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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 2/	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 3/	4,237
1960 1/	12,662	1978	10,715	1996	(NA)
1961	11,340	1979 1/	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/ As of March 31 or April 1.

2/ 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).

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

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	2004 2/	35,061	17,068	7,694	5,541	4,758
1973	43,809	17,336	10,729	7,695	8,049	2005 2/	32,629	15,458	6,524	5,796	4,851
1974	42,204	17,581	10,072	7,192	7,359	2006 2/	34,935	18,687	6,080	5,050	5,118
1975	43,071	17,312	10,852	8,403	6,504	2007 2/	34,838	19,867	5,595	4,483	4,893
1976	43,903	18,037	10,531	9,174	6,161	2008 2/	37,847	21,554	5,320	6,306	4,667
1977	42,835	17,476	9,647	9,783	5,929	2009 2/	36,890	21,267	5,472	5,574	4,577
1978	43,907	18,711	10,458	8,796	5,942	2010 2/	38,755	22,186	5,402	6,532	4,635
1979	45,408	17,446	10,562	11,397	6,003	2011 2/	42,371	22,895	8,630	5,905	4,941
1980	43,313	17,118	10,976	9,277	5,942	2012 2/	49,110	22,546	15,066	6,385	5,113
1981	44,141	17,962	10,948	9,070	6,161	2013 2/	49,023	21,718	14,647	7,371	5,287
1982	44,470	17,457	11,880	8,926	6,207	2014 2/	51,045	22,194	15,730	7,817	5,304
1983	44,651	17,466	12,671	7,926	6,588	2015 2/	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.

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 2021**

[As of September 30. Personnel who are permanently assigned for duty in Hawaii and excludes personnel on temporary duty or deployed in support of contingency operations]

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
2018	42,981	41,803	16,251	13,716	6,788	5,048	1,178
2019	42,020	40,760	15,346	13,558	6,453	5,403	1,260
2020	41,762	40,494	15,451	12,296	7,159	5,588	1,268
2021	41,815	40,538	15,493	12,571	6,940	5,534	1,277
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	(2/)	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
2018	9,390	9,260	5,325	644	291	3,000	130
2019	9,637	9,521	5,415	691	311	3,104	116
2020	9,593	9,461	5,376	703	310	3,072	132
2021	9,760	9,636	5,564	722	255	3,095	124

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

2/ Total not available as Coast Guard shows '0' in Source for all 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" (annual, September 30) <<https://dwp.dmdc.osd.mil/dwp/app/dod-data-reports/workforce-reports>> accessed January 10, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.05-- FEDERAL GOVERNMENT MILITARY AND CIVILIAN PERSONNEL: 1969 TO 2020

[Estimates for 1969 to 1974 are based on the 1967 Standard Industrial Classification (SIC), the 1975 to 1987 on the 1972 SIC, the 1988 to 1997 on the 1987 SIC; and estimates for 1998 to 2006 are based on the 2002 North American Industry Classification System (NAICS), for 2007 to 2010 on the 2007 NAICS, for 2011 to 2016 on the 2012 NAICS, and 2017 forward on the 2017 NAICS]

Year	Total	Military 1/	Civilian
1969	104,362	69,603	34,759
1970	102,400	68,949	33,451
1971	98,613	65,586	33,027
1972	99,074	66,350	32,724
1973	102,197	70,540	31,657
1974	102,021	70,896	31,125
1975	103,159	72,142	31,017
1976	100,327	69,170	31,157
1977	96,689	66,396	30,293
1978	96,891	66,416	30,475
1979	95,902	65,104	30,798
1980	97,046	66,457	30,589
1981	93,829	62,944	30,885
1982	94,451	62,628	31,823
1983	98,270	65,863	32,407
1984	101,126	68,406	32,720
1985	102,322	68,904	33,418
1986	100,922	67,691	33,231
1987	102,338	69,062	33,276
1988	102,001	68,813	33,188
1989	101,759	68,470	33,289
1990	100,945	67,225	33,720
1991	100,557	67,484	33,073
1992	98,516	65,717	32,799
1993	94,628	63,070	31,558
1994	92,326	61,218	31,108
1995	89,174	58,638	30,536
1996	87,289	56,441	30,848
1997	85,743	55,452	30,291
1998	84,942	54,859	30,083
1999	82,854	53,079	29,775
2000	82,668	52,496	30,172

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Table 10.05-- FEDERAL GOVERNMENT MILITARY AND CIVILIAN PERSONNEL: 1969 TO 2020 -- Con.

Year	Federal government		
	Total	Military 1/	Civilian
2001	82,943	53,652	29,291
2002	83,670	52,919	30,751
2003	84,515	52,791	31,724
2004	85,343	53,758	31,585
2005	84,350	53,019	31,331
2006	86,185	54,363	31,822
2007	86,288	54,515	31,773
2008	88,301	56,047	32,254
2009	89,038	55,663	33,375
2010	91,112	56,237	34,875
2011	92,010	57,087	34,923
2012	92,406	57,456	34,950
2013	91,279	57,357	33,922
2014	90,265	57,147	33,118
2015	91,163	58,089	33,074
2016 2/	91,425	58,202	33,223
2017 2/	89,959	56,543	33,416
2018 2/	85,525	51,793	33,732
2019 2/	84,654	50,355	34,299
2020 2/	85,919	50,791	35,128

1/ Includes active duty military personnel that are stationed in the state plus the number of military reserve unit members, including the National Guard, whose reserve units 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. 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. See also *State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods* (September 2021) <<https://www.bea.gov/system/files/methodologies/SPI-Methodology.pdf>>

2/ 'Total' and 'Military' for 2016 to 2019 and 'Civilian' for 2020 revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Annual Personal Income, "SAEMP25S Total Full-Time and Part-Time Employment by SIC Industry" (March 6, 2019) and "SAEMP25N Total Full-Time and Part-Time Employment by NAICS Industry" (September 25, 2021) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed May 6, 2022, 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, unless otherwise specified. 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

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

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-- FEDERAL DEFENSE EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2020

[In dollars. For fiscal year ending September 30]

