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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: 2011* 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
<b>Total</b>	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
<b>Total</b>	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 2010**

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

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 December 22, 2010.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL  
AND DEPENDENTS: 1989 TO 2010**

[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	(NA)	34,935	(NA)	17,079
2007	(NA)	34,838	(NA)	16,403
2008	(NA)	37,847	(NA)	17,340
2009	(NA)	36,890	(NA)	18,400
2010	(NA)	38,755	(NA)	(NA)

NA Not available.

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.

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 December 22, 2010; 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 cemeterial 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  
AND ALL STATES: 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
<b>Hawaii</b>	<b>8,800,669</b>	<b>6,344,467</b>	<b>1,163,627</b>	<b>4,529,364</b>	<b>315,642</b>	<b>335,834</b>	<b>2,377,271</b>	<b>78,931</b>
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  
AND ALL STATES: 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]

<b>Personnel or expenditure</b>	<b>Total</b>	<b>Army</b>	<b>Navy &amp; Marine Corps</b>	<b>Air Force</b>	<b>Other defense activities</b>
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
<b>Top Ten Contractors receiving the largest dollar volume of prime contract awards</b>					
<b>Contractor name</b>	<b>Amount</b>	<b>Contractor name</b>	<b>Amount</b>		
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.**

<b>Major locations of expenditures</b>	<b>Total</b>	<b>Payroll outlays</b>	<b>Grants and contracts</b>
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
<b>Major locations of personnel 1/</b>	<b>Total military &amp; civilian</b>	<b>Active duty military</b>	<b>Civilian</b>
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: 2011**

[For fiscal year ending September 30. As announced by the the Chairman of U.S. Senate Appropriations Committee on July 18, 2010. The bill now goes before the full Senate for a vote before progressing to conference with House conferees]

Subject	Amount (1,000's)
Grand total military construction projects in Hawaii	747,286
Congressional adds	31,444
Major construction	30,244
Naval Station Pearl Harbor, West Loch construct fire station, West Loch	9,084
Pearl Harbor Naval Shipyard welding school shop consolidation	8,500
Pacific Missile Range Facility, Kauai	
Construct pre-fabricated bridge at Nohili Ditch	3,560
Hawaii replace North Loop electrical distribution system	9,100
Planning & design: Big Island, Pohakuloa Training Area Defense Access Road (Ph 6)	1,200
FY 2011 Military Construction Total Obligation Authority as Requested	715,842
Air Force - Air National Guard at Hickam Air Force Base (for the F-22)	71,450
Beddown infrastructure support	5,950
Hangar, squadron operations and aircraft maintenance unit	48,250
Upgrade munitions complex	17,250
Army	321,000
Fort Shafter	81,000
Command and control facility, Ph 1	58,000
Flood mitigation	23,000
Schofield Barracks	212,000
Barracks	98,000
Barracks	90,000
Training aids center	24,000
Tripler Army Medical Center - Barracks	28,000
Army National Guard at Kalaeloa	38,000
Combined support maintenance shop	38,000
Navy	276,892
Camp Smith physical fitness center	29,960
Marine Corps Base Hawaii at Kaneohe Bay	109,660
Bachelor enlisted quarters	90,530
Waterfront operations facility	19,130
Pearl Harbor	137,272
Center for disaster management/humanitarian assistance	9,140
Joint POW/MIA Accounting Command	99,328
Special Operations Command - NSWG3 command and operations facility	28,804
Defense Logistics Agency at Hickam Air Force Base	8,500
Alter fuel storage tanks	8,500

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller), FY2011 Detailed Budget Documents, "Military Construction, Family Housing, and Base Realignment and Closure Program (C-1)" <[http://comptroller.defense.gov/defbudget/fy2011/fy2011\\_c1.pdf](http://comptroller.defense.gov/defbudget/fy2011/fy2011_c1.pdf)> accessed February 1, 2010; U.S. Senator Daniel K. Inouye News Release "Hawaii To Receive More Than \$740 Million for Military Construction Projects" (July 18, 2010) <<http://inouye.senate.gov/Press/071810pr01.cfm>> accessed August 2, 2010



**Table 10.11-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2010**

[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

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 December 23, 2010.

