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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:
2010 TO 2022**

[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							
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
2022	40,485	39,266	15,428	12,476	5,799	5,563	1,219
National Guard and reserve 1/							
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
2022	9,546	9,409	5,399	716	220	3,074	137

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) <<https://dwp.dmdc.osd.mil/dwp/app/dod-data-reports/workforce-reports>> accessed January 6, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.05-- FEDERAL GOVERNMENT MILITARY AND CIVILIAN PERSONNEL: 1969 TO 2021

[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 2021 -- 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	91,425	58,202	33,223
2017 2/	90,342	56,925	33,417
2018 2/	85,735	52,002	33,733
2019	2/ 85,063	2/ 50,764	34,299
2020 2/	85,923	50,798	35,125
2021	86,531	51,776	34,755

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 2022) <<https://www.bea.gov/system/files/methodologies/SPI-Methodology.pdf>>

2/ 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 30, 2022) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed January 6, 2023; 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 branch of service.

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-- 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

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Table 10.07-- 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 10.08-- DEPARTMENT OF DEFENSE CONTRACT AWARDS, 2014 TO 2021, AND SUMMARY OF SPENDING AND PERSONNEL: 2021

[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/	2,611.4	2,441.2	35.3	33.3	95.7
Defense personnel spending (\$M.) 2/	5,267.0	4,753.4	31.9	17.8	35.0
Total defense personnel	70,484	63,388	(D)	300	463
Active duty	40,490	34,740	(D)	26	85
Civilian	20,361	19,923	186	67	185
National Guard	5,360	4,598	405	207	150
Reserve	4,273	4,127	74	-	43
Value of contract awards performed (\$M) and personnel (number)	Total	Army	Navy & Marines	Air Force	Other defense
2014 3/	1,900.0	(NA)	(NA)	(NA)	(NA)
2015 3/	1,784.1	(NA)	(NA)	(NA)	(NA)
2016 3/	1,973.1	(NA)	(NA)	(NA)	(NA)
2017 3/	1,939.6	(NA)	(NA)	(NA)	(NA)
2018 3/	2,184.0	(NA)	(NA)	(NA)	(NA)
2019 3/	2,381.5	(NA)	(NA)	(NA)	(NA)
2020 3/	2,658.7	(NA)	(NA)	(NA)	(NA)
2021	2,611.4	768.5	1,309.8	214.9	318.2
Contract awards (percent of total)	100.0	29.4	50.2	8.2	12.2
Personnel 2/	70,484	26,178	32,615	9,883	1,214
Personnel or spending	Total	Active duty	National Guard	Reserve	Civilian
Total personnel	70,484	40,490	5,360	4,273	20,361
Defense personnel spending (\$M.) 2/	5,267.0	2,940.0	443.3		1,883.8
Contracts (\$M.)	2,611.4	(NA)	(NA)	(NA)	(NA)
Supplies & equipment	192.6	(NA)	(NA)	(NA)	(NA)
Research & development	158.9	(NA)	(NA)	(NA)	(NA)
Service	1,856.0	(NA)	(NA)	(NA)	(NA)
Construction	403.9	(NA)	(NA)	(NA)	(NA)

Continued on next page.

Table 10.08-- DEPARTMENT OF DEFENSE CONTRACT AWARDS, 2014 TO 2021, AND SUMMARY OF SPENDING AND PERSONNEL: 2021 -- Con.

Contractors receiving largest value of prime contract awards (\$ million)			
Contractor name	Amount	Contractor name	Amount
Hensel Phelps Construction	212.7	PCL U.S. Holdings, Inc.	50.6
Smartronix	107.8	Koa Lani, JV LLC	45.6
Vigor Industrial	81.1	Portico Services LLC	43.7
MNDPI Pacific, JV	69.3	AECOM	40.5
TNT Constructors	58.5	Matson	40.0

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.

3/ 'Total' revised from previous *Data Book* but revised components not available.