Area	Total 1/	Rank 2/	Contracts	Salaries and wages	Retirement benefits	Nonretirement benefits	Grants
U. S. average	2,058	(X)	1,333	469	185	46	24
Hawaii	6,043	4	1,892	3,614	405	86	46
Hawaii as % of U.S. average	293.6	(X)	141.9	770.6	218.9	187.0	191.7
Alabama	3,493	7	2,320	691	362	78	42
Alaska	5,236	6	2,100	2,476	414	173	73
Arizona	3,021	10	2,417	306	228	54	16
Arkansas	816	45	292	239	208	50	27
California	1,713	24	1,118	432	111	30	22
Colorado	2,417	16	1,328	664	301	92	32
Connecticut	6,765	3	6,421	225	72	23	24
Delaware	1,001	41	192	467	245	58	39
Dist. of Columbia	10,967	1	7,142	3,549	118	16	142
Florida	1,713	25	967	372	294	71	9
Georgia	1,823	21	811	662	258	78	14
Hawaii	6,043	4	1,892	3,614	405	86	46
Idaho	694	49	127	252	223	52	40
Illinois	846	43	550	192	75	19	10
Indiana	940	42	588	214	89	28	21
Iowa	1,053	38	789	124	98	22	20
Kansas	1,475	29	454	720	214	70	17
Kentucky	3,032	9	2,125	679	165	51	12
Louisiana	1,145	34	552	375	147	49	22
Maine	2,956	11	2,037	589	225	22	83
Maryland	5,494	5	3,697	1,326	293	51	127
Massachusetts	2,828	13	2,527	172	64	11	54
Michigan	817	44	549	136	68	17	47
Minnesota	642	50	394	116	77	17	38
Mississippi	2,945	12	2,026	581	234	58	46
Missouri	2,653	14	2,168	269	159	45	12
Montana	1,003	40	290	365	241	53	54

Continued on next page.

Table 10.08-- FEDERAL DEFENSE EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2020 -- Con.

Area	Total 1/	Rank 1/	Contracts	Salaries and wages	Retirement benefits	Nonretirement benefits	Grants
Nebraska	1,270	32	464	484	217	62	43
Nevada	1,319	31	585	390	276	57	11
New Hampshire	2,460	15	1,997	200	201	20	42
New Jersey	1,016	39	725	222	50	14	5
New Mexico	2,087	18	1,013	694	288	60	32
New York	736	48	515	147	44	10	20
North Carolina	1,732	22	648	705	278	81	20
North Dakota	1,572	27	374	866	170	64	98
Ohio	1,139	35	697	295	104	25	18
Oklahoma	1,993	19	860	804	236	75	18
Oregon	549	51	237	147	126	18	21
Pennsylvania	1,541	28	1,159	233	102	19	28
Rhode Island	1,727	23	684	835	143	25	40
South Carolina	1,619	26	613	564	333	85	24
South Dakota	1,112	36	311	440	256	66	39
Tennessee	795	47	338	159	226	56	16
Texas	3,112	8	2,424	404	219	56	9
Utah	1,886	20	1,073	580	151	48	34
Vermont	1,398	30	897	236	148	21	96
Virginia	8,358	2	5,220	2,260	696	144	38
Washington	2,260	17	991	909	284	57	19
West Virginia	801	46	374	214	147	34	32
Wisconsin	1,066	37	839	104	88	20	15
Wyoming	1,175	33	171	613	262	75	54

X Not applicable.

1/ Contracts for purchases of goods and services includes military equipment, information technology, and operations and maintenance programs. Salaries and wages are for active-duty military, civilian, reserve, and National Guard personnel. Retirement benefits are payments to individuals for military pensions. Nonretirement benefits are payments for health care provided through the military's Tricare Management Program. Grants includes funding to state and local governments for programs such as National Guard activities, medical research and development, and basic and applied scientific research.

2/ Rank of 1 is highest total expenditure per capita.

Source: Pew Charitable Trusts, "Budget Agreement Continues to Drive Overall Increase in Defense Dollars to States" (March 30, 2022) <<https://www.pewtrusts.org/en/research-and-analysis/articles/2022/03/30/budget-agreement-continues-to-drive-overall-increase-in-defense-allocations-to-states>> accessed April 5, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.09-- DEPARTMENT OF DEFENSE CONTRACT AWARDS, 2012 TO 2020, AND SUMMARY OF SPENDING AND PERSONNEL: 2020

[In persons and dollars as indicated. For fiscal year ending September 30]

Spending or personnel	Total	Honolulu	Hawaii	Maui 1/	Kauai
Defense contracts spending (\$M.) 2/	2,661.4	2,517.9	28.1	28.2	87.1
Defense personnel spending (\$M.) 2/	5,085.5	4,594.4	27.2	14.1	27.6
Total defense personnel 1/	70,387	63,433	(D)	282	409
Active duty	40,494	34,821	(D)	25	78
Civilian	20,434	20,010	183	63	178
National Guard	5,228	4,530	396	194	108
Reserve	4,231	4,072	77	-	45
Value of contract awards performed (\$M) and personnel (number)	Total	Army	Navy & Marines	Air Force	Other defense
2012	2,547.8	(NA)	(NA)	(NA)	(NA)
2013	1,638.8	(NA)	(NA)	(NA)	(NA)
2014	2,104.0	(NA)	(NA)	(NA)	(NA)
2015	1,791.0	(NA)	(NA)	(NA)	(NA)
2016	1,971.3	(NA)	(NA)	(NA)	(NA)
2017	1,944.4	(NA)	(NA)	(NA)	(NA)
2018	2,193.8	(NA)	(NA)	(NA)	(NA)
2019	2,394.6	700.2	1,337.1	201.2	224.6
2020	2,661.4	743.2	1,437.6	218.1	262.5
Contract awards (percent of total)	100.0	27.9	54.0	8.2	9.9
Personnel	70,387	25,926	32,529	10,000	1,257
Personnel or spending	Total	Active duty	National Guard	Reserve	Civilian
Total personnel	70,387	40,494	5,228	4,231	20,434
Defense personnel spending (\$M.) 2/	5,085.5	2,886.9	380.0		1,818.6
Contracts (\$M.)	2,661.4	(NA)	(NA)	(NA)	(NA)
Supplies & equipment	176.3	(NA)	(NA)	(NA)	(NA)
Research & development	194.9	(NA)	(NA)	(NA)	(NA)
Service	1,848.6	(NA)	(NA)	(NA)	(NA)
Construction	441.7	(NA)	(NA)	(NA)	(NA)

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Table 10.09-- DEPARTMENT OF DEFENSE CONTRACT AWARDS, 2012 TO 2020, AND SUMMARY OF SPENDING AND PERSONNEL: 2020 -- Con.

Contractors receiving largest value of prime contract awards (\$ million)			
Contractor name	Amount	Contractor name	Amount
Nan Inc.	190.9	BAE Systems	59.1
Hensel Phelps Construction	119.4	Matson	58.8
Vigor Industrial	97.1	Martin Defense Group	53.1
Smartronix	66.8	Booz Allen Hamilton	51.7
L3Harris Technologies	66.8	Kiewit Corp.	46.2

D Data not disclosed but included in higher-level totals.

NA Not available.

1/ Includes Kalawao County.

