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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: 2010* 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 2009

[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						

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

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 23, 2009.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2009**

[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

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

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:
SEPTEMBER 30, 2008**

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
Total	57,110	39,770	21,725	6,873	6,302	4,870	17,340	5,053	9,225	2,069	993
Aiea	365	281	-	277	-	4	84	-	75	-	9
Barbers Point NAS	170	58	-	57	-	1	112	3	31	23	55
Camp H.M. Smith	1,188	875	-	-	630	245	313	-	278	27	8
Ford Island	130	-	-	-	-	-	130	1	91	-	38
Fort Shafter	1,197	-	-	-	-	-	1,197	1,179	-	1	17
Hickam AFB	5,732	3,771	-	10	24	3,737	1,961	2	84	1,763	112
Honolulu	1,127	107	-	73	-	34	1,020	174	733	14	99
Kaneohe	6,868	6,257	-	763	5,493	1	611	-	544	-	67
Kauai Island	191	62	-	62	-	-	129	1	126	-	2
Kunia	2,149	2,030	-	1,384	92	554	119	42	75	2	-
Oahu Island	243	36	-	36	-	-	207	207	-	-	-
Pearl City	335	3	-	2	-	1	332	28	304	-	-
Pearl Harbor	6,421	3,764	-	3,609	62	93	2,657	4	2,238	-	415
Schofield Barracks	1,047	-	-	-	-	-	1,047	932	-	-	115
Tripler Army Med. Ctr.	1,848	13	-	10	-	3	1,835	1,827	8	-	-
Wahiawa	685	569	-	569	-	-	116	11	91	-	14
Wheeler AFB/Army Fld	719	152	-	-	-	152	567	416	-	109	42
Other	26,695	21,792	21,725	21	1	45	4,903	226	4,547	130	-

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location. Navy/Marine Corps includes military shore-based personnel and temporary shore-based personnel and 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, September 30, 2008, "DoD Military and Civilian Personnel by State - September 30, 2008"

<<http://siadapp.dmdc.osd.mil/personnel/M02/fy08/08top.htm>> accessed November 19, 2009.

**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
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
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]

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-- DEFENSE-RELATED APPROPRIATIONS BILL
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 10.08-- DEFENSE-RELATED APPROPRIATIONS BILL
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 10.09-- 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 Obligational 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> 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 10.10-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2009

[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
2006 3/					
Military personnel 1/	34,935	18,687	6,080	5,050	5,118
2007 3/					
Military personnel 1/	34,838	19,867	5,595	4,483	4,893
2008 3/					
Military personnel 1/	37,847	21,554	5,320	6,306	4,667
2009 3/					
Military personnel 1/	36,890	21,267	5,472	5,574	4,577

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, 2009.

**Table 10.11-- 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 10.12 -- 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]

Industry sector	Output (in millions of dollars)	Labor income (in millions of dollars)	Jobs (number)
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 10.13-- 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 10.13-- 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 10.14-- 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/departement-info/dod-annual-reports>> accessed July 21, 2010; and records.

**Table 10.15-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGE, 1990 TO 2009**

[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 2/	32,200	16,550	4,100
2009 2/	33,300	17,450	4,200

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

2/ Data were benchmarked in March 2010.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Annual Average Jobcount by Detailed Industry" <https://www.hiwi.org/admin/uploadedPublications/524_CESST90S.PDF> and "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <http://www.hiwi.org/admin/uploadedPublications/525_CESST00S.PDF> accessed March 10, 2010.

Table 10.16-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2003 TO 2009

[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

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

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

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual)

<<http://www.sss.gov/PUBLIC.HTM>> accessed May 26, 2010.

**Table 10.17-- 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 have been revised from previous *Data Book* 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/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 10.18-- 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 3/	1,433,119	347,108	771,034	156,322	158,655
2003 3/	1,807,959	395,465	713,601	253,198	445,695
2004 3/	1,713,892	529,634	584,625	223,409	376,223
2005 3/	1,990,796	521,085	556,978	380,830	531,903
2006 3/	1,963,465	602,972	537,112	344,093	479,288
2007 3/	2,158,036	661,531	922,289	297,619	276,597
2008 3/	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).

3/ The total and/or one or more components have been revised slightly from previous *Data Book*.