Source: U.S. Department of Defense, Office of Local Defense Community Cooperation, "Defense Spending by State, Fiscal Year 2021" (October 20, 2022) and report data <<https://oldcc.gov/dsbs-fy2021>> accessed October 20, 2022; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 10.09-- DEPARTMENT OF DEFENSE SUMMARY OF SPENDING AND PERSONNEL: 2019 TO 2021

[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. See Table 10.08 for revised FY2019 and FY2020 total spending. FY2019 and FY2020 component revisions not available]

Category	2019		2020		2021	
	Value	Rank	Value	Rank	Value	Rank
Spending total (\$1,000)	7,475,317	22	7,746,972	21	7,878,377	22
As percent of total defense spending	1.4	21	1.3	21	1.4	2
As percent of Gross Domestic Product	7.7	2	8.5	2	8.3	2
Spending per resident (dollars)	5,280	4	5,506	4	5,465	3
Contract spending (\$1,000)	2,463,155	33	2,661,425	31	2,611,385	29
Honolulu	2,315,508	(NA)	2,517,932	(NA)	2,441,209	(NA)
Hawaii	11,266	(NA)	28,133	(NA)	35,300	(NA)
Kauai	115,979	(NA)	87,125	(NA)	95,700	(NA)
Maui 1/	20,403	(NA)	28,235	(NA)	33,288	(NA)
Construction	495,249	(NA)	441,652	(NA)	403,864	(NA)
Research and development	181,294	(NA)	194,863	(NA)	158,929	(NA)
Service	1,634,682	(NA)	1,848,636	(NA)	1,855,980	(NA)
Supplies and equipment	151,930	(NA)	176,274	(NA)	192,613	(NA)
Total personnel	70,396	9	70,387	9	70,484	9
Honolulu	62,723	(NA)	63,433	(NA)	63,388	(NA)
Hawaii	(D)	(NA)	(D)	(NA)	(D)	(NA)
Kauai	397	(NA)	409	(NA)	463	(NA)
Maui 1/	255	(NA)	282	(NA)	300	(NA)
Personnel spending (\$1,000)	5,012,161	9	5,085,548	9	5,266,992	9
Honolulu	4,470,059	(NA)	4,594,393	(NA)	4,753,445	(NA)
Hawaii	26,878	(NA)	27,233	(NA)	31,923	(NA)
Kauai	26,372	(NA)	27,577	(NA)	35,020	(NA)
Maui 1/	12,689	(NA)	14,121	(NA)	17,784	(NA)
Civilian	1,745,527	(NA)	1,818,568	(NA)	1,883,755	(NA)
Military active duty	2,893,966	(NA)	2,886,944	(NA)	2,939,982	(NA)
National Guard and Reserve	372,668	(NA)	380,036	(NA)	443,255	(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 FY2020" and report data <<https://oldcc.gov/dsbs-fy2020>> accessed October 19, 2021; "Defense Spending by State Fiscal Year 2021" and report data <<https://oldcc.gov/dsbs-fy2021>> accessed October 20, 2022; and calculations by the Hawaii State Department of Economic Development & Tourism.

**Table 10.10-- 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 10.11-- MILITARY CONSTRUCTION PROJECTS IN HAWAII: 2023 AND 2024

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

Year, branch and location	Facility category title	Construction project title	Amount (\$1,000)
2023 total			1,322,788
Air Force total			90,000
Maui	Research & development facilities	Secure Integration Support Lab with land acquisition	90,000
Army total			264,800
Army National Guard - Kapolei	Training buildings	National Guard Readiness Center Addition	34,800
Army active			230,000
Fort Shafter	Utility facilities	Water system upgrade	33,000
Schofield Barracks	Operational facilities	Company operations facility	159,000
Tripler Army Medical Center	Utility facilities	Water system upgrade	38,000
Navy and Marine Corps total			967,988
Navy active			851,024
Joint Base Pearl Harbor- Hickam	Maintenance & production facilities	Dry Dock 3 Replacement (Inc)	621,185
Joint Base Pearl Harbor- Hickam	Supply facilities	Missile magazines	129,633
Kaneohe Bay	Troop housing facilities	Bachelor enlisted quarters	100,206
Navy Reserve - Kaneohe Bay	Maintenance & production facilities	C-40 aircraft maintenance hangar & parking AP	116,964
2024 total			1,413,711
Air Force			75,000
Hickam AFB	Family housing construction	MHPI restructure-Joint Base Pearl Harbor- Hickam	75,000
Army			20,000
Aliamanu Military Reservation	Utility facilities	Water storage tank	20,000
Navy and Marine Corps			1,318,711
Joint Base Pearl Harbor- Hickam	Maintenance & production facilities	Dry Dock 3 Replacement (Inc)	1,318,711

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2024, Construction Programs (C-1) (March 13, 2023) <<https://comptroller.defense.gov/Budget-Materials/>> accessed March 13, 2023.