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

Source: U.S. Department of Defense, Office of Local Defense Community Cooperation, "Defense Spending by State, FY 2020" and report data <<https://oldcc.gov/dsbs-fy2020>> accessed October 19, 2021; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 10.10-- DEPARTMENT OF DEFENSE SUMMARY OF SPENDING AND PERSONNEL: 2018 TO 2020

[For fiscal year ending September 30. Rank of 1 indicates highest value or percentage and is determined using unrounded data, includes the District of Columbia. Components may not sum to totals due to unallocated portions]

Category	2018		2019		2020	
	Value	Rank	Value	Rank	Value	Rank
Spending total (\$1,000)	7,174,118	23	7,475,317	22	7,746,972	21
As percent of total defense spending	1.4	23	1.4	21	1.3	21
As percent of Gross Domestic Product	7.7	2	7.7	2	8.5	2
Spending per resident (dollars)	5,050	3	5,280	4	5,506	4
Contract spending (\$1,000)	2,303,958	32	2,463,155	33	2,661,425	31
Honolulu	2,107,490	(NA)	2,315,508	(NA)	2,517,932	(NA)
Kauai	88,159	(NA)	115,979	(NA)	87,125	(NA)
Maui 1/	73,464	(NA)	20,403	(NA)	28,235	(NA)
Hawaii	34,845	(NA)	11,266	(NA)	28,133	(NA)
Construction	420,026	(NA)	495,249	(NA)	441,652	(NA)
Research and development	141,259	(NA)	181,294	(NA)	194,863	(NA)
Service	1,586,122	(NA)	1,634,682	(NA)	1,848,636	(NA)
Supplies and equipment	154,869	(NA)	151,930	(NA)	176,274	(NA)
Total personnel	70,574	9	70,396	9	70,387	9
Honolulu	62,763	(NA)	62,723	(NA)	63,433	(NA)
Hawaii	606	(NA)	(D)	(NA)	(D)	(NA)
Kauai	345	(NA)	397	(NA)	409	(NA)
Maui 1/	(D)	(NA)	255	(NA)	282	(NA)
Personnel spending (\$1,000)	4,870,160	9	5,012,161	9	5,085,548	9
Honolulu	4,342,604	(NA)	4,470,059	(NA)	4,594,393	(NA)
Hawaii	20,816	(NA)	26,878	(NA)	27,233	(NA)
Kauai	22,444	(NA)	26,372	(NA)	27,577	(NA)
Maui 1/	10,995	(NA)	12,689	(NA)	14,121	(NA)
Civilian	1,685,802	11	1,745,527	(NA)	1,818,568	(NA)
Military active duty	2,887,532	8	2,893,966	(NA)	2,886,944	(NA)
National Guard and Reserve	296,826	29	372,668	(NA)	380,036	(NA)

D Data not disclosed but included in higher-level total.

NA Not available.

1/ Includes Kalawao County.

Source: U.S. Department of Defense, Office of Economic Adjustment, "Defense Spending by State FY" (annual) and report data <<https://oldcc.gov/dsbs-fy2020>> accessed October 19, 2021; and calculations by the Hawaii State Department of Economic Development & Tourism.

**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: 2022 AND 2023

[For fiscal year ending September 30. Amount reflects Total Obligation Authority]

Year, branch and location	Facility category title	Construction project title	Amount (\$1,000)
2022			456,600
Army			261,000
Fort Shafter	Airfield Operational Buildings	Command and Control Facility Complex	63,100
Wheeler Army Air Field	Airfield Operational Buildings	Aviation Unit Operations Building	88,200
Wheeler Army Air Field	Airfield Aprons	Rotary Wing Parking Apron, Paved	58,800
West Loch Naval Mag Annex	Install & Ready-Issue Ammunition Storage	Ammunition Storage	51,000
Navy			165,700
Kaneohe Bay	Electric Power Transmission & Dist Lines	Electrical Distribution Modernization	64,500
Kaneohe Bay	Enlisted Personnel Unaccompanied Personnel Housing	Bachelor Enlisted Quarters Phase II	101,200
Defense-wide			29,800
JBPH-H 1/	Medical & Medical Support Facility	Veterinary Treatment Facility Replacement	29,800
2023			650,185
Army			29,000
Kapolei	Training Buildings	National Guard Readiness Center Addition	29,000
Navy			621,185
JBPH-H 1/	Ships and Spares Maintenance Facilities	Dry Dock 3 Replacement (INC)	621,185

1/ Joint Base Pearl Harbor- Hickam.

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2023, Military Construction, Family Housing, and Base Realignment and Closure Program (C-1) (March 28, 2022)

<<https://comptroller.defense.gov/Budget-Materials/>> accessed March 28, 2022.

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: 1995 TO 2021**

[As of September 30]

Year	All services	Army	Navy and Marine Corps			Air Force	Other defense activities
			Total	Navy	Marine Corps		
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
2018 2/	19,064	5,171	11,145	10,532	613	1,554	1,194
2019 2/	19,591	5,177	11,738	11,088	650	1,424	1,252
2020 2/	19,757	5,099	12,061	11,359	702	1,340	1,257
2021 2/	19,716	5,121	12,127	11,464	663	1,254	1,214

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. Defense Manpower Data Center (DMDC) detailed APF (appropriated fund) data has been substituted.

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 10, 2022.

Table 10.15-- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2021

[Based on inter-industry relationships in 2017. Include direct, indirect, and induced impacts.
Industries sorted for greatest output impact]

Industry sector	Output (millions of dollars)	Labor income (millions of dollars)	Jobs
Total	1,592.1	898.1	10,170
Federal government	755.4	620.4	5,607
Real estate and rentals	175.4	11.6	247
Health services	90.4	45.7	636
Mining and construction	76.5	32.4	316
Business services	54.7	32.4	639
Professional services	47.8	25.7	334
Retail trade	47.4	17.5	438
Finance and insurance	40.3	10.8	173
Other manufacturing	40.3	9.0	142
Other services	36.4	17.1	333
Eating and drinking	34.0	12.9	344
Transportation	33.9	10.3	180
Utilities	31.0	6.2	42
Wholesale trade	30.9	9.3	118
Information	28.5	5.8	64
Accommodation	25.9	6.6	88
State and local government	17.9	12.9	149
Food processing	9.4	1.8	41
Educational services	7.5	5.3	131
Arts and entertainment	5.0	2.8	88
Agriculture	3.5	1.6	60

Source: Estimates by the Hawaii State Department of Business, Economic Development & Tourism based on the 2017 Hawaii State Input-Output tables <http://dbedt.hawaii.gov/economic/reports_studies/2017-io/>.