**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: 2010**

[Based on inter-industry relationships in 2005. Include direct, indirect, and induced impacts.  
Industries sorted for greatest output impact]

<b>Industry sector</b>	<b>Output (in millions of dollars)</b>	<b>Labor income (in millions of dollars)</b>	<b>Jobs (number)</b>
Total	1,487.0	938.0	12,761
Federal military and civilian gov't	777.6	713.1	7,355
Real estate and rentals	148.5	9.2	354
Health services	89.5	43.6	876
Retail trade	57.9	21.6	712
Mining and construction	55.0	20.3	318
Professional services	50.8	25.8	432
Finance and insurance	46.2	13.5	247
Other manufacturing	39.3	7.0	85
Business services	33.2	18.5	485
Other services	31.6	13.0	523
Transportation	25.0	6.8	129
Eating and drinking	24.6	8.3	372
Wholesale trade	24.0	8.6	161
Information	23.4	7.1	115
Utilities	20.7	3.1	27
Educational services	11.3	6.0	178
Food processing	8.4	1.7	51
State and local government	6.1	4.8	81
Agriculture	5.0	1.9	96
Arts and entertainment	5.0	2.5	135
Accommodation	3.9	1.5	28

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2007 AND 2008**

[In dollars. For fiscal year ending September 30. The 2005 report is forthcoming]

Category	2007	2008
Total Federal support for Army National Guard	1/ 89,449,196	122,767,490
Total funds provided by National Guard Bureau (Army) (AGR pay)	15,078,986	15,606,751
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	1/ 75,808,034	1/ 107,160,739
National Guard personnel appropriations - Army	28,524,382	40,523,205
Military pay, transportation, and travel	27,673,162	39,369,709
Military uniform	375,820	368,930
Subsistence	475,400	784,566
Oper. and maint., military constr. approp. - Army	45,316,652	80,577,123
Civilian pay	21,353,257	20,580,197
Transportation and travel - personnel	697,543	800,934
Equipment, supplies, and services	14,027,400	30,114,803
Ground operations	4,276,400	19,628,829
Air operations	942,300	6,092,502
Other operating supplies and services	8,808,700	4,393,472
Construction, repairs and utilities	9,238,452	29,081,189
Armory construction	-	-
Architectural and engineering services	-	15,911,000
Non-armory construction	-	-
Maintenance, repairs and environmental	8,207,154	11,392,837
Utilities	1,031,298	1,777,352
Funded directly by National Guard Bureau (Army)	1,967,000	1,955,500
Oper. & maint. def. approp.-Army Youth CHalleNGe	1,967,000	1,955,500
Total Federal support for Air National Guard	178,647,832	160,107,272
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	131,575,311	1/ 115,957,139
National Guard personnel appropriations - Air	2,483,032	2,680,993
Deployments, transportation and travel	1,939,520	2,256,300
Military uniform	305,958	217,141
Subsistence	237,554	207,552
Oper. and maint., military constr. approp. - Air	129,092,279	55,957,119
Civilian pay	61,677,153	9,435,471
Transportation and travel	3,836,701	2,637,500
Personnel/deployments	2,808,349	2,304,200
Equipment and supplies	1,028,352	333,300
Equipment, supplies and services	61,441,623	40,448,355
Equipment	992,703	140,045
Supplies	4,858,751	2,427,395
Depot level reparable	27,581,391	640,265
Aviation fuel	24,718,643	34,520,266
Other operating supplies and services	3,290,135	2,720,384

Continued on next page.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2007 AND 2008 -- Con.**

