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Section 10

NATIONAL DEFENSE

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

The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) has compiled periodic reports on military personnel and dependents since 1959. Other published sources include reports of the U.S. DOD, U.S. Census Bureau, U.S. Department of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations and the Hawaii State Department of Defense. Definitions used by these sources differ to some degree, and care is necessary in comparing data issued by two or more agencies. *Historical Statistics of Hawaii*, Section 26, includes series on the armed forces dating back to 1795. Section 10 of the *Statistical Abstract of the United States: 2012* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

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

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

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

NA Not available.

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

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

3/ As of March 31 or April 1.

4/ As of December 31.

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

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

[As of December 31, 2002]

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

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 2015

[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	1985	46,875	18,262	12,722	9,192	6,699
1954	23,654	7,957	6,443	4,155	5,099	1986	46,122	18,153	12,938	8,752	6,279
1955	40,258	19,821	5,211	9,677	5,549	1987	47,262	18,905	12,975	9,263	6,119
1956	37,470	16,531	5,237	9,490	6,212	1988	45,843	18,170	12,479	9,365	5,829
1957	40,683	17,511	5,466	9,608	8,098	1989	45,935	18,788	12,403	9,179	5,565
1958	35,076	14,672	4,908	8,670	6,826	1990	41,887	18,590	12,289	5,618	5,390
1959	36,310	15,438	5,309	8,470	7,093	1991	44,092	18,173	12,040	8,571	5,308
1960	35,412	15,492	5,687	7,756	6,477	1992	44,864	18,666	12,321	8,945	4,932
1961	39,474	16,945	5,774	9,679	7,076	1993	42,958	18,831	11,272	8,147	4,708
1962	41,657	17,645	6,664	9,903	7,445	1994	42,161	19,485	11,510	6,484	4,682
1963	40,610	16,589	6,545	9,950	7,526	1995	38,172	16,672	10,738	6,198	4,564
1964	45,046	18,566	6,777	10,613	9,090	1996	36,392	15,225	10,643	5,953	4,571
1965	41,984	20,006	6,700	6,154	9,124	1997	34,826	15,249	9,840	6,123	3,614
1966	30,136	8,712	6,251	4,485	10,688	1998	34,643	15,133	7,882	7,081	4,547
1967	34,338	10,923	7,041	5,277	11,097	1999	32,708	14,692	7,397	6,136	4,483
1968	42,332	10,871	14,961	5,509	10,991	2000	33,930	15,483	7,998	5,960	4,489
1969	43,018	12,918	12,652	6,361	11,087	2001	34,322	15,709	8,349	5,821	4,443
1970	38,397	9,639	11,996	7,189	9,573	2002	34,608	15,985	8,654	5,680	4,289
1971	34,515	9,738	10,392	5,319	9,066	2003	34,203	15,985	8,381	5,161	4,676
1972	39,150	13,093	10,752	6,803	8,502	2/ 2004	35,061	17,068	7,694	5,541	4,758
1973	43,809	17,336	10,729	7,695	8,049	2/ 2005	32,629	15,458	6,524	5,796	4,851
1974	42,204	17,581	10,072	7,192	7,359	2/ 2006	34,935	18,687	6,080	5,050	5,118
1975	43,071	17,312	10,852	8,403	6,504	2/ 2007	34,838	19,867	5,595	4,483	4,893
1976	43,903	18,037	10,531	9,174	6,161	2/ 2008	37,847	21,554	5,320	6,306	4,667
1977	42,835	17,476	9,647	9,783	5,929	2/ 2009	36,890	21,267	5,472	5,574	4,577
1978	43,907	18,711	10,458	8,796	5,942	2/ 2010	38,755	22,186	5,402	6,532	4,635
1979	45,408	17,446	10,562	11,397	6,003	2/ 2011	42,371	22,895	8,630	5,905	4,941
1980	43,313	17,118	10,976	9,277	5,942	2/ 2012	49,110	22,546	15,066	6,385	5,113
1981	44,141	17,962	10,948	9,070	6,161	2/ 2013	49,023	21,718	14,647	7,371	5,287
1982	44,470	17,457	11,880	8,926	6,207	2/ 2014	51,045	22,194	15,730	7,817	5,304
1983	44,651	17,466	12,671	7,926	6,588	2/ 2015	46,764	17,832	16,024	7,777	5,131
1984	47,648	19,222	12,960	8,703	6,763						

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

2/ Confirmation of personnel count requested of Defense Manpower Data Center. See following table for personnel count by location.

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)
 <https://www.dmdc.osd.mil/appj/dwp/dwp_reports.jsp> accessed November 24, 2015.

**Table 10.04-- ACTIVE DUTY AND RESERVE PERSONNEL,
BY SERVICE: 2008 TO 2017**

[As of September 30. Personnel located in Hawaii, as personnel deployed are counted in the location country]

Year and component	All services	Department of Defense					Coast Guard
		Total	Army	Navy	Marine Corps	Air Force	
Active duty							
2008	37,584	36,300	15,349	12,459	4,088	4,404	1,284
2009	37,473	36,110	14,158	13,411	4,202	4,339	1,363
2010	42,167	40,831	17,277	13,668	5,519	4,367	1,336
2011	42,991	41,644	18,483	13,563	4,928	4,670	1,347
2012	46,736	45,394	19,799	14,345	6,364	4,886	1,342
2013	48,304	47,002	21,238	14,486	6,113	5,165	1,302
2014	49,836	48,565	21,857	15,273	6,264	5,171	1,271
2015	46,123	44,872	17,631	15,877	6,355	5,009	1,251
2016	38,284	37,057	16,937	8,359	6,784	4,977	1,227
2017	36,620	35,412	16,313	7,792	6,370	4,937	1,208
National Guard and reserve 1/							
2008	8,919	8,790	5,130	726	35	2,899	129
2009	9,002	8,880	5,191	793	78	2,818	122
2010	9,255	9,116	5,216	743	83	3,074	139
2011	9,402	9,266	5,475	736	96	2,959	136
2012	9,216	9,070	5,247	777	89	2,957	146
2013	9,145	8,992	5,229	726	75	2,962	153
2014	9,319	9,167	5,433	666	62	3,006	152
2015	9,124	9,124	5,556	631	68	2,869	(2/)
2016	9,142	9,005	5,369	615	56	2,965	137
2017	9,402	9,283	5,525	611	281	2,866	119

1/ All services have reserve units and the Army and the Air Force also have National Guard units.

2/ Indicated as '0' in Source for all states and areas. Clarification from DMDC awaited.