Table 10.16-- FEDERAL EXPENDITURES FOR 2015, AND FEDERAL FUNDS OBLIGATED FOR 2019 FOR ARMY AND AIR NATIONAL GUARD

[In dollars. For fiscal year ending September 30]

Category	Army National Guard	Air National Guard
2015 Total Federal support	116,690,156	210,990,376
Total funds allotted to U.S. Property & Fiscal Office	54,394,549	170,181,795
National Guard personnel appropriations	1,366,869	1,968,083
Military pay, transportation, and travel	230,700	1,709,884
Military uniform	204,420	146,803
Subsistence	931,749	111,396
Oper. and maint., military constr. approp.	53,027,680	168,213,712
Civilian pay	27,745,044	76,458,700
Transportation and travel	785,632	-
Personnel deployments	-	1,037,260
Equip., supplies & services operations & maint.	24,497,004	90,717,752
Equipment supplies	952,364	347,100
Supplies	716,805	4,084,702
Depot level reparable	-	176,136
Aviation fuel	2,002,212	52,369,734
Other operating supplies & service	2,715,960	1,313,830
Major construction	-	17,808,000
Architectural and engineering services	2,100,000	1,045,000
Minor construction/major repairs	6,467,856	7,330,273
Operations & maintenance agreements	9,541,807	6,242,977
Total funds provided by National Guard Bureau	62,289,607	40,808,581
Annual training pay	5,753,876	3,009,027
Other active duty pay	1,559,841	4,432,614
Inactive duty training pay	12,647,625	14,431,797
Basic training pay	3,686,067	1,184,778
Active Guard Reserve pay	38,642,198	17,750,365
2019 Federal funds obligated	96,273,700	162,424,537

Source: Hawaii Department of Defense, *Annual Report Fiscal Year 2015* and *Ibid. Fiscal Year 2019* <<http://dod.hawaii.gov/department-info/annual-reports/>> accessed August 9, 2020; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 10.17-- ARMY AND AIR NATIONAL GUARD STRENGTH: 1993 TO 2021

[Strength as of September 30 for 1993 through 2002 and June 30 for 2003 and beyond, unless otherwise indicated. No reports are posted for FY 2016 through FY 2018, FY 2020 and FY2021]

Year	Actual strength			Authorized strength		
	Total	Army National Guard	Air National Guard	Total	Army National Guard	Air National Guard
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		
2019	5,416		7/ > 3,000	2/ 6/ 2,500		
2020	8/ 5,180		2,911	2,269		
2021	8/ 5,349		3,050	2,299		

Continued on next page.

**Table 10.17-- ARMY AND AIR NATIONAL GUARD STRENGTH: 1993 TO 2021
1993 TO 2022 -- Con.**

- 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.
- 8/ Total strength.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 to 2015, and 2019) <<http://dod.hawaii.gov/department-info/annual-reports/>> accessed July 29, 2020; and records.

Table 10.18-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD: ANNUAL AVERAGE, 1990 TO 2021

[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]

Year	Federal gov't	Dept. of Defense	Naval Shipyard	Year	Federal gov't	Dept. of Defense	Naval Shipyard
1990	34,200	19,400	(1/)	2006	31,850	16,650	4,200
1991	33,900	18,800	(1/)	2007	31,750	16,400	4,000
1992	33,300	18,100	(1/)	2008	32,200	16,550	4,100
1993	31,800	17,400	(1/)	2009	33,300	17,500	4,200
1994	31,300	16,900	(1/)	2010	34,800	18,500	4,300
1995	31,100	16,800	(1/)	2011	34,900	19,100	4,300
1996	31,100	16,800	(1/)	2012	34,900	19,100	4,500
1997	30,700	17,300	(1/)	2013	33,900	18,300	4,300
1998	30,400	16,900	(1/)	2014	33,200	17,900	4,500
1999	30,300	16,600	(1/)	2015	33,100	18,100	4,800
2000	31,000	16,400	(1/)	2016	33,200	(2/)	(2/)
2001	30,100	16,500	4,700	2017	33,400	(2/)	(2/)
2002	30,650	16,700	4,950	2018	33,700	(2/)	(2/)
2003	31,650	16,650	4,750	2019	34,300	(2/)	(2/)
2004	31,450	16,600	4,250	2020	3/ 35,100	(2/)	(2/)
2005	31,300	16,350	4,150	2021	34,700	(2/)	(2/)

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

2/ Series discontinued.

3/ Benchmarked by Hawaii State Department of Business & Economic Development in March 2022. Revised from previous *Data Book*.

Source: Hawaii State Department of Business & Economic Development, Current Employment Statistics, Historical Jobcount by Industry - Annual "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <<http://dbedt.hawaii.gov/economic/job-count-by-industry/>> accessed June 28, 2022.

Table 10.19-- SELECTIVE SERVICE REGISTRATION FOR HAWAII AND THE UNITED STATES: 2015 TO 2020

[Calendar year data unless otherwise noted]

Subject	Registrants 1/	
	Hawaii	United States 2/
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
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
2017 3/		
On-time registration eligible men CY 2017, 18 years old, born 1998	5,816	1,537,754
Entire registrant group FY 2017, 18 - 25 years old, born 1992-1998	66,500	16,694,295
2018		
On-time registration eligible men CY 2018, 18 years old, born 2000	5,571	1,455,016
Entire registrant group CY 2018, 18 - 25 years old, born 1993-2000	65,297	16,417,042
2019		
On-time registration eligible men CY 2019, 18 years old, born 2000	5,345	1,522,524
Entire registrant group CY 2019, 18 - 25 years old, born 1993-2000	64,443	16,322,956
2020		
On-time registration eligible men CY 2020, 18 years old, born 2002	4,983	1,326,903
Entire registrant group CY 2020, 18 - 25 years old, born 1995-2002	62,218	16,051,264

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.

3/ FY 2017 report shows calendar and fiscal year data ending September 30.

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual)
<https://www.sss.gov/reports/annual-reports-to-congress/> accessed July 7, 2022, and records.

**Table 10.20-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)
INELIGIBILITY RATE, BY SELECTED RACE AND 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

Continued on next page.