Table 10.12-- 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 10.13-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,
BY SERVICE: 2008 TO 2022**

[As of September 30]

Year	All services	Army	Navy and Marine Corps			Air Force	Other defense activities
			Total	Navy	Marine Corps		
2008	16,902	4,805	9,117	8,560	557	2,007	973
2009	17,828	5,212	9,472	8,829	643	2,106	1,038
2010	18,908	5,701	9,938	9,209	729	2,176	1,093
2011	19,198	5,766	10,555	9,865	690	1,808	1,069
2012	19,244	5,723	10,650	9,990	660	1,795	1,076
2013	18,265	5,347	10,112	9,434	678	1,764	1,042
2014	18,057	5,139	10,100	9,417	683	1,787	1,031
2015	18,487	5,104	10,336	9,680	656	1,762	1,285
2016	18,733	5,126	10,568	9,932	636	1,772	1,267
2017	18,739	5,137	10,682	10,071	611	1,674	1,246
2018	19,064	5,171	11,145	10,532	613	1,554	1,194
2019	19,591	5,177	11,738	11,088	650	1,424	1,252
2020	19,757	5,099	12,061	11,359	702	1,340	1,257
2021	19,716	5,121	12,127	11,464	663	1,254	1,214
2022	19,629	3,022	11,958	11,340	618	1,229	3,420

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 6, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.14-- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2022

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

Industry sector	Output (in millions of dollars)	Labor income (in millions of dollars)	Jobs (number)
Total	1,592.1	898.1	9,822
Federal government	755.4	620.4	5,407
Real estate and rentals	175.4	11.6	239
Health services	90.4	45.7	619
Mining and construction	76.5	32.4	306
Business services	54.7	32.4	615
Professional services	47.8	25.7	322
Retail trade	47.4	17.5	425
Finance and insurance	40.3	10.8	168
Other manufacturing	40.3	9.0	137
Other services	36.4	17.1	321
Eating and drinking	34.0	12.9	333
Transportation	33.9	10.3	176
Utilities	31.0	6.2	41
Wholesale trade	30.9	9.3	112
Information	28.5	5.8	61
Accommodation	25.9	6.6	84
State and local government	17.9	12.9	143
Food processing	9.4	1.8	41
Educational services	7.5	5.3	128
Arts and entertainment	5.0	2.8	87
Agriculture	3.5	1.6	59

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 10.15-- 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 10.16-- 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 10.16-- ARMY AND AIR NATIONAL GUARD STRENGTH:
1993 TO 2021 -- 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 10.17-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD: ANNUAL AVERAGE, 1990 TO 2022

[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/)	2007	31,750	16,400	4,000
1991	33,900	18,800	(1/)	2008	32,200	16,550	4,100
1992	33,300	18,100	(1/)	2009	33,300	17,500	4,200
1993	31,800	17,400	(1/)	2010	34,800	18,500	4,300
1994	31,300	16,900	(1/)	2011	34,900	19,100	4,300
1995	31,100	16,800	(1/)	2012	34,900	19,100	4,500
1996	31,100	16,800	(1/)	2013	33,900	18,300	4,300
1997	30,700	17,300	(1/)	2014	33,200	17,900	4,500
1998	30,400	16,900	(1/)	2015	33,100	18,100	4,800
1999	30,300	16,600	(1/)	2016	33,200	(2/)	(2/)
2000	31,000	16,400	(1/)	2017	33,400	(2/)	(2/)
2001	30,100	16,500	4,700	2018	33,700	(2/)	(2/)
2002	30,650	16,700	4,950	2019	34,300	(2/)	(2/)
2003	31,650	16,650	4,750	2020 3/	35,100	(2/)	(2/)
2004	31,450	16,600	4,250	2021 3/	34,700	(2/)	(2/)
2005	31,300	16,350	4,150	2022 3/	34,700	(2/)	(2/)
2006	31,850	16,650	4,200				

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 2023.

