1,461	954	1,242
E03	1,599	1,860	1,272	1,527	1,218	1,461	954	1,242
E04	1,599	1,860	1,272	1,527	1,218	1,461	954	1,242
E05	1,701	1,899	1,401	1,665	1,404	1,701	1,059	1,341
E06	2,097	2,487	1,713	1,980	1,572	1,866	1,284	1,485
E07	2,187	2,637	1,740	1,989	1,641	1,977	1,305	1,536
E08	2,286	2,802	1,770	2,001	1,779	2,100	1,464	1,728
E09	2,475	2,979	1,830	2,100	1,902	2,235	1,560	1,827
W01	2,100	2,490	1,716	1,983	1,575	1,869	1,287	1,488
W02	2,229	2,703	1,752	1,995	1,776	2,028	1,461	1,725
W03	2,349	2,907	1,788	2,010	1,914	2,238	1,569	1,836
W04	2,520	3,006	1,845	2,136	2,121	2,523	1,719	1,983
W05	2,721	3,123	1,911	2,292	2,211	2,676	1,746	1,995
O01E	2,208	2,670	1,746	1,992	1,701	2,004	1,401	1,665
O02E	2,331	2,877	1,782	2,004	1,875	2,157	1,539	1,803
O03E	2,550	3,024	1,854	2,160	2,097	2,487	1,713	1,980
O01	1,746	1,965	1,437	1,701	1,497	1,818	1,143	1,392
O02	2,088	2,475	1,707	1,974	1,665	1,980	1,359	1,617
O03	2,346	2,898	1,785	2,007	1,953	2,274	1,599	1,866
O04	2,799	3,168	1,935	2,352	2,199	2,655	1,743	1,992
O05	3,123	3,357	2,043	2,601	2,343	2,751	1,761	1,998
O06	3,153	3,390	2,064	2,628	2,367	2,907	1,788	2,007
O07	3,186	3,423	2,085	2,652	2,397	2,964	1,824	2,046

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.

Source: U.S. Department of Defense, Defense Travel Management Office, pdc-archive, BAH, PDF, 2012
 <<https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/PDF/>> accessed December 15, 2011.

**Table 10.28-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
1980, 1990, 2000 TO 2011**

[As of April 1 for 1980, 1990, 2000, and 2010 and otherwise July 1 for civilian population and September 30 for veteran population. Civilian population 17 and over unless otherwise noted. Veteran population for 2001 to 2011 rounded to the nearest 1,000]

Veteran status	1980 1/	1990 1/	2000 2/	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 2/	2010	2011
Civilian population	665,036	801,517	889,005	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	1,031,278	1,035,170	1,046,208
Male	(NA)	(NA)	427,316	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	497,970	500,041	507,376
Female	(NA)	(NA)	461,689	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	533,308	535,129	538,832
Veterans	103,774	119,256	121,000	120,000	120,000	120,000	120,000	119,000	119,000	119,000	118,000	117,000	116,000	116,000	115,000
Male veterans	98,633	112,011	111,000	111,000	110,000	110,000	109,000	109,000	108,000	108,000	107,000	106,000	105,000	105,000	103,000
Female veterans	5,141	7,245	9,000	9,000	10,000	10,000	10,000	11,000	11,000	11,000	11,000	11,000	12,000	12,000	12,000
War veterans 4/	85,322	87,301	92,000	91,000	90,000	90,000	89,000	89,000	89,000	89,000	88,000	88,000	87,000	87,000	86,000
Persian Gulf War 5/	(X)	(X)	18,000	20,000	21,000	23,000	25,000	27,000	29,000	31,000	33,000	35,000	36,000	36,000	37,000
Vietnam era	38,136	41,860	42,000	41,000	40,000	40,000	39,000	38,000	38,000	37,000	37,000	36,000	36,000	36,000	35,000
Korean conflict	22,351	22,362	18,000	17,000	17,000	16,000	16,000	15,000	15,000	14,000	13,000	12,000	12,000	12,000	11,000
World War II	32,156	30,187	23,000	21,000	19,000	18,000	17,000	15,000	14,000	11,000	10,000	9,000	8,000	8,000	7,000
World War I	854	132	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	-	-	-	-	-	-	-
Peacetime only	18,452	31,955	29,000	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,000	29,000	29,000
Nonveterans	561,262	(NA)	461,689	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	915,278	919,170	931,208

NA Not available.

X Not applicable.

1/ Civilian population 16 years and over.

2/ April 1 estimates base civilian, civilian population 18 and over.

3/ Not available. The U.S. Bureau has not released revised intercensal civilian population estimates by age and sex.

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

5/ Service from August 2, 1990 to the present.