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

State 1/	Total		African American		Hispanic		White	
	Number	%	Number	%	Number	%	Number	%
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
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

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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: 2018 TO 2021**

[In thousands of dollars unless otherwise indicated. Fiscal year ending September 30. Contracts are for Hawaii as the 'Place of Performance' or 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. Components may not add to total or subtotal as not all are shown. Negative values may reflect refunds, or other contract adjustments. Data extracted from the dynamic database at a later date may result in change in one or more items which are not reflected below]

Category 1/	2018	2019	2020	2021
Total contract actions (number)	55,711	56,761	48,816	40,941
Total contract actions value	2,032,060	2,260,145	2,414,210	2,323,218
Small business	983,712	937,956	1,100,372	1,089,647
Small business as share of total (%)	48.4	41.5	45.6	46.9
Small disadvantaged business	530,545	466,405	582,945	649,426
Women-owned business	187,584	207,433	228,947	177,386
HUBZone 2/	102,606	74,222	83,012	87,792
Veteran-owned	231,230	195,455	172,136	166,323
Service-disabled veteran-owned	109,520	99,900	94,079	90,581
8(a) firm	309,241	253,525	325,491	413,278
Javits-Wagner-O'Day Program	23,461	22,917	24,232	24,358
HBCU 3/	-	-	-	-
Educational institutions	15,091	17,991	19,120	21,297
Asian Pacific	355,906	391,409	525,170	335,743
Minority institutions	-	-	-	-
Local government	2,160	2,372	2,493	-
State government	18,575	22,945	25,053	26,611
U.S. Tribal government	-	-	-	-
American Indian	23,494	5,923	22,480	43,770
Native American	147,574	166,193	230,777	358,790
Indian tribe 4/	8,707	1,622	5,465	12,254
Native Hawaiian-owned	153,688	156,649	208,706	182,035
Tribally-owned	30,091	23,707	20,110	38,582
Alaskan Native-owned	71,300	64,338	110,729	148,931
Asian Indian	45,331	61,076	30,130	35,962
Minority-owned	609,440	651,300	839,521	722,721
Black-owned	45,252	36,028	40,155	27,326
Hispanic-owned	31,387	36,136	58,491	56,514
Non-profit organization	24,368	23,132	25,730	26,314
Emerging small business	-1,226	4,315	4,192	2,050
Hospital	-132	-91	16	-13

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**Table 10.25-- DEPARTMENT OF DEFENSE PROCUREMENT CONTRACTS
AWARDED, BY SELECTED TYPE OF BUSINESS: 2018 TO 2021 -- Con.**

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/ HUBZone Historically underutilized business zone.

3/ HBCU Historically Black Colleges and Universities.

4/ Federally recognized.

Source: Federal Procurement Data System - Next Generation, Geographic Report by Place of Performance, FY 2018 <https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed July 13, 2019; FY2019 accessed July 24, 2020; SAM Geographic Report by Place of Performance FY2020 <<https://sam.gov/reports/awards/standard>> accessed June 7, 2021; FY 2021 accessed July 11, 2022; 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 2021**

[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. Transactions include the initial contract award and amendments and modifications to that award. Fiscal years ending September 30]

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	1,809,575	54,975	300,629,951	12,673,084
2018	2,032,060	55,711	336,147,925	35,028,378
2019	2,260,145	56,761	359,962,418	68,456,721
2020	2,414,210	48,816	399,605,882	47,188,829
2021	2,323,218	40,941	367,532,080	63,251,850

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 FY2016 <https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed July 25, 2018; FY2017 and FY2018 accessed July 23, 2019; FY2019 accessed July 24, 2020; and SAM Geographic Report by Place of Performance FY2020 <<https://sam.gov/reports/awards/standard>> accessed June 7, 2021 and FY2021 accessed July 11, 2022.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2019

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	Owned	Total	
Hawaii total 3/		5,014	42,764,701	7,753	34,389,064	156,242	190,739	70,694
Air Force total		118	231,989	3	8,424	409	1,014	818
Air Force Active		114	200,973	3	8,424	409	1,003	781
Molokai Station	Hoolehua	2	5,944	-	-	-	364	11
Kaena Point Satellite Tracking Station	Waianae	26	75,123	-	-	-	153	366
Bellows Air Force Station	Kailua	86	119,906	3	8,424	409	486	404
Air Force Guard								
Barking Sands Comm. Station	Kekaha	4	31,016	-	-	-	11	37
Army total		1,373	13,896,339	2,748	12,898,080	127,276	143,714	21,309
Army active		1,343	13,074,052	2,748	12,898,080	126,984	143,398	20,585
Helemano Military Reservation	Wahiawa	21	318,272	216	1,556,062	284	294	1,255
Fort Shafter	Honolulu	151	1,584,740	141	373,996	585	602	1,603
Fort De Russy	Honolulu	14	786,697	-	-	70	72	327
Dillingham Military Reservation	Waialua	4	3,696	-	-	628	664	50
Aliamanu Military Reservation	Honolulu	102	281,326	751	2,305,485	520	531	1,645
Kipapa Ammo Storage Site	Wahiawa	70	179,462	-	-	370	402	172
Kawaihae Military Reserve	Kawaihae	1	938	-	-	3	18	21
Signal Cable Trunking System	Wahiawa	41	8,871	-	-	0	135	137
Kilauea Military Reserve	Hawaii Nat'l Park	94	167,411	-	-	1	67	85
Pohakuloa Training Area	Hilo	172	302,030	4	362	108,829	124,859	564
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	12	14	25
Waikalkalaua Ammo Storage Tunnels	Wahiawa	49	104,236	-	-	312	312	96
Tripler Army Medical Center	Honolulu	39	1,922,988	2	20,596	358	367	2,795
Schofield Bks Military Reservation	Wahiawa	537	7,365,642	1,634	8,641,579	15,010	15,061	11,810
Army Guard								
NG Kalaeloa	Kapolei	30	822,287	-	-	292	316	724

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Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2019 -- 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	Owned	Total	
Marine Corps total		628	6,176,820	1,399	6,018,419	3,182	4,448	10,294
Marine Corps active		628	6,176,820	1,399	6,018,419	3,182	4,448	10,294
MCB Camp Smith	Aiea	51	919,107	10	28,959	219	221	834
MCB Hawaii Pearl City Annex	Pearl City	6	255,288	-	-	27	27	115
MCB Hawaii Puuloa-Oahu	Ewa Beach	22	49,005	-	-	165	165	87
MC Trng Area Bellows	Waimanalo	15	116,479	-	-	32	1,029	152
MCB Hawaii Kaneohe	Kaneohe	528	4,826,921	1,236	5,559,946	2,686	2,955	8,845
MCB Hawaii Manana Capehart	Pearl City	6	10,019	153	429,514	52	52	261
Navy total		2,895	22,459,553	3,603	15,464,141	25,375	41,563	38,273
Navy active		2,895	22,459,553	3,603	15,464,141	25,375	41,563	38,273
Camp Stover	Wheeler A.F. Base	3	700	61	295,432	35	35	170
White Plains Beach	Barbers Point	13	21,797	-	-	15	15	11
Ford Island	Ford Island	103	1,405,595	338	1,245,137	445	445	2,745
Halawa Housing	Aiea	5	1,603	22	117,192	21	25	74
Hale Keiki	Pearl Harbor	7	26,239	-	-	11	13	20
Halawa Water Storage Tanks	Pearl Harbor	-	-	-	-	12	13	51
Waiawa Well Site	Pearl City	3	1,250	-	-	75	79	12
Hickam	Hickam A.F. Base	29	100,436	-	-	399	411	210
Waipahu	Waipahu	21	42,072	-	-	1,453	1,455	392
Waianae	Lualualei	388	1,060,474	-	-	9,239	9,239	1,101
Pearl City	Pearl City	37	335,115	251	1,325,450	624	627	1,248
Red Hill Tank Site	Honolulu	15	15,309	-	-	249	256	829
Honolulu	Pearl Harbor	166	1,689,522	1,425	6,088,340	982	986	4,936
Wahiawa	Wahiawa	123	825,355	74	354,798	683	703	707
Air Force Facilities Hawaii	Kekaha	3	31,156	-	-	11	11	25
Kamokala Ridge	Kekaha	13	27,410	-	-	-	267	32
Makaha Ridge	Kokee	16	29,949	-	-	-	202	67