Category	2007	2008
Oper. and maint., military constr. approp. - Air --Con.		
Construction repairs 2/	2,136,802	3,435,793
Architectural and engineering services	-	513,854
Minor construction/major repairs	-	389,816
Operations and maintenance agreements	2,136,802	2,532,123
Funded directly by National Guard Bureau (Air )	1/ 47,072,521	44,150,133
Annual training pay	5,003,502	5,779,146
Other active duty pay	8,652,389	8,778,589
Inactive duty training pay	10,358,999	13,048,130
Basic training pay	724,999	703,250
Active Guard Reserve pay	1/ 22,332,632	15,841,018

1/ Components do not sum to published total. Resolution underway.

2/ In 2007, the category was "Construction, repairs and utilities".

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

<<http://www.dod.state.hi.us/doddod/departement-info/dod-annual-reports>> accessed July 21, 2010.

**Table 10.15-- ARMY AND AIR NATIONAL GUARD STRENGTH, 1980 TO 2008**

[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/	2/ 5,243	(NA)		(NA)		
2006 3/	5,300	3,000		2,300		
2007	4,970	2,680		2,290		
2008 4/	> 5,000	> 2,800		> 2,200		

NA Not available.

1/ The 2005 report is forthcoming.

2/ Drill-status Army and Air National Guard members.

3/ Counts approximate.

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

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 and 2008) <<http://www.dod.state.hi.us/doddod/department-info/dod-annual-reports>> accessed July 21, 2010; and records.

**Table 10.16-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,  
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:  
ANNUAL AVERAGE, 1990 TO 2010**

[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

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

2/ Data were benchmarked in March 2011.

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 May 19, 2011.

**Table 10.17-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2003 TO 2010**

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
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
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

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 23, 2011.



**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
<b>Hawaii</b>	<b>2,307</b>	<b>38.3</b>	<b>(2/)</b>	<b>(2/)</b>	<b>134</b>	<b>34.3</b>	<b>149</b>	<b>20.1</b>
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/dc/press-room/press-release/shut-out-of-the-military-more-than-one-in-five-recent-high-school-gradua>> accessed December 27, 2010.

**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](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/procstat.html](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 10.20-- 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](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]

<b>Procurement program</b>	<b>2004</b>	<b>2005</b>	<b>2006 1/</b>	<b>2007 1/</b>
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/procstat.html](http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.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, 2009**