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 March 10, 2023.

Table 10.18-- SELECTIVE SERVICE REGISTRATION FOR HAWAII AND THE UNITED STATES: 2017 TO 2022

Subject	Registrants 1/	
	Hawaii	United States 2/
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
2021		
On-time registration eligible men CY 2021, 18 years old, born 2003	4,719	1,192,897
Entire registrant group CY 2021, 18-25 years old, born 1996-2003	61,593	15,593,873
2022		
On-time registration eligible men CY 2022, 18 years old, born 2004	4,429	1,039,797
Entire registrant group CY 2022, 18-2 years old, born 1997-2004	61,564	15,538,983

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 18, 2023, and records.

**Table 10.19-- 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 10.19-- 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 10.20-- 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 10.21-- 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 10.22-- 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 10.23-- 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 10.23-- 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 10.24-- DEPARTMENT OF DEFENSE PROCUREMENT CONTRACTS
AWARDED, BY SELECTED TYPE OF BUSINESS: 2018 TO 2022**

[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 and subtotals may be shown individually so sum is greater than published total. 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	2022
Total contract actions (number)	55,711	56,761	48,816	40,941	42,028
Total contract actions value	2,032,060	2,260,145	2,414,210	2,323,218	2,827,208
Small business	983,712	937,956	1,100,372	1,089,647	1,355,939
Small business as share of total (%)	48.4	41.5	45.6	46.9	48.0
Small disadvantaged business	530,545	466,405	582,945	649,426	739,555
Women-owned business	187,584	207,433	228,947	177,386	180,223
HUBZone 2/	102,606	74,222	83,012	87,792	148,436
Veteran-owned	231,230	195,455	172,136	166,323	165,380
Service-disabled veteran-owned	109,520	99,900	94,079	90,581	115,259
8(a) firm	309,241	253,525	325,491	413,278	514,390
AbilityOne Program 3/	23,461	22,917	24,232	24,358	25,969
HBCU 4/	-	-	-	-	-
Educational institutions	15,091	17,991	19,120	21,297	37,944
Asian Pacific	355,906	391,409	525,170	335,743	533,421
Minority institutions	-	-	-	-	-
Local government	2,160	2,372	2,493	-	-
State government	18,575	22,945	25,053	26,611	47,476
U.S. Tribal government	-	-	-	-	-
American Indian	23,494	5,923	22,480	43,770	43,540
Native American	147,574	166,193	230,777	358,790	434,571
Indian tribe 5/	8,707	1,622	5,465	12,254	313
Native Hawaiian Organization-owned	153,688	156,649	208,706	182,035	228,382
Tribally-owned	30,091	23,707	20,110	38,582	24,480
Alaskan Native-owned	71,300	64,338	110,729	148,931	157,372
Asian Indian	45,331	61,076	30,130	35,962	87,535
Minority-owned	609,440	651,300	839,521	722,721	1,065,423
Black-owned	45,252	36,028	40,155	27,326	23,394
Hispanic-owned	31,387	36,136	58,491	56,514	50,169
Non-profit organization	24,368	23,132	25,730	26,314	26,808
Emerging small business	-1,226	4,315	4,192	2,050	915
Hospital	-132	-91	16	-13	-

Continued on next page.

**Table 10.24-- DEPARTMENT OF DEFENSE PROCUREMENT CONTRACTS
AWARDED, BY SELECTED TYPE OF BUSINESS: 2018 TO 2022 -- 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/ Formerly named Javits-Wagner-O'Day Program.

4/ HBCU Historically Black Colleges and Universities.