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 10.19-- 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 has been revised slightly but 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 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006

[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	2003	2004	2005	2006 1/
Hawaii number of contractors	49	48	41	41
Hawaii total contracts	284,976	196,793	204,533	319,430
Large business	100,474	73,876	87,310	119,085
Small business	184,502	122,917	117,223	200,345
Small disadvantaged business	75,168	21,583	34,370	25,850
Women-owned business	30,245	15,931	11,633	42,454
HBCU/MI 2/	162	133	31	208
HUBZone 3/	8,402	6,109	2,747	16,399
Veteran-owned	8,137	13,269	19,536	17,459
Service-disabled veteran-owned	264	219	282	467
Hawaii contracts as percent of total	100.0	100.0	100.0	100.0
Large business	35.3	37.5	42.7	37.3
Small business	64.7	62.5	57.3	62.7
Small disadvantaged business	26.4	11.0	16.8	8.1
Women-owned business	10.6	8.1	5.7	13.3
HBCU/MI 2/	0.1	0.1	(4/)	0.1
HUBZone 3/	2.9	3.1	1.3	5.1
Veteran-owned	2.9	6.7	9.6	5.5
Service-disabled veteran-owned	0.1	0.1	0.1	0.1
United States number of contractors	1,983	1,639	1,625	1,493
United States total contracts	86,383,380	101,677,468	120,947,969	106,472,454
Large business	54,450,581	66,571,644	77,332,006	66,906,557
Small business	31,932,800	35,105,824	43,615,963	39,565,897
Small disadvantaged business	4,068,207	4,135,337	5,363,344	5,091,551
Women-owned business	4,165,248	4,946,268	5,956,704	5,817,559
HBCU/MI 2/	30,209	233,540	145,624	60,818
HUBZone 3/	879,640	1,083,164	1,434,765	1,786,961
Veteran-owned	2,078,571	2,744,357	3,447,490	3,705,866
Service-disabled veteran-owned	296,602	449,021	519,237	718,462

Continued on next page.

Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006 -- Con.

Procurement program	2003	2004	2005	2006 1/
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	63.0	65.5	63.9	62.8
Small business	37.0	34.5	36.1	37.2
Small disadvantaged business	4.7	4.1	4.4	4.8
Women-owned business	4.8	4.9	4.9	5.5
HBCU/MI 2/	(4/)	0.2	0.1	0.1
HUBZone 3/	1.0	1.1	1.2	1.7
Veteran-owned	2.4	2.7	2.9	3.5
Service-disabled veteran-owned	0.3	0.4	0.4	0.7

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. Future *Data Book* updates of military subcontracting are expected to be based on those data/sites.

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

3/ HUBZone Historically underutilized business zone.

4/ Less than 0.1.

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> accessed October 22, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2008