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		6,365	42,266,363	230,532	177,033	44,563.1	76,571	50,555	18,106	7,910
Army total		1,457	14,671,260	189,294	141,249	14,669.6	36,257	23,943	4,405	7,909
Army active		1,395	13,802,123	166,017	140,994	14,193.6	34,291	22,379	4,252	7,660
Aliamanu Military Reservation	Honolulu	101	285,433	667	660	1,145.6	78	-	-	78
Dillingham Military Res	Waialua	5	4,176	664	664	34.6	40	-	-	40
Fort De Russy	Honolulu	9	784,483	73	73	251.5	865	-	-	865
Fort Shafter	Honolulu	133	1,617,560	590	589	1,165.3	6,470	4,163	1,014	1,293
Helemano Military Reservation	Wahiawa	22	235,348	293	282	708.9	641	587	-	54
Kahuku Training Area	Kahuku	14	23,754	9,480	8,330	29.0	-	-	-	-
Kawaihae Military Reserve	Waimea	1	938	11	10	11.6	-	-	-	-
Kilauea Military Reserve	Hawaii Nat'l Park	90	153,931	72	13	117.1	52	-	-	52
Kipapa Ammo Storage Site	Pukalani	70	179,462	401	401	114.7	-	-	-	-
Makua Military Reserve	Waianae	4	4,873	4,195	3,406	28.0	-	-	-	-
Pohakuloa Training Area	Hilo	171	295,899	131,805	108,829	433.9	166	11	61	94
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	109	109	18.5	-	-	-	-
Schofield Barracks Mil Reservation	Wahiawa	475	6,745,704	15,610	15,601	6,370.6	17,226	12,969	1,453	2,804
Signal Cable Trunking System	Wahiawa	42	8,971	201	201	128.3	-	-	-	-
Tripler Army Medical Center	Honolulu	39	1,877,196	367	367	1,959.2	4,513	1,578	1,469	1,466
USA Field Station Kunia	Kunia	9	272,040	95	89	197.4	590	433	9	148
Waianae-Kai Military Reservation	Waianae	46	47,458	14	-	25.8	30	-	-	30
Wheeler Army Airfield	Wahiawa	164	1,264,897	1,370	1,370	1,453.6	3,620	2,638	246	736
Army National Guard		46	765,279	227	215	418	1,765	1,374	144	247
NG Kalealoa	Kapolei	29	565,845	160	148	328.9	1,640	1,278	123	239
NG Regional Training Institute	Waimanalo	7	75,951	48	48	47.3	91	81	4	6
NG TS Waiawa Gulch	Pearl City	10	123,483	19	19	42.1	34	15	17	2
6 other Army sites 4/		16	103,858	23,050	39	57.7	201	190	9	2
Air Force total		490	5,552,547	3,970	3,032	5,228.4	9,332	8,007	1,325	-
Air Force active		450	5,294,042	3,335	3,026	4,987.3	8,321	7,003	1,318	-
Bellows Air Force Station	Kailua	97	142,139	486	409	170.8	38	28	10	-
Hickam Air Force Base	Hickam AFB	310	5,051,886	2,535	2,525	4,346.8	8,223	6,933	1,290	-
Hickam Petroleum Products Storage Annex	Wahiawa	6	7,247	151	92	388.4	-	-	-	-
Kaena Point Satellite Tracking Station	Waianae	25	69,531	153	-	63.4	20	2	18	-
Kokee Air Force Station	Kekaha	12	23,239	10	-	17.9	40	40	-	-
Air National Guard		4	31,016	11	-	22.6	253	253	-	-
Barking Sands Communication Station	Kekaha	4	31,016	11	-	22.6	253	253	-	-
15 other Air Force sites 4/		36	227,489	624	6	218.5	758	751	7	-

Continued on next page.



**Table 10.23-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2009 -- 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		630	4,839,698	4,670	4,661	5,948.9	8,892	7,537	1,355	-
Marine active		630	4,839,698	4,468	4,462	5,948.2	8,892	7,537	1,355	-
Marine Corps Training Area Bellows	Waimanalo	10	16,189	1,073	1,073	47.3	-	-	-	-
Marine Corps Base Camp Smith	Aiea	51	615,939	221	219	552.3	1,022	851	171	-
Marine Corps Base Hawaii Kaneohe	Kaneohe	538	3,936,291	2,955	2,951	5,082.2	7,870	6,686	1,184	-
Marine Corps Base Manana Capehart	Pearl City	4	6,780	52	52	148.4	-	-	-	-
Marine Corps Base Hawaii Pearl City Annex	Pearl City	6	207,120	27	27	75.2	-	-	-	-
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	21	57,379	140	140	42.8	-	-	-	-
2 other Marine sites 4/		-	-	202	199	0.7	-	-	-	-
Navy total		3,788	17,202,858	32,597	28,092	18,716.2	22,090	11,068	11,021	1
Navy active		3,774	17,148,461	29,969	26,661	18,646.6	22,090	11,068	11,021	1
Aiea	Aiea	22	28,878	91	91	314.5	-	-	-	-
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	1,246	1,116	110.1	-	-	-	-
Ewa	Ewa Beach	1,891	3,360,956	3,144	3,130	1,522.4	-	-	-	-
Honolulu	Pearl Harbor	135	1,135,263	576	573	2,416.7	-	-	-	-
Kalaeloa	Barbers Point	165	991,730	254	246	615.0	-	-	-	-
Kamokala Ridge	Kekaha	13	23,582	89	-	20.6	-	-	-	-
Kunia	Kunia	-	-	96	-	96.6	-	-	-	-
Makaha Ridge	Kokee	15	26,844	243	-	36.8	-	-	-	-
Manana Housing/Pw Area	Pearl City	1	775	23	23	51.4	-	-	-	-
Naval Station Pearl Harbor	Pearl Harbor	627	8,888,845	6,847	6,793	9,548.9	21,803	11,068	10,734	1
PACMISRFANFAC Hawaiian Area	Kekaha	204	473,336	4,568	1,933	552.3	287	-	287	-
Pearl City	Pearl City	13	224,538	633	625	600.8	-	-	-	-
Red Hill	Honolulu	7	11,981	243	242	917.5	-	-	-	-
Wahiawa	Wahiawa	95	421,538	743	720	569.7	-	-	-	-
Waianae	Lualualei	428	1,077,354	9,229	9,228	838.6	-	-	-	-
Waikale	Waipahu	134	439,967	488	487	310.5	-	-	-	-
Waipahu	Waipahu	24	42,874	1,456	1,454	124.2	-	-	-	-
40 other Navy sites 4/		14	54,397	2,629	1,432	69.6	-	-	-	-