6/ Fewer 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; U.S. Census Bureau, Population Division, "State Single Year of Age and Sex Population Estimates: April 1, 2000 to July 1, 2009 - Civilian" (released July 10, 2010) <<http://www.census.gov/popest/states/asrh/>> accessed July 10, 2010; U.S. Census Bureau, Population Division, "State Single Year of Age and Sex Population Estimates: April 1, 2010 to July 1, 2011 - CIVILIAN" (SC-EST2011-AGESEX_CIV) (May 17, 2012) <<http://www.census.gov/popest/data/datasets.html>> accessed May 17, 2012 as produced by the Hawaii State Department of Business, Economic Development & Tourism <http://hawaii.gov/dbedt/info/census/popestimate/2011-state-characteristics/Civ_pop_single_year_00_11_hi.xls> accessed July 2, 2012; U.S. Department of Veterans Affairs, Census 2000 Veteran Data, "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over" <<http://www1.va.gov/vetdata/docs/agesexdata.xls>> accessed March 13, 2009; Ibid. "VetPop2007 State Tables, Period of Service, Table 2L: Veterans by State, Period, Age Group, Gender, 2000-2036" <<http://www1.va.gov/VETDATA/Demographics/Demographics.asp>> accessed July 13, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.29-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2010

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total	1,363,621	309,349,689	0.44
18 to 64 years	861,834	194,750,799	0.44
In Armed Forces	34,190	1,047,037	3.27
Civilian	827,644	193,703,762	0.43
Veteran	71,772	12,662,865	0.57
Nonveteran	755,872	181,040,897	0.42
65 years and over	198,126	40,433,525	0.49
In Armed Forces	-	-	-
Civilian	198,126	40,433,525	0.49
Veteran	45,529	9,135,212	0.50
Nonveteran	152,597	31,298,313	0.49
Male	684,087	152,089,450	0.45
18 to 64 years	439,188	96,672,240	0.45
In Armed Forces	30,229	893,321	3.38
Civilian	408,959	95,778,919	0.43
Veteran	61,211	11,345,824	0.54
Nonveteran	347,748	84,433,095	0.41
65 years and over	87,881	17,433,645	0.50
In Armed Forces	-	-	-
Civilian	87,881	17,433,645	0.50
Veteran	43,913	8,884,960	0.49
Nonveteran	43,968	8,548,685	0.51
Female	679,534	157,260,239	0.43
18 to 64 years	422,646	98,078,559	0.43
In Armed Forces	3,961	153,716	2.58
Civilian	418,685	97,924,843	0.43
Veteran	10,561	1,317,041	0.80
Nonveteran	408,124	96,607,802	0.42
65 years and over	110,245	22,999,880	0.48
In Armed Forces	-	-	-
Civilian	110,245	22,999,880	0.48
Veteran	1,616	250,252	0.65
Nonveteran	108,629	22,749,628	0.48

Source: U.S. Census Bureau, 2010 American Community Survey 1-Year Estimates for the United States and Hawaii "B21001: Sex By Age By Veteran Status for the Civilian Population 18 Years and Over - Universe: Civilian population 18 years and over" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B21001&prodType=table> and "DP05 ACS Demographic and Housing Estimates" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_DP05&prodType=table> accessed July 12, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.30-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION
AND EXPENDITURES, BY COUNTY: 2009 TO 2011**

[In number of persons and thousands of dollars. Fiscal year ending September 30]

Subject	State	Hawaii	City & County of Honolulu	Kalawao	Kauai	Maui
2009						
Veteran population 1/	117,254	16,065	83,194	7	6,290	11,698
Total expenditure	413,841	61,260	301,143	13	16,794	34,631
Compensation & pension 2/	220,837	34,368	157,261	12	8,655	20,540
Educ. & vocational rehab/emp.	22,390	1,583	19,847	-	280	681
Medical care 3/	142,521	24,140	98,496	1	7,418	12,466
Insurance & indemnities	13,409	1,168	10,855	-	441	944
Construction	1,622	-	1,622	-	-	-
General operating expenses	13,063	-	13,063	-	-	-
2010						
Veteran population 1/	116,166	15,986	82,112	7	6,314	11,745
Unique patients 4/	20,571	3,365	14,165	1	1,196	1,844
Total expenditure	537,173	72,053	402,201	12	20,266	42,641
Compensation & pension 2/	243,813	38,264	171,835	10	10,062	23,642
Educ. & vocational rehab/emp.	82,546	2,919	77,127	-	778	1,721
Medical care 3/	174,045	29,531	119,523	2	9,038	15,952
Insurance & indemnities	13,650	1,339	10,597	-	388	1,326
Construction	8,467	-	8,467	-	-	-
General operating expenses	14,652	-	14,652	-	-	-
2011						
Veteran population 1/	114,892	15,865	80,969	8	6,299	11,751
Unique patients 4/	21,320	3,505	14,648	2	1,214	1,951
Total expenditure	628,744	81,836	470,265	53	25,206	51,383
Compensation & pension 2/	306,329	48,224	214,880	-	12,534	30,691
Educ. & vocational rehab/emp.	128,522	3,361	121,863	-	1,074	2,225
Medical care 3/	164,815	29,072	107,024	53	11,300	17,365
Insurance & indemnities	12,435	1,179	9,855	-	298	1,103
Construction	2,373	-	2,373	-	-	-
General operating expenses	14,269	-	14,269	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop07 for 2009 to 2011).