Continued on next page.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2019 -- 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	Owned	Total	
Navy active (con.)								
Kalaeloa	Barbers Point	103	555,199	-	-	79	91	425
Hickam Petrol Storage Annex	Hickam A.F.Base	1	5,026	-	-	35	96	103
Naval Station Pearl Harbor	Pearl Harbor	897	13,798,794	1,233	5,377,735	5,718	5,762	21,929
Aiea	Aiea	23	45,590	137	561,209	208	209	358
Ewa	Ewa Beach	670	1,808,809	-	-	3,163	3,180	1,534
PACMISRANFAC Hawaiian Area	Kekaha	256	632,154	62	98,848	1,918	17,440	1,292

1/ This report also inventories leased buildings (3) and square footage (68,917).

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 (Sustainment), Base Structure Report Fiscal Year 2019 (FY 2019 BSR Base Structure Report - as of 30 Sep 2019) <https://www.acq.osd.mil/eie/BSI/BEI_Library.html> accessed March 17, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.28-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2020

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	Owned	Total	
Hawaii total 3/		5,010	43,122,843	8,228	35,847,045	156,112	199,137	89,993
Air Force total		116	226,045	3	8,424	409	650	442
Air Force Active		112	195,029	3	8,424	409	639	403
Kaena Point Satellite Tracking Station	Waianae	26	75,123	-	-	-	153	102
Bellows AFS	Waimanalo	86	119,906	3	8,424	409	486	300
Air Force Guard								
Barking Sands Comm. Station	Kekaha Hawaiian Home Land	4	31,016	-	-	-	11	39
Army total		1,362	13,968,677	2,752	12,922,242	127,132	152,461	26,847
Army active		1,333	13,147,690	2,752	12,922,242	126,984	152,294	25,889
Kilauea Military Reserve	Hawaii Volcanoes Nat'l Park	94	167,411	-	-	1	67	99
Kipapa Ammo Storage Site	Waipahu	70	179,462	-	-	370	402	189
Dillingham Mil Res	Waialua	4	3,696	-	-	628	664	69
Fort Shafter	Honolulu	152	1,685,416	141	373,996	585	602	2,293
Helemano Military Reservation	Wahiawa	21	304,548	216	1,556,062	284	294	1,625
Fort De Russy	Honolulu	15	796,822	-	-	70	72	399
Signal Cable Trunking System	Wahiawa	9	992	-	-	-	135	152
Kahuku Training Area	Kahuku	22	33,494	-	-	-	782	90
Aliamanu Military Reservation	Honolulu	100	255,251	754	2,326,257	520	531	1,923
Kawaihae Military Reserve	Kawaihae Hawaiian Home Land	1	938	-	-	3	18	23
Tripler AMC	Honolulu	39	1,922,988	2	20,596	358	367	3,290
Waikalkalaua Ammo Storage Tunnels	Mililani Town	49	104,236	-	-	312	312	106
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	12	14	30
Makua Military Reserve	Waianae	4	4,873	-	-	-	1,150	38
Pohakuloa Training Area	Hilo	171	297,788	4	362	108,829	131,823	792
Schofield Bks Military Reservation	Wahiawa	534	7,342,032	1,635	8,644,969	15,010	15,061	14,770
Army Guard								
NG Kalaeloa	Kapolei	29	820,987	-	-	148	167	958

Continued on next page.

Table 10.28-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2020 -- 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	Owned	Total	
Marine Corps total		631	6,451,554	1,439	6,141,652	3,182	4,448	13,425
Marine Corps active		631	6,451,554	1,439	6,141,652	3,182	4,448	13,425
MCB Hawaii Puuloa-Oahu	Ewa Beach	22	49,005	-	-	165	165	107
MC Trng Area Bellows	Waimanalo	15	116,479	-	-	32	1,029	198
MCB Hawaii Kaneohe	Kaneohe	531	5,101,656	1,276	5,683,179	2,686	2,955	11,428
MCB Hawaii Manana Capehart	Pearl City	6	10,019	153	429,514	52	52	326
MCB Hawaii Pearl City Annex	Pearl City	6	255,288	-	-	27	27	149
MCB Camp Smith	Aiea	51	919,107	10	28,959	219	221	1,219
Navy total		2,901	22,476,567	4,034	16,774,728	25,390	41,578	49,279
Navy active		2,901	22,476,567	4,034	16,774,728	25,390	41,578	49,279
Camp Stover	Wheeler A.F. Base	3	700	61	295,432	35	35	207
Halawa Housing	Aiea	5	1,603	22	117,192	21	25	92
Hickam	Hickam A.F. Base	29	123,796	-	-	399	411	315
Ford Island	Ford Island Naval Reservation	103	1,405,055	338	1,245,137	445	445	3,356
White Plains Beach	Barbers Point Naval A.S.	13	21,797	-	-	15	15	13
PACMISRANFAC Hawaiian Area	Kekaha Hawaiian Home Land	252	613,898	57	95,236	1,918	17,440	1,564
Aiea	Aiea	23	45,590	137	561,209	208	209	439
Honolulu	Pearl Harbor	168	1,712,355	1,425	6,088,340	982	986	6,010
Waipahu	Waipahu	21	42,072	-	-	1,453	1,455	898
Waianae	Lualualei Hawaiian Home Land	388	1,060,474	-	-	9,239	9,239	1,719
NS Pearl Harbor	Pearl Harbor	906	13,808,292	1,242	5,417,059	5,718	5,762	26,272
Hickam Petrol Storage Annex	Hickam A.F. Base	1	5,026	-	-	35	96	112
Ewa	Ewa Beach	671	1,810,137	426	1,274,699	3,177	3,195	3,763
Pearl City	Pearl City	37	335,115	251	1,325,450	624	627	1,482
Kamokala Ridge	Kekaha Hawaiian Home Land	13	27,410	1	176	-	267	56
Air Force Facilities Hawaii	Kekaha Hawaiian Home Land	3	31,156	-	-	11	11	37
Hale Keiki	Pearl Harbor	7	26,239	-	-	11	13	23

Continued on next page.