1/ This report also inventories leased buildings (3) and square footage (42,434) and other than owned or leased buildings (7,502) and square footage (26,546,390).

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 2010 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/bsr2010baseline.pdf>> accessed September 6, 2010 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, 2009**

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	113	6	5	69	33
Army	27	2	3	21	1
Navy	57	2	2	23	30
Air Force	21	1	-	18	2
Marine Corps	8	1	-	7	-
United States	4,249	111	104	3,503	531
Army	1,665	39	38	1,393	195
Navy	832	25	27	601	179
Air Force	1,509	38	34	1,294	143
Marine Corps	111	8	5	84	14
Washington Headquarters Service	132	1	-	131	-
Hawaii as percent of the U.S.	2.7	5.4	4.8	2.0	6.2
Army	1.6	5.1	7.9	1.5	0.5
Navy	6.9	8.0	7.4	3.8	16.8
Air Force	1.4	2.6	0.0	1.4	1.4
Marine Corps	7.2	12.5	0.0	8.3	0.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.715 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.715 billion and greater than or equal to \$915 million.

3/ A small installation has a total plant replacement value (PRV) less than \$915 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 2010 Baseline*, pp. DOD-26 and 28 <<http://www.acq.osd.mil/ie/download/bsr/bsr2010baseline.pdf>> accessed December 22, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.25-- 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 10.26-- 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]

<b>Component and location</b>	<b>Total</b>	<b>New homes</b>	<b>Renovated homes</b>
<b>Total dwelling units</b>	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: 2011**