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		6,458	42,588,549	238,920	176,996	34,792.3	73,976	51,264	14,872	7,840
Army total		1,522	14,747,013	197,673	141,211	9,270.7	35,834	23,839	4,254	7,741
Army Active		1,463	13,996,755	169,397	140,967	9,221.8	33,600	21,930	4,167	7,503
Aliamanu Military Reservation	Honolulu	103	280,061	599	592	680.1	65	-	-	65
Dillingham Military Res	Waialua	5	4,176	664	664	43.5	40	-	-	40
Fort De Russey	Honolulu	9	783,763	73	73	188.9	865	-	-	865
Fort Shafter	Honolulu	134	1,620,196	590	589	819.0	6,718	4,263	1,117	1,338
Helemano Military Reservation	Wahiawa	23	243,047	293	-	451.3	470	421	-	49
Kahuku Training Area	Kahuku	13	22,227	9,480	8,330	22.3	-	-	-	-
Kilauea Military Reserve	Hawaii Nat'l Park	87	152,207	72	13	66.2	82	-	-	82
Kipapa Ammo Storage Site	Pukalani	70	179,462	401	401	73.9	-	-	-	-
Makua Military Reserve	Waianae	4	4,873	4,195	3,406	19.8	-	-	-	-
Pohakuloa Training Area	Hilo	172	293,849	131,886	108,851	271.5	169	13	65	91
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	109	109	12.3	-	-	-	-
Schofield Bks Mil Reservation	Wahiawa	492	6,818,663	18,676	15,600	4,129.9	16,744	12,689	1,448	2,607
Signal Cable Trunking System	Wahiawa	42	8,971	201	201	97.7	-	-	-	-
Tripler Army Medical Center	Honolulu	40	1,877,420	367	367	1,141.0	4,446	1,566	1,407	1,473
USA Field Station Kunia	Kunia	9	272,040	95	89	133.9	587	437	9	141
Waianae-Kai Military Reservation	Waianae	46	47,458	14	-	19.6	23	-	-	23
Waikakalaua Ammo Storage Tunnels	Schofield Barracks	49	104,236	312	312	41.3	-	-	-	-
Wheeler Army Airfield	Wahiawa	165	1,284,106	1,370	1,370	1,009.6	3,391	2,541	121	729
10 other Army sites 4/		59	750,258	28,276	242	48.9	2,234	1,909	87	238
Air Force total		508	5,596,489	3,980	3,032	4,481.0	9,700	8,291	1,333	76
Air Force Active		468	5,337,984	3,336	3,026	4,240.2	8,436	7,081	1,326	29
Bellows Air Force Station	Waimanalo	97	142,139	487	409	160.0	38	28	10	-
Hickam Air Force Base	Hickam AFB	316	5,092,658	2,535	2,525	3,818.9	8,338	7,011	1,298	29
Hickam Petroleum Products Storage Annex	Wahiawa	18	10,417	151	92	185.2	-	-	-	-
Kaena Point Satellite Tracking Station	Haleiwa	25	69,531	153	-	60.3	20	2	18	-
Kokee Air Force Station	Kekaha	12	23,239	10	-	15.8	40	40	-	-
Air National Guard		4	31,016	11	-	20.6	253	253	-	-
Barking Sands Communication Station	Kekaha	4	31,016	11	-	20.6	253	253	-	-
15 other Air Force sites 4/		36	227,489	632	-	220.3	1,011	957	7	47

Continued on next page.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2008 -- 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		631	4,835,526	4,670	4,661	4,885.7	8,517	7,825	674	18
Marine Active		621	4,819,337	3,395	3,389	4,878.0	8,517	7,825	674	18
Marine Corps Base Camp Smith	Aiea	51	615,939	221	219	457.7	1,417	1,250	149	18
Marine Corps Base Hawaii Kaneohe	Kaneohe	539	3,932,119	2,955	2,951	4,157.5	7,100	6,575	525	-
Marine Corps Base Manana Capehart	Pearl City	4	6,780	52	52	164.9	-	-	-	-
Marine Corps Base Hawaii Pearl City Annex	Pearl City	6	207,120	27	27	61.2	-	-	-	-
Puuloa-Oahu	Ewa Beach	21	57,379	140	140	36.7	-	-	-	-
3 other Marine sites 4/		10	16,189	1,276	1,273	7.8	-	-	-	-
Navy total		3,797	17,409,521	32,598	28,093	16,154.8	19,925	11,309	8,611	5
Navy Active		3,783	17,355,124	30,416	27,107	16,100.1	19,898	11,282	8,611	5
Aiea	Aiea	22	28,878	91	91	265.3	-	-	-	-
CSO Barbers Point HI	Barbers Point	-	-	1,246	1,116	109.6	1	1	-	-
Ewa	Ewa Beach	1,894	3,357,126	3,144	3,130	1,231.0	-	-	-	-
Honolulu	Pearl Harbor	134	1,131,540	576	573	1,966.7	-	-	-	-
Kalaeloa	Barbers Point	165	989,169	254	246	549.8	-	-	-	-
Kamokala Ridge	Kekaha	13	23,582	89	-	18.7	-	-	-	-
Kunia	Kunia	-	-	96	-	171.1	-	-	-	-
Makaha Ridge	Kokee	14	23,844	245	-	35.9	-	-	-	-
Manana Housing/Pw Area	Pearl City	1	775	23	23	42.7	-	-	-	-
Naval Station Pearl Harbor	Pearl Harbor	633	9,103,227	7,292	7,238	8,087.9	19,897	11,281	8,611	5
PACMISRANFAC Hawaiian Area	Kekaha	204	455,832	4,568	1,933	533.0	-	-	-	-
Pearl City	Pearl City	13	223,707	633	626	484.1	-	-	-	-
Red Hill	Honolulu	7	11,981	243	242	953.5	-	-	-	-
Wahiawa	Wahiawa	95	423,569	743	720	476.1	-	-	-	-
Waianae	Lualualei	430	1,099,053	9,229	9,228	779.8	-	-	-	-
Waikele	Waipahu	134	439,967	488	487	275.6	-	-	-	-
Waipahu	Waipahu	24	42,874	1,456	1,454	119.3	-	-	-	-
65 other Navy sites 4/		14	54,397	2,183	987	54.9	27	27	-	-

1/ This report also inventories leased buildings (3) and square footage (62,780) and other than owned or leased buildings (7,497) and square footage (25,827,273).