Table 10.28-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2020 -- 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	Owned	Total	
Navy active (con.)								
Makaha Ridge	Kokee Air Force Station	16	29,949	-	-	-	202	69
Waiawa Well Site	Pearl City	3	1,250	-	-	75	80	21
Wahiawa	Wahiawa	123	825,355	74	354,798	683	703	845
Kalaeloa	Barbers Point Naval A.S.	101	533,719	-	-	79	91	502
Halawa Water Storage Tanks	Pearl Harbor	-	-	-	-	12	13	56
Red Hill Tank Site	Honolulu	15	15,580	-	-	249	256	1,427

1/ This report also inventories leased buildings (3) and square footage (68,917).

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 (Sustainment), Base Structure Report Fiscal Year 2020 (FY 2020 BSR Base Structure Report - as of 30 Sep 2020) <https://www.acq.osd.mil/eie/BSI/BEI_Library.html> accessed March 17, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.29-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS DESIGNATED PLACES (CDP): 2016-2020**

[Average over the 5-year period. Based on a sample and subject to sampling variability]

Geographic area	Total housing units	Occupied housing units		
		Total	Owner	Renter
State total	546,571	467,932	282,037	185,895
Ahuimanu CDP	2,711	2,684	2,299	385
Hickam Housing CDP	2,921	2,766	-	2,766
Iroquois Point CDP	1,395	1,257	-	1,257
Kalaeloa CDP	822	664	-	664
Kaneohe CDP	10,949	10,378	7,554	2,824
Kaneohe Base CDP	2,902	2,690	19	2,671
Schofield Barracks CDP	4,550	4,280	24	4,256
Wheeler AFB CDP	895	802	4	798

Source: U.S. Census Bureau, 2016-2020 American Community Survey 5-Year Estimates "DP04: Selected Housing Characteristics" for State of Hawaii and selected Census Designated Places (CDP) <<https://data.census.gov>> accessed March 17, 2022.

**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: 2022

[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	2,532	2,670	1,914	2,427	1,899	2,004	1,437	1,881
E02	2,532	2,670	1,914	2,427	1,899	2,004	1,437	1,881
E03	2,532	2,670	1,914	2,427	1,899	2,004	1,437	1,881
E04	2,532	2,670	1,914	2,427	1,899	2,004	1,437	1,881
E05	2,838	2,961	1,989	2,739	2,130	2,220	1,677	2,055
E06	3,456	3,081	2,172	2,910	2,592	2,412	1,842	2,178
E07	3,546	3,258	2,187	2,925	2,661	2,682	1,914	2,439
E08	3,648	3,456	2,196	2,934	2,964	2,991	2,031	2,778
E09	3,798	3,633	2,247	3,000	3,150	3,015	2,076	2,820
W01	3,474	3,093	2,184	2,922	2,607	2,574	1,902	2,322
W02	3,591	3,339	2,193	2,931	2,961	2,988	2,028	2,775
W03	3,711	3,582	2,205	2,943	3,168	3,021	2,082	2,826
W04	3,834	3,651	2,268	3,033	3,477	3,117	2,169	2,904
W05	3,975	3,732	2,349	3,162	3,567	3,300	2,181	2,910
O01E	3,570	3,297	2,190	2,928	2,838	2,961	1,989	2,739
O02E	3,693	3,546	2,199	2,937	3,108	3,012	2,067	2,811
O03E	3,849	3,660	2,274	3,048	3,453	3,072	2,163	2,901
O01	2,913	2,982	2,016	2,766	2,226	2,376	1,836	2,112
O02	3,447	3,078	2,169	2,907	2,736	2,865	1,968	2,637
O03	3,705	3,573	2,202	2,940	3,231	3,033	2,103	2,844
O04	4,023	3,756	2,373	3,207	3,549	3,270	2,172	2,907
O05	4,251	3,882	2,499	3,414	3,603	3,381	2,184	2,913
O06	4,287	3,912	2,517	3,441	3,696	3,567	2,187	2,916
O07	4,320	3,945	2,535	3,468	3,753	3,621	2,208	2,943

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/bah.cfm>> accessed December 15, 2021.

**Table 10.32-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
2017 TO 2021**

[As of July 1 for civilian population and September 30 for veteran population. Civilian population 17 and over. Calculations for 2018 to 2021 on unrounded data. Veteran and nonveteran population rounded to the nearest 1,000. Veteran and nonveteran population for 2018 to 2020 and civilian population for 2020 revised from previous *Data Book*]

Veteran status	2017	2018	2019	2020	2021
Civilian population	1,089,285	1,090,079	1,085,735	1,116,632	1,110,941
Male	527,330	527,370	524,800	545,164	541,590
Female	561,955	562,709	560,935	571,468	569,351
Veterans	112,000	118,000	116,000	115,000	113,000
Male	100,000	105,000	103,000	101,000	100,000
Female	12,000	13,000	13,000	13,000	13,000
War veterans 1/ Persian Gulf War 2/ Vietnam era Korean conflict World War II Peacetime only	91,000 50,000 36,000 7,000 4,000 21,000	97,000 55,000 36,000 7,000 3,000 21,000	96,000 56,000 35,000 7,000 2,000 20,000	95,000 58,000 34,000 6,000 2,000 19,000	94,000 59,000 32,000 5,000 1,000 19,000
Nonveterans	977,285	971,904	969,424	1,002,111	998,185
Male	427,330	421,916	421,395	443,724	442,079
Female	549,955	549,987	548,029	558,386	556,106

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

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

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, 2020" (June 2021) <<https://www2.census.gov/programs-surveys/popest/datasets/2010-2020/state/asrh/SC-EST2020-AGESEX-CIV.csv>> accessed July 3, 2021; "Annual Estimates of the Civilian Population by Single Year of Age and Sex for the United States and States: April 1, 2020 to July 1, 2021" (June 2022) <<https://www2.census.gov/programs-surveys/popest/datasets/2020-2021/state/asrh/sc-est2021-agesex-civ.csv>> accessed July 7, 2022; U.S. Department of Veterans Affairs, "Veteran Population Projection Model 2016 (VetPop2016),"Table 7L: VETPOP2016 Living Veterans by State, Period of Service, 'Gender, 2015-2045" <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/7L_VetPop2016_POS_State.xlsx> accessed July 13, 2021; The Veteran Population Projection Model 2018 (VetPop2018) "Table 7L: VETPOP2018 Living Veterans by State, Period of Service, 'Gender, 2018-2048" <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/7L_VetPop2018_POS_State.xlsx> accessed July 11, 2022; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Veteran Population Projection Model 2016 Executive Summary" <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/Vetpop16_Executive_Summary.pdf> accessed July 13, 2021 and "VetPop2018: A Brief Description" <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/VP_18_A_Brief_Description.pdf> accessed July 12, 2022.