Source: U.S. Department of Defense, Defense Manpower Data Center, "Counts of Active Duty and Reserve Service Members and APF Civilians By Location Country, Personnel Category, Service and Component" (annually September 30) <https://www.dmdc.osd.mil/appj/dwp/dwp_reports.jsp> accessed November 27, 2017 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.05-- FEDERAL GOVERNMENT MILITARY AND
CIVILIAN PERSONNEL: 1969 TO 2016**

[Estimates of employment for 1969 to 1974 are based on the 1967 Standard Industrial Classification (SIC), for 1975 to 1987 on the 1972 SIC, and for 1988 to 1997 on the 1987 SIC. Estimates of employment for 1998 to 2006 are based on the 2002 North American Industry Classification System (NAICS), for 2007 to 2010 on the 2007 NAICS, and for 2011 forward on the 2012 NAICS]

Year	Federal government			Year	Federal government		
	Total	Military 1/	Civilian		Total	Military 1/	Civilian
1969	104,362	69,603	34,759	1993	94,628	63,070	31,558
1970	102,400	68,949	33,451	1994	92,326	61,218	31,108
1971	98,613	65,586	33,027	1995	89,174	58,638	30,536
1972	99,074	66,350	32,724	1996	87,289	56,441	30,848
1973	102,197	70,540	31,657	1997	85,743	55,452	30,291
1974	102,021	70,896	31,125	1998	84,942	54,859	30,083
1975	103,159	72,142	31,017	1999	82,854	53,079	29,775
1976	100,327	69,170	31,157	2000	82,668	52,496	30,172
1977	96,689	66,396	30,293	2001	82,943	53,652	29,291
1978	96,891	66,416	30,475	2002	83,629	52,919	30,710
1979	95,902	65,104	30,798	2003	84,507	52,791	31,716
1980	97,046	66,457	30,589	2004	85,313	53,758	31,555
1981	93,829	62,944	30,885	2005	84,395	53,019	31,376
1982	94,451	62,628	31,823	2006	86,221	54,363	31,858
1983	98,270	65,863	32,407	2007	86,321	54,515	31,806
1984	101,126	68,406	32,720	2008	88,324	56,047	32,277
1985	102,322	68,904	33,418	2009	89,073	55,663	33,410
1986	100,922	67,691	33,231	2010	91,112	56,237	34,875
1987	102,338	69,062	33,276	2011	92,022	57,087	34,935
1988	102,001	68,813	33,188	2012	92,406	57,456	34,950
1989	101,759	68,470	33,289	2013	91,272	57,362	33,910
1990	100,945	67,225	33,720	2014 2/	90,388	57,270	33,118
1991	100,557	67,484	33,073	2015 2/	91,455	58,287	33,168
1992	98,516	65,717	32,799	2016	89,739	56,456	33,283

1/ Includes active duty military personnel that are stationed in the state plus the number of military reserve unit members. Navy personnel assigned to ships and other mobile units and Marines assigned to Fleet Marine Force units are measured according to the units' home ports rather than their actual locations as of the reporting date. The measure of employment of the military reserves, including the National Guard, is confined to members of reserve units that meet regularly for training. The state estimates are based on fiscal year-ending September 30-tabulations of military reserve strength provided by the Department of Defense. See also *State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods* (September 2017) <<https://www.bea.gov/regional/pdf/spi2016.pdf>>.

2/ 2014 'Civilian' and 'Total' and 2015 revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Annual Personal Income, "SA25 Total Full-Time and Part-Time Employment by SIC Industry" and "SA25N Total Full-Time and Part-Time Employment by NAICS Industry" (September 26, 2017) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed September 26, 2017 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.06-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2015**

[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 3/
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	(4/)	34,935	(4/)	17,079
2007	(4/)	34,838	(4/)	16,403
2008	(4/)	37,847	(4/)	17,340
2009	(4/)	36,890	(4/)	18,400
2010	(4/)	38,755	(4/)	(4/)
2011	(4/)	42,371	(4/)	(4/)
2012 4/	133,037	49,110	64,207	19,720
2013 4/	131,295	49,023	63,617	18,655
2014 4/ 5/	133,703	51,045	64,315	18,343
2015 4/	129,680	46,764	64,119	18,797

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. Confirmation of personnel count for 2004 to 2015 requested of Defense Manpower Data Center. See Table 10.04 for personnel count by location.

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

3/ Confirmation of personnel count for 2004 to 2015 requested of Defense Manpower Data Center. Not strictly comparable to civilian personnel counts elsewhere in the section.

4/ The DOD report containing number of dependents had not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1. The DOD report containing the number of civilians had not been issued since FY2009. As of June 30, 2012 DMDC data are available for similar reporting.

5/ Civilian personnel as of June 30, 2014.

Source: U.S. Department of Defense, Defense Manpower Data Center, 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); *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed July 13, 2010; "Total Military Personnel and Dependent End Strength By Service, Regional Area, and Country" and "Total Civilian Personnel and Dependent End Strength By Service, Regional Area, and Country" (annual, as of September 30) <<https://www.dmdc.osd.mil/>> accessed November 24, 2015.

**Table 10.07-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:
SEPTEMBER 30, 2009**

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

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

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

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

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

Table 10.08-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES, BY STATE: 2009

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

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

Continued on next page.

**Table 10.08-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES,
BY STATE: 2009 -- Con.**

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

1/ Prime contracts are generally reported at the location where the work is performed. Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted.

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

**Table 10.09-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLL, 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 10.09-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLL, 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 10.10-- DEPARTMENT OF DEFENSE SUMMARY OF SPENDING, PERSONNEL, PAYROLL, AND PRIME CONTRACT AWARDS: 2015

[In persons and billions of dollars, unless otherwise indicated. For fiscal year ending September 30]

Spending or personnel	Total	Honolulu	Hawaii	Maui 1/	Kauai
Total spending 2/	7.8	6.8	0.1	0.1	0.1
Total defense personnel 2/	73,487	62,951	595	602	256
Value of contract awards performed	Total	Army	Navy & Marines	Air Force	Other defense
2008	2.1	(NA)	(NA)	(NA)	(NA)
2009	2.3	(NA)	(NA)	(NA)	(NA)
2010	2.4	(NA)	(NA)	(NA)	(NA)
2011	2.5	(NA)	(NA)	(NA)	(NA)
2012	2.5	(NA)	(NA)	(NA)	(NA)
2013	2.4	(NA)	(NA)	(NA)	(NA)
2014	2.0	(NA)	(NA)	(NA)	(NA)
2015	2.0	(NA)	(NA)	(NA)	(NA)
Percent of 2015 total	100	35	43	4	18
Personnel or spending	Total	Active duty	Civilian	Reserve & National Guard	
Total personnel	73,487	(NA)	(NA)	(NA)	
Percent	100	62	26	13	
Total payroll 3/	5.7	(NA)	(NA)	(NA)	
Contracts (in percent)	100	(NA)	(NA)	(NA)	
Supply & equipment (in percent)	16	(NA)	(NA)	(NA)	
Research & dev. (in percent)	3	(NA)	(NA)	(NA)	
Service (in percent)	66	(NA)	(NA)	(NA)	
Construction (in percent)	15	(NA)	(NA)	(NA)	
Contractors receiving largest value of prime contract awards (\$ million)					
Contractor name	Amount	Contractor name	Amount		
BAE Systems	168.6	J & J Worldwide Services	30.9		
Tesoro	110.2	AT&T	28.0		
Manu Kai	62.7	Hansel Phelps Construction	27.8		
Raytheon	50.9	NAN-Samsung	25.4		
Ocean House Builders	41.3	Y. Hata	25.2		

NA Not available.

1/ Includes Kalawao.

2/ Total includes personnel and spending not identified by county.

3/ Active duty payroll includes Army, Navy/Marines, Air Force. The FY2013 report included all uniformed services: Army, Navy/Marines, Air Force, Coast Guard, National Oceanic & Atmospheric Administration (NOAA) & Public Health Service.