2/ Includes expenditures for veterans' compensation for service-connected disability; dependency and indemnity compensation for service-connected deaths; veterans' pension for nonservice-connected disabilities; and for burial and other benefits to veterans and their survivors.

3/ Includes medical services, medical administration, facility maintenance, educational support, research support, and other overhead items. Medical Care does not include construction or other non-medical support expenditures. Beginning in 2008, the new medical care figures were based on where patients live instead of where care was delivered.

4/ Patients who received treatment at a VA health care facility.

Source: U.S. Department of Veteran Affairs, National Center for Veterans Analysis & Statistics, Expenditures, Geographic Distribution of VA Expenditures (GDX) (annual)
<<http://www.va.gov/vetdata/Expenditures.asp>> accessed May 30, 2012.

Table 10.31-- MILITARY RETIREMENT SYSTEM: 2011

[As of September 30]

Category	Number of personnel		Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
	Retired 1/	Paid by DOD		
Department of Defense	16,701	15,860	34,625	2,183
By branch of service 3/				
Army	6,144	5,751	11,920	2,073
Navy	4,780	4,580	10,461	2,284
Marine Corps	1,079	1,007	2,691	2,672
Air Force	4,698	4,522	9,553	2,113
Exhibit: Coast Guard 3/	375	367	(NA)	(NA)
By rank				
Officers	4,723	4,684	16,129	3,443
Nondisabled and reserve	4,569	4,551	15,801	3,472
Disabled	154	133	328	2,466
Enlisted	11,978	11,176	18,496	1,655
Nondisabled and reserve	10,988	10,663	18,006	1,689
Disabled	990	513	490	955
Department of Defense, over 65	7,451	6,976	15,298	2,193
By branch of service 3/				
Army	3,115	2,918	5,928	2,032
Navy	1,691	1,563	3,860	2,470
Marine Corps	382	356	1,014	2,848
Air Force	2,263	2,139	4,496	2,102
Exhibit: Coast Guard 3/	163	157	(NA)	(NA)
By rank				
Officers	2,539	2,514	8,258	3,285
Nondisabled and reserve	2,470	2,452	8,066	3,290
Disabled	69	62	192	3,097
Enlisted	4,912	4,462	7,040	1,578
Nondisabled and reserve	4,651	4,327	6,858	1,585
Disabled	261	135	182	1,348

Continued on next page.

Table 10.31-- MILITARY RETIREMENT SYSTEM: 2011 -- Con.

Category	Number retired	Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
Department of Defense, concurrent receipt	2,893	3,802	1,314
Concurrent Retirement & Disability Pay (CRDP)	2,303	3,186	1,383
Nondisabled	2,115	2,928	1,384
Disabled	95	161	1,695
Reserve	93	97	1,043
Combat Related Special Compension (CRSC)	590	616	1,044
Nondisabled	409	503	1,230
Disabled	91	62	681
Reserve	90	51	567
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,332	2,255	967
Army	1,232	1,088	883
Navy	483	525	1,087
Marine Corps	115	147	1,278
Air Force	502	495	986
Exhibit: Coast Guard 3/	17	(NA)	(NA)
Over 65 receiving pay 4/	1,968	1,980	1,006
Army	1,046	969	926
Navy	415	473	1,140
Marine Corps	92	123	1,337
Air Force	415	416	1,002
Exhibit: Coast Guard 3/	15	(NA)	(NA)

NA Not available.

1/ Number retired includes all living retirees, including some whose net pay is \$0. Number paid by DoD includes only those whose net pay by this definition is greater than \$0. Net pay is the pay after deductions for survivor premiums and benefits offset by a VA award. It is the pay before any deductions for withholding taxes and allotments.

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 Homeland Security, shown for informational purposes only, and not included in the Department of Defense totals.

4/ Under the Retired Servicemen's Family Protection Plan or the Survivor Benefit Plan. Families of deceased members enrolled in both plans are counted only once. Children of the same deceased member receiving separate benefits are counted individually.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2011 DOD Statistical Report on the Military Retirement System* (May 2012) pp. 26-30 and 193-194 <<http://actuary.defense.gov/>> accessed June 21, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.