[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			
	County	County	County	County	County	County	County	County
E01	1,572	2,016	1,278	1,650	1,209	1,512	957	1,236
E02	1,572	2,016	1,278	1,650	1,209	1,512	957	1,236
E03	1,572	2,016	1,278	1,650	1,209	1,512	957	1,236
E04	1,572	2,016	1,278	1,650	1,209	1,512	957	1,236
E05	1,647	2,040	1,332	1,770	1,401	1,818	1,122	1,392
E06	1,839	2,385	1,728	1,980	1,509	1,992	1,296	1,545
E07	1,956	2,580	1,794	2,028	1,578	2,016	1,344	1,656
E08	2,082	2,793	1,863	2,082	1,686	2,109	1,410	1,815
E09	2,250	3,015	1,959	2,235	1,746	2,262	1,533	1,878
W01	1,842	2,391	1,731	1,983	1,545	2,004	1,299	1,602
W02	2,007	2,667	1,821	2,052	1,683	2,106	1,407	1,812
W03	2,160	2,928	1,908	2,115	1,752	2,265	1,545	1,884
W04	2,283	3,048	1,977	2,280	1,869	2,436	1,743	1,992
W05	2,427	3,192	2,061	2,475	1,983	2,631	1,809	2,040
O01E	1,980	2,625	1,806	2,040	1,647	2,040	1,356	1,770
O02E	2,139	2,889	1,896	2,106	1,731	2,193	1,506	1,863
O03E	2,304	3,072	1,989	2,310	1,839	2,385	1,728	1,980
O01	1,668	2,079	1,374	1,794	1,497	1,989	1,221	1,527
O02	1,836	2,379	1,719	1,977	1,623	2,031	1,347	1,731
O03	2,154	2,916	1,905	2,112	1,770	2,268	1,584	1,905
O04	2,484	3,246	2,091	2,550	1,968	2,604	1,800	2,034
O05	2,715	3,477	2,226	2,862	2,043	2,727	1,842	2,148
O06	2,742	3,513	2,247	2,892	2,160	2,928	1,908	2,169
O07	2,769	3,549	2,271	2,919	2,205	2,988	1,947	2,190

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, 2011  
 <<https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/PDF/>> accessed December 15, 2010.

**Table 10.28-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:  
1980, 1990, 2000 TO 2009**

[As of April 1 for 1980, 1990, and 2000 unless otherwise noted for civilian and veteran population. July 1 for civilian population and September 30 for veteran population thereafter unless otherwise noted. Civilian population 17 and over unless otherwise noted]

Veteran status	1980 1/	1990 1/	2000 1/	2000 2/	2000 3/	2001	2002	2003	2004	2005	2006	2007	2008	2009
Civilian population	665,036	801,517	872,287	889,005	889,074	899,656	909,236	919,505	940,916	950,003	959,101	968,309	976,918	983,428
Male	(NA)	(NA)	418,699	427,316	427,433	434,499	439,643	443,679	457,277	462,158	467,511	472,398	477,065	480,662
Female	(NA)	(NA)	453,588	461,689	461,641	465,157	469,593	475,826	483,639	487,845	491,590	495,911	499,853	502,766
Veterans	103,774	119,256	120,587	121,000	121,000	120,000	120,000	120,000	120,000	119,000	119,000	119,000	118,000	117,000
Male veterans	98,633	112,011	111,431	111,000	111,000	111,000	110,000	110,000	109,000	109,000	108,000	108,000	107,000	106,000
Female veterans	5,141	7,245	9,156	9,000	9,000	9,000	10,000	10,000	10,000	11,000	11,000	11,000	11,000	11,000
War veterans 4/ Persian Gulf War 5/	85,322 (X)	87,301 (X)	(NA) (NA)	92,000 18,000	92,000 19,000	91,000 20,000	90,000 21,000	90,000 23,000	89,000 25,000	89,000 27,000	89,000 29,000	89,000 31,000	88,000 33,000	88,000 35,000
Vietnam era	38,136	41,860	41,630	42,000	41,000	41,000	40,000	40,000	39,000	38,000	38,000	37,000	37,000	36,000
Korean conflict	22,351	22,362	18,000	18,000	18,000	17,000	17,000	16,000	16,000	15,000	15,000	14,000	13,000	12,000
World War II	32,156	30,187	22,561	23,000	22,000	21,000	19,000	18,000	17,000	15,000	14,000	13,000	11,000	10,000
World War I	854	132	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	-	-	-	-
Peacetime only	18,452	31,955	(NA)	29,000	29,000	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Nonveterans	561,262	682,261	751,700	768,005	768,074	779,656	789,236	799,505	820,916	831,003	840,101	849,309	858,918	866,428

NA Not available.

X Not applicable.

1/ Civilian population 16 years and over for 1980 and 1990, and 18 years and over for April 1, 2000 Census.

2/ April 1, 2000 population.

3/ Civilian population as of July 1 and veteran population as of September 30.