Source: U.S. Department of Defense, Office of Economic Adjustment, "Defense Spending by State Fiscal Year 2015" <<https://www.oea.gov/defense-spending-state-fiscal-year-2015>> accessed November 30, 2016.

**Table 10.11-- 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 10.12-- MILITARY CONSTRUCTION PROJECTS IN HAWAII: 2018

[For fiscal year ending September 30. Authorization amount in thousands of dollars]

Year, branch and location	Facility category title	Construction project title	Amount
TOTAL			316,076
Total DOD Budget submitted			258,576
Army			90,000
Fort Shafter	Airfield Operational Buildings	Command and Control Facility, Incr 3	90,000
Navy			158,076
Kaneohe Bay	Airfield Runways	LHD Pad Conversions MV-22 Landing Pads	19,012
Wahiawa	Communication Buildings	Communications/Crypto Facility	65,864
Joint Base Pearl Harbor-Hickam	Sewage & Industrial Waste Collection Lines	Sewer Lift Station & Relief Sewer Line	73,200
Air Force			5,500
Joint Base Pearl Harbor-Hickam	Training Buildings	Consolidated Training Facility	5,500
National Security Agency			5,000
Kunia	Electric Power Transmission & Distribution Lines	NSAH Kunia Tunnel Entrance	5,000
Total Congress-added projects			57,500
Army - Pohakuloa Training Area	(NA)	(NA)	25,000
Navy - Marine Corps Base Hawaii	(NA)	Mokapu Gate	26,500
Navy - Marine Corps Base Hawaii	(NA)	Energy resiliency projects	6,000

NA Not available.

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2018, Military Construction, Family Housing, and Base Realignment and Closure Program (C-1) <<http://comptroller.defense.gov/budgetmaterials/budget2018.aspx>> accessed October 19, 2017; News Release, "Trump Signs Fiscal Year 2018 Defense Authorization" (December 12, 2017) <<https://www.defense.gov/News/Article/Article/1394990/trump-signs-fiscal-year-2018-defense-authorization/>> accessed July 14, 2018; U.S. Senator Mazie Hirono, News Release "Hirono: Defense Authorization Bill Includes Provisions to Keep Hawaii Safe, Strengthen Hawaii's Economy" (November 16, 2017) <<https://www.hirono.senate.gov/news/press-releases/hirono-defense-authorization-bill-includes-provisions-to-keep-hawaii-safe-strengthen-hawaiiis-economy>> accessed July 30, 2018; Defense Acquisition University News "Fiscal Year 2018 National Defense Authorization Act (NDAA) Signed into Law" (December 18, 2017) <[https://www.dau.mil/training/career-development/logistics/blog/Fiscal-Year-2018-National-Defense-Authorization-Act-\(NDAA\)-Signed-into-Law](https://www.dau.mil/training/career-development/logistics/blog/Fiscal-Year-2018-National-Defense-Authorization-Act-(NDAA)-Signed-into-Law)> accessed July 30, 2018.

Table 10.13-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2006 TO 2015

[As of September 30]

Category	All services	Army	Navy	Marine Corps	Air Force
Military personnel 1/ 2/					
2006	34,935	18,687	6,080	5,050	5,118
2007	34,838	19,867	5,595	4,483	4,893
2008	37,847	21,554	5,320	6,306	4,667
2009	36,890	21,267	5,472	5,574	4,577
2010	38,755	22,186	5,402	6,532	4,635
2011	42,371	22,895	8,630	5,905	4,941
2012					
Total military and dependents 2/	113,317	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	49,110	22,546	15,066	6,385	5,113
Family members 3/	64,207	(NA)	(NA)	(NA)	(NA)
2013					
Total military and dependents 2/	112,640	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	49,023	21,718	14,647	7,371	5,287
Family members 3/	63,617	(NA)	(NA)	(NA)	(NA)
2014					
Total military and dependents 2/	115,360	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	51,045	22,194	15,730	7,817	5,304
Family members 3/	64,315	(NA)	(NA)	(NA)	(NA)
2015					
Total military and dependents 2/	110,883	(NA)	(NA)	(NA)	(NA)
Military personnel 1/ 4/	46,764	17,832	16,024	7,777	5,131
Family members 3/	64,119	(NA)	(NA)	(NA)	(NA)

NA Not available.

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/ The DOD report containing number of dependents had not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1. The DOD report containing the number of civilians had not been issued since FY2009. As of June 30, 2012 DMDC data is available for similar reporting.

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

4/ Confirmation of Army personnel count requested of Defense Manpower Data Center.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, "Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30" (annual); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual through 2005) <<http://siadapp.dior.whs.mil/personnel/Pubs.htm>> accessed May 31, 2006; *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed July 13, 2010; "Total Military Personnel and Dependent End Strength By Service, Regional Area, and Country" (annual) <<https://www.dmdc.osd.mil/appj/dwp/reports.do?category=reports&subCat=milActDutReg>> accessed November 24, 2015.

**Table 10.14-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,
BY SERVICE: 1990 TO 2017**

[As of September 30]

Year	All services	Army	Navy and Marine Corps			Air Force	Other defense activities
			Total	Navy	Marine Corps		
1990	19,857	5,548	11,951	(NA)	(NA)	2,244	114
1991	18,978	5,148	11,423	(NA)	(NA)	2,199	208
1992	17,893	4,933	10,886	(NA)	(NA)	1,431	643
1993	17,341	4,839	10,198	(NA)	(NA)	1,398	906
1994	17,038	4,647	9,923	(NA)	(NA)	1,371	1,097
1995	17,179	4,820	10,014	(NA)	(NA)	1,323	1,022
1996	16,824	4,936	9,564	(NA)	(NA)	1,275	1,049
1997	17,216	4,779	9,361	(NA)	(NA)	1,951	1,125
1998	16,028	4,437	9,237	(NA)	(NA)	1,269	1,085
1999	16,318	4,293	8,864	(NA)	(NA)	2,026	1,135
2000	16,723	4,471	8,999	(NA)	(NA)	2,074	1,179
2001	16,699	4,455	9,068	(NA)	(NA)	2,098	1,078
2002	16,508	4,441	8,925	(NA)	(NA)	2,075	1,067
2003	16,602	4,304	9,293	(NA)	(NA)	1,961	1,044
2004	16,576	4,302	9,230	(NA)	(NA)	1,966	1,078
2005	16,307	4,320	9,075	(NA)	(NA)	1,980	932
2006 1/	17,079	4,750	9,130	(NA)	(NA)	2,109	1,090
2007	16,403	4,662	8,922	(NA)	(NA)	2,042	777
2008 2/	16,902	4,805	9,117	8,560	557	2,007	973
2009 2/	17,828	5,212	9,472	8,829	643	2,106	1,038
2010 2/	18,908	5,701	9,938	9,209	729	2,176	1,093
2011 2/	19,198	5,766	10,555	9,865	690	1,808	1,069
2012 2/	19,244	5,723	10,650	9,990	660	1,795	1,076
2013 2/	18,265	5,347	10,112	9,434	678	1,764	1,042
2014 2/	18,057	5,139	10,100	9,417	683	1,787	1,031
2015 2/	18,487	5,104	10,336	9,680	656	1,762	1,285
2016 2/	18,733	5,126	10,568	9,932	636	1,772	1,267
2017 2/	18,739	5,137	10,682	10,071	611	1,674	1,246

NA Not available.