5/ 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 FY 2022 accessed July 9, 2023; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.25-- DEPARTMENT OF DEFENSE PRIME PROCUREMENT
CONTRACTS AWARDED FOR HAWAII AND THE UNITED STATES:
1998 TO 2022**

[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	2/ 329,485,133	2/ 13,592,428
2012 2/	2,551,324	31,776	319,283,835	12,429,246
2013 2/	1,656,689	16,086	268,857,758	9,338,800
2014 2/	2,154,024	17,344	260,732,408	11,514,106
2015 2/	1,729,877	30,102	253,285,129	11,776,416
2016 2/	1,862,165	24,404	278,734,692	12,292,855
2017 2/	1,809,621	54,978	300,862,030	12,673,779
2018 2/	2,037,489	55,726	336,877,996	35,060,276
2019 2/	2,265,094	56,774	359,962,886	68,461,567
2020 2/	2,426,077	48,827	400,630,988	47,191,100
2021 2/	2,325,603	41,628	367,771,558	63,251,431
2022	2,827,208	42,028	390,150,653	52,519,892

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.

2/ Revised from previous *Data Book*.

Source: Federal Procurement Data System, Standard Reports by Place of Performance, FY1998 to FY2010 <https://www.fpds.gov/fpdsng_cms/index.php/en/> accessed July 25, 2018; and SAM (System for Award Management) Geographic Report by Place of Performance FY2011 to FY2022 <<https://sam.gov/reports/awards/standard>> accessed July 17, 2023.

Table 10.26-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: 2016, 2017 AND 2021

[As of September 30]

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
2016					
Hawaii total	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 total	4,167	120	88	3,269	690
Army	1,588	44	26	1,205	313
Navy	790	25	26	577	162
Air Force	1,528	42	31	1,297	158
Marine Corps	172	8	5	102	57
Washington Headquarters Service	89	1	-	88	-
2017					
Hawaii total	143	6	3	86	48
Army	29	2	3	21	3
Navy	84	3	-	38	43
Air Force	21	-	-	20	1
Marine Corps	9	1	-	7	1
United States total	4,150	121	89	3,208	732
Army	1,565	44	27	1,163	331
Navy	785	24	27	572	162
Air Force	1,535	43	30	1,294	168
Marine Corps	190	9	5	106	70
Washington Headquarters Service	75	1	-	73	1
2021 5/					
Hawaii total	141	10	7	91	33
Army	40	5	1	32	2
Navy	71	4	5	34	28
Air Force	21	-	-	19	2
Marine Corps	9	1	1	6	1
United States total	6,464	151	91	5,245	977
Army	3,800	52	28	3,340	380
Navy	735	32	33	536	134
Air Force	1,628	54	25	1,191	358
Marine Corps	226	12	5	104	105
Washington Headquarters Service	75	1	-	74	-

Continued on next page.

Table 10.26-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: 2016, 2017 AND 2021 -- Con.

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.904 billion in 2016 and \$2.067 billion in 2017, and \$2.415 billion in 2021.

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 in 2016 and \$1.102 billion and \$2.067 billion in 2017, and less than \$2.415 billion and greater than or equal to \$1.288 billion in 2021, respectively.

3/ A small installation has a total plant replacement value (PRV) less than \$1.015 billion and greater than 0 in 2016 and \$1.102 billion and 0 in 2017, and \$1.288 billion and 0 in 2021 respectively.

4/ Other installation has a total plant replacement value (PRV) equal to zero - primarily land records.

5/ Base Structure Reports were issued for 2018, 2019, and 2020 but did not include these data.

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-18 and DOD-21 <<https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY17.pdf>> accessed April 22, 2018; Ibid, 2018, pp. DOD-18 and 21 <<https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY18.pdf>> accessed April 2, 2019; and Base Structure Report FY22 <<https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY22.xlsx>> accessed July 7, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2021