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. 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 20, 2010; 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: 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 10.30-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION  
AND EXPENDITURES, BY COUNTY: 2008 TO 2010**

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

Subject	State	Hawaii	City & County of Honolulu	Kalawao	Kauai	Maui
2008						
Veteran population 1/	118,017	16,135	84,025	7	6,218	11,633
Total expenditure	368,899	54,950	267,191	-	14,805	31,953
Compensation & pension 2/	197,498	31,530	139,084	-	7,807	19,078
Educ. & vocational rehab/emp.	19,602	1,115	17,795	-	218	475
Medical care 3/	126,747	20,836	87,864	-	6,512	11,534
Insurance & indemnities	11,577	1,468	8,975	-	268	866
Construction	1,150	-	1,150	-	-	-
General operating expenses	12,324	-	12,324	-	-	-
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	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop07 for 2008 to 2010).

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 23, 2011.



**Table 10.31-- MILITARY RETIREMENT SYSTEM: 2010**

[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	16,731	15,513	33,691	2,172
By branch of service 3/				
Army	6,004	5,614	11,659	2,077
Navy	4,713	4,504	10,166	2,257
Marine Corps	1,065	984	2,602	2,644
Air Force	4,589	4,411	9,264	2,100
Exhibit: Coast Guard 3/	374	364	(NA)	(NA)
By rank				
Officers	4,620	4,580	15,712	3,431
Nondisabled and reserve	4,470	4,452	15,381	3,455
Disabled	150	128	331	2,586
Enlisted	11,751	10,933	17,978	1,644
Nondisabled and reserve	10,809	10,463	17,515	1,674
Disabled	942	470	463	985
Department of Defense, over 65	7,202	6,721	14,732	2,192
By branch of service 3/				
Army	3,019	2,826	5,717	2,023
Navy	1,628	1,492	3,685	2,470
Marine Corps	366	341	974	2,856
Air Force	2,189	2,062	4,356	2,113
Exhibit: Coast Guard 3/	161	155	(NA)	(NA)
By rank				
Officers	2,430	2,407	7,941	3,299
Nondisabled and reserve	2,362	2,344	7,742	3,303
Disabled	68	63	199	3,159
Enlisted	4,772	4,314	6,791	1,574
Nondisabled and reserve	4,521	4,177	6,611	1,583
Disabled	251	137	180	1,314

Continued on next page.

**Table 10.31-- MILITARY RETIREMENT SYSTEM: 2010 -- Con.**

<b>Category</b>	<b>Number retired</b>	<b>Monthly payment 2/ (\$1,000)</b>	<b>Average payment per person paid (dollars)</b>
Department of Defense, concurrent receipt	2,570	3,250	1,265
Concurrent Retirement & Disability Pay (CRDP)	1,988	2,654	1,335
Nondisabled	1,814	2,405	1,326
Disabled	98	167	1,704
Reserve	76	82	1,079
Combat Related Special Compension (CRSC)	582	596	1,024
Nondisabled	422	493	1,168
Disabled	72	54	750
Reserve	88	49	557
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,088	2,238	1,072
Army	1,083	1,078	995
Navy	450	518	1,151
Marine Corps	103	145	1,408
Air Force	452	497	1,100
Exhibit: Coast Guard 3/	18	(NA)	(NA)
Over 65 receiving pay 4/	1,755	1,942	1,107
Army	920	949	1,032
Navy	388	463	1,193
Marine Corps	80	116	1,450
Air Force	367	414	1,128
Exhibit: Coast Guard 3/	15	(NA)	(NA)

NA Not available.

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 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. Some survivors whose pay has been suspended are included.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2010 DOD Statistical Report on the Military Retirement System* (May 2011) pp. 25-29 and 192-193 <<http://actuary.defense.gov/>> accessed June 13, 2011 and calculations by Hawaii State Department of Business, Economic Development & Tourism.