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*.

2/ The DOD reports containing the number of civilians had been discontinued. As of the reporting for September 30, 2008, Defense Manpower Data Center (DMDC) detailed APF (appropriated fund) data has been substituted which resulted in revision of the 2008 to 2015 data.

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; and "Counts of Active Duty and Reserve Service Members and APF Civilians By Location Country, Personnel Category, Service and Component" (annually September 30) <https://www.dmdc.osd.mil/appj/dwp/dwp_reports.jsp> accessed January 16, 2018.

Table 10.15 -- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2017

[Based on inter-industry relationships in 2012. Include direct, indirect, and induced impacts.
Industries sorted for greatest output impact]

Industry sector	Output (millions of dollars)	Labor income (millions of dollars)	Jobs (number)
Total	1,702.8	936.6	11,019
Federal government	820.0	670.1	6,022
Real estate and rentals	158.9	14.2	353
Other manufacturing	119.1	7.9	118
Health services	92.9	47.1	737
Mining and construction	62.2	25.2	277
Retail trade	57.1	19.8	529
Professional services	50.9	26.9	364
Business services	47.5	28.0	669
Wholesale trade	43.7	10.6	136
Finance and insurance	43.4	11.7	217
Other services	34.1	16.5	377
Utilities	32.7	4.4	30
Eating and drinking	28.7	10.6	356
Information	24.3	6.7	82
Transportation	22.8	7.2	124
State and local government	17.6	12.2	158
Food processing	11.8	2.2	53
Accommodation	11.7	3.7	56
Educational services	10.9	6.9	158
Agriculture	6.9	2.3	101
Arts and entertainment	5.4	2.3	104

Source: Hawaii State Department of Business, Economic Development & Tourism based on Hawaii State Department of Business, Economic Development & Tourism, *2012 State Input-Output Study* (March 2016) <http://dbedt.hawaii.gov/economic/reports_studies/2012-io/> accessed June 8, 2018.

**Table 10.16-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2014**

[In dollars. For fiscal year ending September 30]

Category	Army National Guard	Air National Guard
Total Federal support	192,137,376	139,086,187
Total funds allotted to U.S. Property & Fiscal Office	151,328,795	69,099,639
National Guard personnel appropriations		
Military pay, transportation, and travel	1,709,884	3,769,390
Military uniform	146,803	61,108
Subsistence	111,396	1,011,000
Oper. and maint., military constr. approp.		
Civilian pay	76,458,700	24,761,861
Transportation and travel	-	108,300
Personnel deployments	1,037,260	2,266,389
Equip., supplies & services operations & maint.		
Equipment supplies	347,100	3,243,822
Supplies	4,084,702	4,786,544
Depot level reparable	176,136	-
Aviation fuel 1/	52,369,734	1,118,060
Other operating supplies & service	1,313,830	2,340,165
Major construction	-	-
Architectural and engineering services	-	-
Minor construction/major repairs	7,330,273	-
Operations & maintenance agreements	6,242,977	25,633,000
Total funds provided by National Guard Bureau	40,808,581	69,986,547
Annual training pay	3,009,027	5,143,972
Other active duty pay	4,432,614	16,642,928
Inactive duty training pay	14,431,797	11,770,535
Basic training pay	1,184,778	557,500
Active Guard Reserve pay	17,750,365	35,871,612

1/ "Aviation fuel" for Air National Guard appears to be missing a digit, DBEDT tentatively calculated as residual. Clarification requested from DoD.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year 2014*
<<http://dod.hawaii.gov/department-info/annual-reports/>> accessed June 27, 2015.

Table 10.17-- ARMY AND AIR NATIONAL GUARD STRENGTH: 1980 TO 2015

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

Year	Actual strength			Authorized strength		
	Total	Army National Guard	Air National Guard	Total	Army National Guard	Air National Guard
1980	5,378	3,468	1,910	6,090	4,053	2,037
1981	5,338	3,395	1,943	6,216	4,181	2,035
1982	5,720	3,698	2,022	6,238	4,201	2,037
1983	5,799	3,768	2,031	6,127	4,012	2,115
1984	5,866	3,793	2,073	6,207	3,992	2,215
1985	6,096	3,869	2,227	6,227	4,005	2,222
1986	5,882	3,685	2,197	6,250	4,016	2,234
1987	5,848	3,654	2,194	6,517	4,237	2,280
1988	5,832	3,658	2,174	6,461	4,160	2,301
1989	5,810	3,641	2,169	6,505	4,154	2,351
1990	5,702	3,579	2,123	6,469	4,237	2,232
1991	5,635	3,547	2,088	6,473	4,252	2,221
1992	5,665	3,500	2,165	6,480	4,258	2,222
1993	5,689	3,430	2,259	6,490	4,056	2,434
1994	5,689	3,430	2,259	6,490	4,056	2,434
1995	6,078	3,744	2,334	7,061	4,462	2,599
1996	5,381	2,995	2,386	6,025	3,564	2,461
1997	5,511	3,120	2,391	6,047	3,543	2,504
1998	5,475	3,053	2,422	6,047	3,543	2,504
1999	5,475	3,053	2,422	6,047	3,543	2,504
Year	Total assigned strength	Army National Guard	Air National Guard			
2000	5,415	3,010	2,405			
2001	5,383	2,978	2,405			
2002	5,334	2,914	2,420			
2003	5,233	3,009	2,224			
2004	5,233	3,009	2,224			
2005 1/	> 5,300	> 3,000	> 2,300			
2006 2/	5,300	3,000	2,300			
2007 1/	> 4,970	> 2,680	2,290			
2008 1/	> 5,000	> 2,800	> 2,200			
2009 1/	> 5,300	3/ 2,900	> 2,400			
2010 1/	> 5,500	3/ 3,000	> 2,500			
2011 1/	2/ 5,500	4/ > 3,000	> 2,500			
2012	2/ 5,500	3/ 5/ 2,900	2/ 6/ 2,500			
2013 1/	2/ 5,500	7/ > 3,000	2/ 6/ 2,500			
2014 1/	2/ 5,500	7/ > 3,000	2/ 6/ 2,500			
2015 1/	2/ 5,500	7/ > 3,000	2/ 6/ 2,500			

- 1/ Angled bracket open to left indicates 'greater than'.
- 2/ Counts approximate.
- 3/ Count reported as 'nearly' number shown.
- 4/ Authorized as of June 30, 2010.
- 5/ As of June 30, 2011.
- 6/ Authorized as of July 1.
- 7/ As of September of year indicated.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 to 2015) <<http://dod.hawaii.gov/departments-info/annual-reports/>> accessed July 15, 2016; and records.

**Table 10.18-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGE, 1990 TO 2017**

[According to the North American Industrial Classification System (NAICS) adopted in 1997. Data are rounded to the nearest 100, except for 2001 to 2009 which are rounded to the nearest 50. Totals may not add due to rounding or residual categories]

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	33,300	17,500	4,200
2010	34,800	18,500	4,300
2011	34,900	19,100	4,300
2012	34,900	19,100	4,500
2013 2/	33,900	18,300	4,300
2014 2/	33,200	17,900	4,500
2015 2/	33,100	18,100	4,800
2016 2/	33,200	(3/)	(3/)
2017 2/	33,400	(3/)	(3/)

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

2/ Data were benchmarked by Hawaii Department of Labor and Industrial Relations in March 2018.