Table 10.33-- ARMED FORCES AND VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER, FOR HAWAII AND THE UNITED STATES: 2019

[The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection. The Census Bureau released selected experimental estimates developed from 2020 ACS 1-year that are not reflected in *Data Book 2021*. For more information on the experimental data, please see <<https://www.census.gov/newsroom/press-releases/2021/experimental-2020-acs-1-year-data.html>>]

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total	1,415,872	328,239,523	0.4
18 years and over	1,115,685	255,271,738	0.4
In Armed Forces 1/	46,356	1,225,542	3.8
Civilian	1,069,329	254,046,196	0.4
Veteran	90,368	17,418,351	0.5
Nonveteran	978,961	236,627,845	0.4
18 to 64 years	846,215	201,197,710	0.4
In Armed Forces 1/	46,356	1,225,542	3.8
Civilian	799,859	199,972,168	0.4
Veteran	45,035	8,647,927	0.5
Nonveteran	754,824	191,324,241	0.4
65 years and over	269,470	54,074,028	0.5
In Armed Forces 1/	-	-	(X)
Civilian	269,470	54,074,028	0.5
Veteran	45,333	8,770,424	0.5
Nonveteran	224,137	45,303,604	0.5
Male	707,855	161,588,973	0.4
18 years and over	553,276	124,267,346	0.4
In Armed Forces 1/	39,213	1,043,142	3.8
Civilian	514,063	123,224,204	0.4
Veteran	80,687	15,781,864	0.5
Nonveteran	433,376	107,442,340	0.4
18 to 64 years	431,539	100,223,065	0.4
In Armed Forces 1/	39,213	1,043,142	3.8
Civilian	392,326	99,179,923	0.4
Veteran	37,151	7,350,723	0.5
Nonveteran	355,175	91,829,200	0.4

Continued on next page.

Table 10.33-- ARMED FORCES AND VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER, FOR HAWAII AND THE UNITED STATES: 2019 -- Con.

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Male (con.)			
65 years and over	121,737	24,044,281	0.5
In Armed Forces 1/	-	-	(X)
Civilian	121,737	24,044,281	0.5
Veteran	43,536	8,431,141	0.5
Nonveteran	78,201	15,613,140	0.5
Female	708,017	166,650,550	0.4
18 years and over	562,409	131,004,392	0.4
In Armed Forces 1/	7,143	182,400	3.9
Civilian	555,266	130,821,992	0.4
Veteran	9,681	1,636,487	0.6
Nonveteran	545,585	129,185,505	0.4
18 to 64 years	414,676	100,974,645	0.4
In Armed Forces 1/	7,143	182,400	3.9
Civilian	407,533	100,792,245	0.4
Veteran	7,884	1,297,204	0.6
Nonveteran	399,649	99,495,041	0.4
65 years and over	147,733	30,029,747	0.5
In Armed Forces 1/	-	-	(X)
Civilian	147,733	30,029,747	0.5
Veteran	1,797	339,283	0.5
Nonveteran	145,936	29,690,464	0.5

X Not applicable.

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

Source: U.S. Census Bureau, 2019 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: Demographic and Housing Estimates" <<https://data.census.gov>> accessed July 14, 2021; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.34-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES, BY COUNTY: 2020 AND 2021

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

Subject	State	Hawaii	Honolulu	Kalawao	Kauai	Maui
2020						
Veteran population 1/	114,521	15,514	84,733	20	4,534	9,721
Unique patients 2/	29,121	4,605	20,506	(3/)	(3/)	2,444
Total expenditure	1,191,580	149,397	905,339	5	46,897	89,943
Compensation & pension 4/	569,852	74,512	430,334	-	20,460	44,547
Educ. & vocational rehab/emp.	169,656	5,312	160,447	-	1,155	2,742
Medical care 5/	422,445	69,030	286,933	5	24,876	41,601
Insurance & indemnities	10,939	543	8,937	-	406	1,053
Construction	625	-	625	-	-	-
General operating expenses	18,063	-	18,063	-	-	-
2021						
Veteran population 1/	112,756	15,241	83,415	20	4,445	9,636
Unique patients 2/	30,844	4,760	21,985	(3/)	(3/)	2,470
Total expenditure	1,193,587	157,667	900,780	2	47,731	87,407
Compensation & pension 4/	622,003	86,734	467,661	-	21,306	46,302
Educ. & vocational rehab/emp.	140,404	5,311	130,794	-	1,422	2,876
Medical care 5/	412,530	64,702	285,788	2	24,522	37,515
Insurance & indemnities	12,197	920	10,084	-	481	713
Construction	1,296	-	1,296	-	-	-
General operating expenses	5,156	-	5,156	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Department of Veterans Affairs, Predictive Analytics and Actuary Service (VetPop 2018).

2/ Patients who received treatment at a VA health care facility. Data are provided by the Allocation Resource Center (ARC). Data are as published but components do not sum to total.

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. Medical care expenditures are allocated to the patient's home location, not the site of care.

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 July 6, 2022.

Table 10.35-- MILITARY RETIREMENT SYSTEM: 2020

[As of September 30]

Category	Number of personnel		Monthly payment 1/ (\$1,000)	Average payment per person paid (dollars)
	Retired	Paid by DOD		
Department of Defense	18,136	16,919	44,816	2,649
By branch of service				
Army	7,173	6,478	16,610	2,564
Navy	4,917	4,706	13,118	2,788
Marine Corps	1,120	1,016	3,266	3,215
Air Force	4,920	4,719	11,822	2,505
By rank				
Officers	5,330	5,277	22,073	4,183
Nondisability and reserve	5,073	5,069	21,519	4,245
Disability	257	208	554	2,663
Enlisted	12,806	11,642	22,743	1,954
Nondisability and reserve	11,170	10,974	22,005	2,005
Disability	1,636	668	738	1,105
Department of Defense, concurrent receipt	6,648	(X)	11,909	1,791
Concurrent Retirement & Disability Pay (CRDP)	6,033	(X)	11,252	1,865
Nondisability	5,395	(X)	10,197	1,890
Disability	236	(X)	534	2,263
Reserve	402	(X)	521	1,296
Combat Related Special Compension (CRSC)	615	(X)	657	1,068
Nondisability	267	(X)	430	1,610
Disability	281	(X)	212	754
Reserve	67	(X)	55	821
Military survivors, by branch of servicemember				
Receiving pay	2,499	(X)	2,684	1,074
Army	1,266	(X)	1,243	982
Navy	466	(X)	553	1,187
Marine Corps	126	(X)	183	1,452
Air Force	641	(X)	705	1,100

X Not applicable.

1/ 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.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2020 DOD Statistical Report on the Military Retirement System* (September 2021) pp. 23 to 25 and 69 <<http://actuary.defense.gov/>> accessed July 2, 2022 and calculations by Hawaii State Department of Business, Economic Development & Tourism.