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 2009 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/BSR2009Baseline.pdf>> accessed October 15, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.22-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2008

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	139	5	4	69	61
Army	28	1	2	21	4
Navy	82	2	2	23	55
Air Force	21	1	-	18	2
Marine Corps	8	1	-	7	-
United States	4,742	97	100	3,420	1,125
Army	2,004	39	30	1,441	494
Navy	1,011	16	28	604	363
Air Force	1,590	33	37	1,277	243
Marine Corps	123	7	5	86	25
Washington Headquarters Service	14	2	-	12	-
Hawaii as percent of the U.S.	2.9	5.2	4.0	2.0	5.4
Army	1.4	2.6	6.7	1.5	0.8
Navy	8.1	12.5	7.1	3.8	15.2
Air Force	1.3	3.0	0.0	1.4	0.8
Marine Corps	6.5	14.3	0.0	8.1	0.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.690 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.690 billion and greater than or equal to \$901 million.

3/ A small installation has a total plant replacement value (PRV) less than \$901 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 2009 Baseline*, pp. DOD-22 and 25 <<http://www.acq.osd.mil/ie/download/bsr/BSR2009Baseline.pdf>> accessed October 15, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

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

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

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

**Table 10.24-- 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 10.25-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING RATES, BY COUNTY: 2010

[In dollars. For fiscal year ending September 30. 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 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. Basic Allowances for Housing 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	1,746	2,001	1,413	1,737	1,317	1,572	1,062	1,302
E02	1,746	2,001	1,413	1,737	1,317	1,572	1,062	1,302
E03	1,746	2,001	1,413	1,737	1,317	1,572	1,062	1,302
E04	1,746	2,001	1,413	1,737	1,317	1,572	1,062	1,302
E05	1,830	2,094	1,476	1,893	1,548	1,794	1,227	1,455
E06	2,040	2,445	1,815	2,061	1,674	1,917	1,362	1,605
E07	2,073	2,553	1,848	2,079	1,752	2,004	1,419	1,746
E08	2,109	2,670	1,884	2,097	1,872	2,163	1,545	1,926
E09	2,178	2,808	1,947	2,265	1,938	2,274	1,650	1,977
W01	2,040	2,448	1,815	2,061	1,713	1,965	1,389	1,677
W02	2,088	2,601	1,863	2,085	1,869	2,160	1,542	1,923
W03	2,133	2,745	1,908	2,109	1,944	2,283	1,659	1,983
W04	2,193	2,832	1,959	2,325	2,049	2,472	1,824	2,064
W05	2,268	2,934	2,022	2,577	2,082	2,580	1,857	2,082
O01E	2,082	2,577	1,857	2,082	1,830	2,094	1,476	1,893
O02E	2,127	2,724	1,902	2,106	1,923	2,250	1,626	1,965
O03E	2,205	2,847	1,971	2,364	2,040	2,445	1,815	2,061
O01	1,851	2,133	1,515	1,911	1,662	1,905	1,350	1,581
O02	2,037	2,439	1,809	2,058	1,800	2,061	1,455	1,839
O03	2,130	2,739	1,905	2,109	1,965	2,319	1,692	2,001
O04	2,295	2,973	2,046	2,676	2,076	2,565	1,851	2,079
O05	2,412	3,138	2,145	3,084	2,100	2,634	1,875	2,313
O06	2,436	3,168	2,166	3,117	2,133	2,745	1,908	2,337
O07	2,460	3,201	2,187	3,147	2,175	2,799	1,947	2,361

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, Per Diem, Travel and Transportation Allowance Committee, "Basic Allowance for Housing (BAH) UPDATED: 15-DEC-2009" <<http://perdiem.hqda.pentagon.mil/perdiem/bah.html>>, accessed December 16, 2009.