3/ Hawaii Department of Labor and Industrial Relations discontinued series.

Source: Hawaii State Department of Labor and Industrial Relations, Current Employment Statistics, Historical Jobcount by Industry - Annual "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed March 9, 2018.

Table 10.19-- SELECTIVE SERVICE REGISTRATION FOR HAWAII AND THE UNITED STATES: 2011 TO 2016

[Fiscal year ending September 30 for 2011 to 2014, and beginning FY 2015 report shows calendar year]

Subject	Registrants 1/	
	Hawaii	United States 2/
FY 2011		
Entire registrant group, 18 - 25 years old, born 1986-1993	63,409	15,665,624
Draft eligible men, 20 - 25 years old, born 1986 - 1991	52,385	12,860,406
FY 2012		
Entire registrant group, 18 - 25 years old, born 1987-1994	64,018	15,825,085
Draft eligible men, 20 - 25 years old, born 1987 - 1992	53,000	12,979,918
FY 2013		
Entire registrant group, 18 - 25 years old, born 1988-1995	65,314	16,086,242
Draft eligible men, 20 - 25 years old, born 1988 - 1993	53,688	13,134,801
FY 2014		
Entire registrant group, 18 - 25 years old, born 1989-1996	65,513	16,202,005
Draft eligible men, 20 - 25 years old, born 1989 - 1994	54,240	13,234,298
CY 2014		
Entire registrant group, 18 - 25 years old, born 1989-1996	68,522	16,902,602
Draft eligible men, 20 - 25 years old, born 1989 - 1994	55,009	13,393,444
CY 2015		
On-time registration eligible men, 18 years old, born 1997	5,922	1,583,759
Entire registrant group, 18 - 25 years old, born 1990-1997	68,594	16,949,847
Draft eligible men, 20 - 25 years old, born 1990 - 1995	55,055	13,422,738
CY 2016		
On-time registration eligible men, 18 years old, born 1998	5,918	1,557,181
Entire registrant group, 18 - 25 years old, born 1991-1998	68,270	16,829,936

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)
<<https://www.sss.gov/Reports/Annual-Report-to-Congress>> accessed April 19, 2018 and records.

**Table 10.20-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)
INELIGIBILITY RATE, BY RACE/ETHNICITY, BY STATE: 2009**

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

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

Continued on next page.

**Table 10.20-- 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://edtrust.org/wp-content/uploads/2013/10/ASVAB_4.pdf> accessed July 13, 2016.

**Table 10.21-- 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. *Data Book* updates are 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 10.22-- 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 10.23-- 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. *Data Book* updates are 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 10.24-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007

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

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

Continued on next page.

Table 10.24-- 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> accessed November 8, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.25-- DEPARTMENT OF DEFENSE PROCUREMENT CONTRACTS
AWARDED, BY SELECTED TYPE OF BUSINESS: 2013 TO 2017**

[In thousands of dollars unless otherwise indicated. Fiscal year ending September 30. Contracts are for Hawaii as as the 'Place of Performance' which is defined as the location where the items will be produced, manufactured, mined, or grown or where the service will be performed. Contract action is any oral or written action that results in the purchase, rent, or lease of supplies or equipment, services, or construction using appropriated dollars over the micro-purchase threshold, or modifications to these actions regardless of dollar value. See also <https://www.fpds.gov/wiki/index.php/FPDS-NG_FAQ>. Components may not add to total or subtotal as not are specifically shown. Data extracted from dynamic database may result in change in one or more items which are not indicated as revisions below]

Category 1/	2013	2014	2015	2016	2017
Total contract actions (number) 2/	16,069	17,641	30,077	24,399	54,878
Total contract actions value 2/	1,657,004	2,156,988	1,729,370	1,852,489	1,795,898
Small business 2/	841,657	1,016,145	868,501	1,066,437	887,745
Small business as share of total (%) 2/	50.8	47.1	50.2	57.6	49.4
Small disadvantaged business 2/	527,533	613,479	549,506	711,106	518,478
Women-owned business	147,425	163,369	143,392	185,519	174,457
HUBZone 3/	97,120	102,910	88,000	128,259	91,354
Veteran-owned 2/	113,753	120,904	125,291	145,073	142,045
Service-disabled veteran-owned 2/	69,836	92,904	68,577	74,306	86,640
8(a) firm 2/	415,758	398,008	311,918	369,395	349,533
Javits-Wagner-O'Day Program	22,216	21,291	19,901	24,035	23,574
HBCU 4/	-	-	-	-	-
Educational institutions	24,227	23,611	15,621	21,852	9,397
Asian Pacific	366,118	308,517	277,442	284,091	293,491
Minority institutions	-	40	-	-	-
Local government	2,381	1,653	1,120	2,200	2,412
State government	21,681	29,846	20,186	27,774	15,696
U.S. Tribal government	-	-	-	-	-
American Indian	19,181	13,733	11,487	17,304	38,193
Native American	244,355	239,327	189,189	313,387	175,940
Indian tribe 5/	11,190	7,685	5,737	6,822	29,395
Native Hawaiian-owned 2/	214,452	142,164	125,873	162,713	157,660
Tribally-owned	13,893	62,680	11,587	45,271	70,475
Alaskan Native-owned	30,716	94,751	50,026	143,964	115,887
Asian Indian	3,536	22,552	66,265	43,700	19,877
Minority-owned	699,015	682,135	627,343	682,424	552,164
Black-owned	16,696	18,807	18,402	28,216	21,235
Hispanic-owned	30,451	59,385	52,233	35,898	41,404
Non-profit organization 2/	30,809	23,867	20,717	25,076	24,678
Emerging small business	191,182	126,658	70,142	26,049	-952
Hospital	147	138	97	93	87

1/ After 2009, DOD data 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.

2/ 2016 revised from previous *Data Book*.

3/ HUBZone Historically underutilized business zone.

4/ HBCU Historically Black Colleges and Universities.

5/ Federally recognized.

Source: Federal Procurement Data System - Next Generation, Geographic Report by Place of Performance, FY 2013 to FY 2015 <https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed June 24, 2016; FY 2016 and FY 2017 <https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed March 16, 2018, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.26-- DEPARTMENT OF DEFENSE PRIME PROCUREMENT
CONTRACTS FOR HAWAII AND THE UNITED STATES:
1998 TO 2017**

[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. In thousands of dollars and number of transactions. Transactions include the initial contract award and all amendments or modifications to that award. Fiscal years ending September 30.

Note: Federal Procurement Data System (FPDS) requires a minor registration consisting of an email but anyone is invited to become a public user]

Year	Hawaii		United States 1/	
	Amount (\$1,000)	Number	Amount (\$1,000)	Number
1998	888,664	3,659	112,363,282	268,715
1999	984,270	3,818	117,592,409	279,061
2000	1,159,555	6,226	125,180,289	316,958
2001	1,307,175	6,186	137,724,643	336,704
2002	1,434,540	8,523	161,416,533	472,007
2003	1,810,699	13,021	195,894,136	593,073
2004	1,783,119	15,551	205,854,664	739,310
2005	2,008,499	55,028	239,372,513	3,251,629
2006	1,958,159	39,286	262,131,223	3,183,594
2007	2,160,199	37,277	298,898,253	3,246,996
2008	2,307,281	33,719	354,986,924	3,356,961
2009	2,383,515	33,066	331,119,808	3,241,852
2010	2,365,417	34,009	323,248,858	3,309,741
2011	2,820,646	35,659	329,439,997	13,589,009
2012	2,551,348	31,771	319,342,497	12,425,461
2013	1,657,042	16,077	268,803,841	9,336,205
2014	2,154,034	17,343	260,750,333	11,512,902
2015	1,730,459	30,097	253,322,049	11,775,750
2016	1,852,489	24,400	278,922,966	12,291,629
2017	1,795,819	54,888	299,573,776	12,670,709

1/ Includes all 50 states, the District of Columbia, and territories of American Samoa, Guam, Puerto Rico, the Virgin Islands, and the Northern Marianas, and selected contracts of the armed forces in Europe.

Source: Federal Procurement Data System, Standard Reports by Place of Performance, FY1998 to 2017
<https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed July 25, 2018.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2014

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ (\$mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Hawaii total		4,871	42,044,248	6,581	27,806,502	224,897	163,467	44,815.2
Army total		1,606	15,351,905	3,224	15,269,829	189,455	141,442	13,386.2
Army active		1,564	14,622,147	3,223	15,252,325	166,257	141,254	13,014.8
Aliamanu Military Reservation	Honolulu	103	281,356	771	2,876,646	600	593	1,005.0
Dillingham Military Res	Waialua	5	4,176	-	-	664	664	35.5
Fort De Russy	Honolulu	15	796,892	-	-	73	73	207.1
Fort Shafter	Honolulu	153	1,727,558	162	519,068	589	589	890.1
Helemano Military Reservation	Wahiawa	22	318,692	216	1,556,062	293	282	675.8
Kahuku Training Area	Kahuku	22	33,603	-	-	9,480	8,330	31.7
Kawaihae Military Reserve	Waimea	1	938	-	-	11	10	14.6
Kilauea Military Reserve	Hawaii Nat'l Park	94	167,411	-	-	72	13	59.6
Kipapa Ammo Storage Site	Mililani	70	179,462	-	-	401	401	115.2
Makua Military Reserve	Waianae	4	4,873	-	-	4,195	3,413	28.2
Pohakuloa Training Area	Hilo	177	307,516	4	362	131,805	108,829	376.4
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	-	-	109	109	24.8
Schofield Barracks Mil Reservation	Wahiawa	534	7,182,136	1,692	8,946,290	15,612	15,609	6,100.4
Signal Cable Trunking System	Wahiawa	41	8,871	-	-	201	201	114.2
Tripler Army Medical Center	Honolulu	40	1,841,536	40	275,926	367	367	1,811.8
USA Field Station Kunia	Kunia	9	270,844	-	-	89	89	195.4
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	14	-	23.7
Waikalkalaua Ammo Storage Tunnels	Mililani	49	104,236	-	-	312	312	64.9
Wheeler Army Airfield	Wahiawa	177	1,344,304	338	1,077,971	1,370	1,370	1,240.4
Army National Guard		32	679,929	-	-	166	166	328.7
NG Kalaeloa	Kapolei	24	574,828	-	-	147	147	294.3
NG TS Waiawa Gulch	Pearl City	8	105,101	-	-	19	19	34.4
6 other Army sites 3/		10	49,829	1	17,504	23,033	21	42.5

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**Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:
SEPTEMBER 30, 2014 -- Con.**

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ (\$mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Air Force total		180	484,907	9	69,151	1,272	415	526.0
Air Force active		129	215,663	-	-	639	409	264.1
Bellows Air Force Station	Kailua	100	142,065	-	-	486	409	190.2
Kaena Point Satellite Tracking Station	Waianae	29	73,598	-	-	153	-	73.9
Air National Guard		4	31,016	-	-	11	-	22.9
Barking Sands Communication Station	Kekaha	4	31,016	-	-	11	-	22.9
17 other Air Force sites 3/		47	238,228	9	69,151	622	6	239.0
Marine Corps total		666	6,168,121	1,135	4,283,538	4,652	3,364	6,362.3
Marine active		666	6,168,122	1,135	4,283,538	4,450	3,177	6,360.9
Marine Corps Training Area Bellows	Waimanalo	15	116,231	-	-	1,030	28	109.3
Marine Corps Base Camp Smith	Aiea	50	896,574	9	19,010	221	219	573.9
Marine Corps Base Hawaii Kaneohe	Kaneohe	563	4,838,356	973	3,835,014	2,955	2,686	5,360.5
Marine Corps Base Manana Capehart	Pearl City	8	14,943	153	429,514	52	52	183.0
Marine Corps Base Hawaii								
Pearl City Annex	Pearl City	7	255,008	-	-	27	27	74.1
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	23	47,010	-	-	165	165	60.1
2 other Marine sites 3/		-	-	-	-	202	187	1.3

Continued on next page.

**Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:
SEPTEMBER 30, 2014 -- Con.**

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ (\$mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Navy total		2,419	20,039,315	2,213	8,183,984	29,518	18,247	24,540.8
Navy active		2,397	19,977,494	2,203	8,165,560	28,184	18,117	22,216.9
Aiea	Aiea	24	38,734	160	447,225	91	78	310.9
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	-	-	678	678	109.2
Ewa	Ewa Beach	221	852,415	-	-	2,323	2,308	777.2
Hickam Petroleum Storage Annex	Hickam AF Base	6	7,247	-	-	96	1	373.7
Honolulu	Pearl Harbor	175	1,698,971	1,291	5,022,285	576	573	2,903.8
Kalaeloa	Barbers Point	165	1,010,412	-	-	164	163	604.3
Kamokala Ridge	Kekaha	13	23,582	-	-	89	-	20.3
Makaha Ridge	Kokee	17	28,473	-	-	243	-	40.3
Manana Housing/Pw Area	Pearl City	1	775	49	125,391	23	23	51.4
Naval Station Pearl Harbor	Pearl Harbor	973	13,640,974	288	955,993	6,819	6,764	14,040.8
PACMISRANFAC Hawaiian Area	Kekaha	210	510,668	41	79,920	4,565	8	686.7
Pearl City	Pearl City	26	270,042	252	978,603	633	575	668.1
Wahiawa	Wahiawa	114	753,577	121	555,765	712	689	705.2
Waianae	Lualualei	429	1,100,133	1	378	9,228	4,338	805.2
Waikele	Waipahu	-	-	-	-	488	485	-
Waipahu	Waipahu	23	41,491	-	-	1,456	1,434	119.8
39 other Navy sites 3/		22	61,822	10	18,424	1,334	130	2,323.9

1/ This report also inventories leased buildings (5) and square footage (94,707).