**Table 10.26-- 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/	85,322	87,301	(NA)	92,000	92,000	91,000	90,000	90,000	89,000	89,000	89,000	89,000	88,000	88,000
Persian Gulf War 5/	(X)	(X)	(NA)	18,000	19,000	20,000	21,000	23,000	25,000	27,000	29,000	31,000	33,000	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 10.27-- 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 10.28-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES, BY COUNTY: 2007 TO 2009

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

Subject	State	Hawaii	City & County of Honolulu	Kalawao	Kauai	Maui
2007						
Veteran population 1/	118,633	16,156	84,752	7	6,153	11,566
Total expenditure	336,292	51,819	242,620	-	13,604	28,249
Compensation & pension 2/	174,876	28,688	122,438	-	6,944	16,807
Educ. & vocational rehab/emp.	20,931	1,102	19,204	-	146	479
Medical care 3/	117,122	20,517	80,703	-	5,861	10,041
Insurance & indemnities	13,195	1,512	10,108	-	653	923
Construction	414	-	414	-	-	-
General operating expenses	9,753	-	9,753	-	-	-
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	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop07 for 2007 to 2009).

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, in 2007, for pension to veterans' surviving spouse and children; but in 2008 and 2009, 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.

Source: U.S. Department of Veteran Affairs, Veteran Data & Information, Expenditure Data by Locality, Geographic Distribution of VA Expenditures (GDX) (annual)

<http://www1.va.gov/VETDATA/GDX/Geographical_data.asp> accessed July 19, 2010.

Table 10.29-- MILITARY RETIREMENT SYSTEM: 2009

[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	16,088	15,219	32,975	2,167
By branch of service 3/				
Army	5,874	5,490	11,346	2,067
Navy	4,620	4,413	9,987	2,263
Marine Corps	1,046	960	2,495	2,599
Air Force	4,548	4,356	9,147	2,100
Exhibit: Coast Guard 3/	357	346	(NA)	(NA)
By rank				
Officers	4,584	4,544	15,475	3,406
Nondisabled and reserve	4,434	4,415	15,145	3,430
Disabled	150	129	330	2,558
Enlisted	11,504	10,675	17,500	1,639
Nondisabled and reserve	10,598	10,229	17,056	1,667
Disabled	906	446	444	996
Department of Defense, over 65	7,056	6,558	14,431	2,201
By branch of service 3/				
Army	2,968	2,771	5,580	2,014
Navy	1,577	1,441	3,589	2,491
Marine Corps	369	345	981	2,843
Air Force	2,142	2,001	4,281	2,139
Exhibit: Coast Guard 3/	150	143	(NA)	(NA)
By rank				
Officers	2,373	2,348	7,780	3,313
Nondisabled and reserve	2,302	2,283	7,581	3,321
Disabled	71	65	199	3,062
Enlisted	4,683	4,210	6,652	1,580
Nondisabled and reserve	4,443	4,076	6,476	1,589
Disabled	240	134	176	1,313

Continued on next page.

Table 10.29-- MILITARY RETIREMENT SYSTEM: 2009 -- Con.

Category	Number retired	Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
Department of Defense, concurrent receipt	2,045	2,173	1,063
Concurrent Retirement & Disability Pay (CRDP)	1,743	2,210	1,268
Nondisabled	1,586	1,993	1,257
Disabled	93	153	1,645
Reserve	64	64	1,000
Combat Related Special Compension (CRSC)	569	593	1,042
Nondisabled	423	497	1,175
Disabled	65	52	800
Reserve	81	44	543
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,033	2,198	1,081
Army	1,068	1,079	1,010
Navy	436	509	1,167
Marine Corps	97	134	1,381
Air Force	432	475	1,100
Exhibit: Coast Guard 3/	33	(NA)	(NA)
Over 65 receiving pay 4/	1,716	1,922	1,120
Army	904	948	1,049
Navy	378	460	1,217
Marine Corps	74	106	1,432
Air Force	360	408	1,133
Exhibit: Coast Guard 3/	26	(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 2009 DOD Statistical Report on the Military Retirement System* (May 2010) pp. 25-29 and 192-193 <<http://www.defenselink.mil/actuary/>> accessed June 12, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.