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/ United States locations must be larger than 10 acres and greater than \$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 2015 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/CompletedBSR2015-Final.pdf>> accessed July 14, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.28-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2016

[Installations by component and size data are not available for FY2015]

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	142	5	5	84	48
Army	28	2	3	22	1
Navy	84	2	2	35	45
Air Force	21	-	-	20	1
Marine Corps	9	1	-	7	1
United States	4,165	120	88	3,268	689
Army	1,588	44	26	1,205	313
Navy	787	25	26	575	161
Air Force	1,528	42	31	1,297	158
Marine Corps	172	8	5	102	57
Washington Headquarters Service	90	1	-	89	-
Hawaii as percent of the U.S.	3.4	4.2	5.7	2.6	7.0
Army	1.8	4.5	11.5	1.8	0.3
Navy	10.7	8.0	7.7	6.1	28.0
Air Force	1.4	0.0	0.0	1.5	0.6
Marine Corps	5.2	12.5	0.0	6.9	1.8

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.904 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.904 billion and greater than or equal to \$1.015 billion.

3/ A small installation has a total plant replacement value (PRV) less than \$1.015 billion 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 2017 Baseline*, pp. DOD-20 to DOD-29

<<https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY17.pdf>> accessed April 22, 2018; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.29-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS-DESIGNATED PLACES: 2012-2016**

[Average over the period]

Geographic area	Total housing units	Occupied housing units		
		Total	Owner	Renter
State total	530,289	452,030	259,854	192,176
Ahuimanu CDP	2,792	2,744	2,170	574
Hickam Housing CDP	2,704	2,477	7	2,470
Iroquois Point CDP	1,206	1,147	-	1,147
Kaneohe Station CDP	2,616	2,527	10	2,517
Schofield Barracks CDP	4,577	4,235	6	4,229
Wheeler AFB CDP	932	860	13	847

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates "DP04: Selected Housing Characteristics" for State of Hawaii and selected Census Designated Places
<<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed July 23, 2018.

**Table 10.30-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS:
AUGUST 2008**

[The MHPI is a 50-year public-private partnership as authorized under the National Defense Defense 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 10.31-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING RATES, BY COUNTY: 2018

[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, and average utilities (including electricity, heat, and water/sewer) in local civilian housing markets, and is payable when government quarters are not provided. Total housing costs are calculated for housing profiles based on dwelling type and number of bedrooms, in each military housing area. BAH rates are then calculated for each pay grade, with and without dependents]

Code 1/	With dependents				Without dependents			
	Maui County	Honolulu County	Hawaii County	Kauai County	Maui County	Honolulu County	Hawaii County	Kauai County
E01	2,208	2,532	1,938	1,929	1,656	1,992	1,455	1,587
E02	2,208	2,532	1,938	1,929	1,656	1,992	1,455	1,587
E03	2,208	2,532	1,938	1,929	1,656	1,992	1,455	1,587
E04	2,208	2,532	1,938	1,929	1,656	1,992	1,455	1,587
E05	2,274	2,745	2,007	2,052	1,971	2,202	1,653	1,725
E06	3,072	3,015	2,310	2,457	2,304	2,343	1,875	1,842
E07	3,129	3,144	2,376	2,562	2,346	2,541	1,941	1,935
E08	3,183	3,282	2,442	2,673	2,433	2,799	2,070	2,133
E09	3,285	3,468	2,493	2,814	2,679	2,880	2,160	2,256
W01	3,087	3,027	2,322	2,469	2,316	2,460	1,923	1,893
W02	3,153	3,204	2,406	2,610	2,427	2,796	2,067	2,130
W03	3,222	3,375	2,490	2,745	2,706	2,892	2,172	2,271
W04	3,309	3,504	2,496	2,841	3,087	3,045	2,325	2,481
W05	3,408	3,654	2,505	2,952	3,132	3,168	2,382	2,580
O01E	3,138	3,171	2,388	2,583	2,355	2,745	2,007	2,052
O02E	3,207	3,345	2,472	2,721	2,628	2,862	2,139	2,232
O03E	3,321	3,525	2,499	2,856	3,069	3,009	2,304	2,451
O01	2,367	2,778	2,043	2,100	2,136	2,316	1,869	1,803
O02	3,063	3,012	2,307	2,454	2,349	2,673	1,986	2,013
O03	3,219	3,366	2,484	2,739	2,784	2,916	2,199	2,310
O04	3,444	3,711	2,508	2,991	3,126	3,150	2,373	2,565
O05	3,606	3,954	2,517	3,168	3,156	3,228	2,409	2,628
O06	3,639	3,993	2,541	3,198	3,207	3,360	2,475	2,730
O07	3,672	4,026	2,562	3,225	3,279	3,435	2,532	2,793

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, Basic Allowance for Housing, BAH Rates for All Locations

<<https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/>> accessed December 15, 2017.

**Table 10.32-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
2000 AND 2010 TO 2016**

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

Veteran status	2000 1/	2010	2011	2012	2013	2014	2015	2016
Civilian population	889,005	1,037,987	1,049,697	1,058,589	1,067,962	1,076,393	1,083,585	1,088,494
Male	427,316	502,825	508,869	512,670	516,800	520,964	524,817	527,380
Female	461,689	535,162	540,828	545,919	551,162	555,429	558,768	561,114
Veterans	121,000	117,000	117,000	117,000	121,000	121,000	120,000	120,000
Male veterans	111,000	103,000	103,000	103,000	108,000	108,000	108,000	107,000
Female veterans	9,000	14,000	14,000	14,000	13,000	13,000	13,000	13,000
War veterans 2/	92,000	91,000	92,000	93,000	96,000	97,000	97,000	97,000
Persian Gulf War 3/	18,000	41,000	45,000	48,000	48,000	51,000	54,000	56,000
Vietnam era	42,000	36,000	35,000	34,000	39,000	38,000	37,000	36,000
Korean conflict	18,000	12,000	11,000	10,000	8,000	7,000	7,000	6,000
World War II	23,000	8,000	6,000	5,000	6,000	5,000	4,000	4,000
World War I	(4/)	-	-	-	-	-	-	-
Peacetime only	29,000	26,000	24,000	24,000	25,000	24,000	24,000	23,000
Nonveterans	768,000	921,000	933,000	942,000	947,000	955,000	964,000	968,000

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**Table 10.32-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
2000 AND 2010 TO 2016 -- Con.**

- 1/ April 1 estimates base civilian 18 years and over.
- 2/ Detail adds to more than subtotal because some veterans served in more than one war.
- 3/ Service from August 2, 1990 to the present.
- 4/ Fewer than 100.

Source: U.S. Census Bureau, Population Division, "Annual Estimates of the Civilian Population by Single Year of Age and Sex for the United States and States: April 1, 2010 to July 1, 2016" (June 2017) <<https://www2.census.gov/programs-surveys/popest/datasets/2010-2016/state/asrh/sc-est2016-agesex-civ.csv>> accessed June 22, 2017; 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; "VetPop2007 State Tables, Period of Service, Table 2L: Veterans by State, Period, Age Group, Gender, 2000-2036" <<http://www1.va.gov/VETDATA/Demographics/Demographics.asp>> accessed July 13, 2012; "Veteran Population Projection Model 2011 (VetPop2011) for 2011 to 2040" <http://www.va.gov/VETDATA/docs/Demographics/New_Vetpop_Model/7IVetPop11_POS_State.xlsx> accessed June 27, 2014; "Veteran Population Projection Model 2014 (VetPop2014), Table 7L: Vetpop2014 Living Veterans, by State, Period of Service, Gender, 2013-2043" <http://www1.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/7L_VetPop2014.xlsx> accessed March 28, 2017; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.33-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2016

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total	1,428,557	323,127,515	0.4
18 years and over	1,120,792	249,489,772	0.4
In Armed Forces 1/	38,327	1,011,121	3.8
Civilian	1,082,465	248,478,651	0.4
Veteran	104,719	18,496,937	0.6
Nonveteran	977,746	229,981,714	0.4
18 to 64 years	877,251	200,274,607	0.4
In Armed Forces 1/	38,327	1,011,121	3.8
Civilian	838,924	199,263,486	0.4
Veteran	59,724	9,268,774	0.6
Nonveteran	779,200	189,994,712	0.4
65 years and over	243,541	49,215,165	0.5
In Armed Forces 1/	-	-	(X)
Civilian	243,541	49,215,165	0.5
Veteran	44,995	9,228,163	0.5
Nonveteran	198,546	39,987,002	0.5
Male	718,057	159,061,631	0.5
18 years and over	559,533	121,383,148	0.5
In Armed Forces 1/	33,604	870,079	3.9
Civilian	525,929	120,513,069	0.4
Veteran	94,979	16,898,924	0.6
Nonveteran	430,950	103,614,145	0.4
18 to 64 years	449,495	99,622,710	0.5
In Armed Forces 1/	33,604	870,079	3.9
Civilian	415,891	98,752,631	0.4
Veteran	51,667	7,963,616	0.6
Nonveteran	364,224	90,789,015	0.4
65 years and over	110,038	21,760,438	0.5
In Armed Forces 1/	-	-	(X)
Civilian	110,038	21,760,438	0.5
Veteran	43,312	8,935,308	0.5
Nonveteran	66,726	12,825,130	0.5

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Table 10.33-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2016 -- Con.

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Female	710,500	164,065,884	0.4
18 years and over	561,259	128,106,624	0.4
In Armed Forces 1/	4,723	141,042	3.3
Civilian	556,536	127,965,582	0.4
Veteran	9,740	1,598,013	0.6
Nonveteran	546,796	126,367,569	0.4
18 to 64 years	427,756	100,651,897	0.4
In Armed Forces 1/	4,723	141,042	3.3
Civilian	423,033	100,510,855	0.4
Veteran	8,057	1,305,158	0.6
Nonveteran	414,976	99,205,697	0.4
65 years and over	133,503	27,454,727	0.5
In Armed Forces 1/	-	-	(X)
Civilian	133,503	27,454,727	0.5
Veteran	1,683	292,855	0.6
Nonveteran	131,820	27,161,872	0.5

X Not applicable.

1/ Calculated as 'Total' less 'Civilian'.

Source: U.S. Census Bureau, 2016 American Community Survey (ACS) 1-Year Estimates for the United States and Hawaii "B21001: Sex By Age By Veteran Status for the Civilian Population 18 Years and Over - Universe: Civilian population 18 years and over" and "DP05 ACS 2016 1-Year Estimates for the Demographic and Housing Estimates" <<https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed January 16, 2018 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.34-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION
AND EXPENDITURES, BY COUNTY: 2016 AND 2017**

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

Subject	State	Hawaii	Honolulu	Kalawao	Kauai	Maui
2016						
Veteran population 1/	112,944	15,647	83,746	4	4,489	9,058
Unique patients 2/	27,537	4,493	19,145	(3/)	(3/)	2,434
Total expenditure	986,114	118,859	758,509	2	36,626	72,119
Compensation & pension 4/	438,961	62,850	321,525	-	16,722	37,863
Educ. & vocational rehab/emp.	206,428	4,822	197,292	-	1,249	3,065
Medical care 5/	300,816	50,299	201,797	2	18,316	30,403
Insurance & indemnities	12,161	888	10,146	-	338	789
Construction	11,580	-	11,580	-	-	-
General operating expenses	16,168	-	16,168	-	-	-
2017						
Veteran population 1/	112,304	15,351	83,651	4	4,403	8,896
Unique patients 2/	27,437	4,516	19,010	(3/)	(3/)	2,417
Total expenditure	1,013,846	125,577	773,903	3	38,892	75,473
Compensation & pension 4/	439,159	62,508	322,380	-	16,522	37,748
Educ. & vocational rehab/emp.	193,663	5,245	184,139	-	1,254	3,025
Medical care 5/	335,741	56,815	224,394	3	20,756	33,773
Insurance & indemnities	14,677	1,008	12,384	-	359	926
Construction	14,146	-	14,146	-	-	-
General operating expenses	16,460	-	16,460	-	-	-

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

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

3/ Fewer than ten or suppresses the next smallest value to prevent imputing any counties with a value less than ten.

4/ 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.

5/ 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, National Center for Veterans Analysis and Statistics, Expenditures, "Geographic Distribution of VA Expenditures (GDX)" (annual)
<<http://www.va.gov/vetdata/Expenditures.asp>> accessed June 26, 2018.

Table 10.35-- MILITARY RETIREMENT SYSTEM: 2017

[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	17,935	16,808	41,219	2,452
By branch of service				
Army	6,894	6,296	14,906	2,368
Navy	5,013	4,791	12,298	2,567
Marine Corps	1,136	1,033	3,050	2,953
Air Force	4,892	4,688	10,965	2,339
By rank				
Officers	5,197	5,143	20,015	3,892
Nondisabled and reserve	4,988	4,978	19,609	3,939
Disabled	209	165	406	2,461
Enlisted	12,738	11,665	21,204	1,818
Nondisabled and reserve	11,272	11,040	20,598	1,866
Disabled	1,466	625	606	970
Department of Defense, over 65	8,354	7,932	18,512	2,334
By branch of service				
Army	3,388	3,216	7,027	2,185
Navy	1,930	1,826	4,853	2,658
Marine Corps	408	375	1,133	3,021
Air Force	2,628	2,515	5,499	2,186
By rank				
Officers	2,868	2,845	10,111	3,554
Nondisabled and reserve	2,796	2,786	9,924	3,562
Disabled	72	59	187	3,169
Enlisted	5,486	5,087	8,400	1,651
Nondisabled and reserve	5,158	4,937	8,222	1,665
Disabled	328	150	178	1,187

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Table 10.35-- MILITARY RETIREMENT SYSTEM: 2017 -- Con.

Category	Number retired	Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
Department of Defense, concurrent receipt	5,426	8,539	1,574
Concurrent Retirement & Disability Pay (CRDP)	4,817	7,886	1,637
Nondisabled	4,396	7,243	1,648
Disabled	164	336	2,049
Reserve	257	307	1,195
Combat Related Special Compension (CRSC)	609	653	1,072
Nondisabled	310	451	1,455
Disabled	223	148	664
Reserve	76	54	711
Military survivors, by branch of servicemember			
Receiving pay 3/	2,371	2,456	1,036
Army	1,222	1,153	944
Navy	459	534	1,163
Marine Corps	131	177	1,351
Air Force	559	591	1,057
Over 65 receiving pay 3/	2,055	2,148	1,045
Army	1,094	1,032	943
Navy	377	445	1,180
Marine Corps	103	148	1,437
Air Force	481	523	1,087

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

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

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

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2017 DOD Statistical Report on the Military Retirement System* (July 2018) pp. 24-27 and 197-198 <<http://actuary.defense.gov/>> accessed July 30, 2018 and calculations by Hawaii State Department of Business, Economic Development & Tourism.