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/		4,577	41,925,908	8,786	34,986,570	155,925	198,944	94,822
Air Force total		120	235,930	-	-	409	650	443
Air Force Active		116	204,914	-	-	409	639	402
Bellows AFS	Honolulu	90	129,791	-	-	409	486	297
Kaena Point Satellite Tracking Stn.	Waianae	26	75,123	-	-	-	153	104
Air Force Guard		4	31,016	-	-	-	11	41
Barking Sands Comm. Station	Kekaha Hawaiian Home Land	4	31,016	-	-	-	11	41
Army total		1,399	13,802,322	2,820	11,068,111	126,988	152,315	28,002
Army Active		1,371	12,982,563	2,820	11,068,111	126,984	152,294	26,994
Aliamanu Military Reservation	Honolulu	98	250,043	861	2,572,206	520	531	2,333
Dillingham Military Reservation	Waialua	4	3,696	-	-	628	664	67
Fort De Russy	Honolulu	25	801,852	-	-	70	72	461
Fort Shafter	Honolulu	151	1,598,474	140	378,668	585	602	2,322
Helemano Military Reservation	Wahiawa	20	304,222	216	1,556,062	284	294	1,725
Kahuku Training Area	Kahuku	20	32,276	-	-	-	782	70
Kawaihae Military Reserve	Kawaihae Hawaiian Home Land	1	938	-	-	3	18	24
Kilauea Military Reserve	Hawaii National Park	94	167,411	-	-	1	67	117
Kipapa Ammo Storage Site	Waipahu	69	176,927	-	-	370	402	192
Makua Military Reserve	Waianae	4	4,773	-	-	-	1,150	39
Pohakuloa Training Area	Hilo	167	288,569	4	362	108,829	131,823	775
Schofield Bks Military Reservation	Wahiawa	573	7,279,749	1,597	6,540,217	15,010	15,061	15,127
Signal Cable Trunking System	Wahiawa	9	992	-	-	-	135	142
Tripler Army Medical Center	Honolulu	39	1,920,662	2	20,596	358	367	3,463
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	12	14	29
Waikalkalaua Ammo Stor. Tunnels	Mililani Town	49	104,236	-	-	312	312	109
Army Guard		28	819,759	-	-	4	21	1,008
NG Kalaeloa	Kapolei	28	819,759	-	-	4	21	1,008

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Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2021 -- 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 Active		626	6,502,493	1,439	6,141,652	3,182	4,448	14,950
MC Training Area Bellows	Waimanalo	15	116,442	-	-	32	1,029	194
MCB Camp Smith	Aiea	50	916,776	10	28,959	219	221	1,303
MCB Hawaii Kaneohe	Kaneohe	527	5,154,962	1,276	5,683,179	2,686	2,955	12,768
MCB Hawaii Manana Capehart	Pearl City	6	10,019	153	429,514	52	52	365
MCB Hawaii Pearl City Annex	Pearl City	6	255,288	-	-	27	27	216
MCB Hawaii Puuloa-Oahu	Ewa Beach	22	49,005	-	-	165	165	105
Navy total		2,432	21,385,162	4,527	17,776,807	25,347	41,531	51,427
Navy Active		2,432	21,385,162	4,527	17,776,807	25,347	41,531	51,427
Aiea	Aiea	23	45,590	136	559,285	229	230	485
Camp Stover	Wheeler A.F. Base	3	700	61	295,432	35	35	237
Ewa	Ewa Beach	222	908,568	874	2,208,295	3,103	3,127	3,782
Ford Island	Ford Island Naval Reservation	107	1,409,146	339	1,250,669	445	445	3,448
Halawa Housing	Aiea	5	1,603	22	117,192	21	24	104
Halawa Water Storage Tanks	Pearl Harbor	-	-	-	-	12	13	57
Hale Keiki	Pearl Harbor	7	26,239	-	-	11	13	24
Hickam Air Force Base	Hickam Air Force Base	28	123,092	-	-	399	411	245
Hickam Petrol Storage Annex	Hickam Air Force Base	1	5,026	-	-	35	96	114
Honolulu	Pearl Harbor	171	1,711,082	1,450	6,109,166	980	982	6,746
Kalaeloa	Barbers Point Naval A.S.	101	533,719	-	-	79	90	612
Kamokala Ridge	Kekaha Hawaiian Home Land	13	27,410	-	-	-	267	41
Makaha Ridge	Kokee Air Force Station	16	29,949	-	-	-	202	61
NS Pearl Harbor	Pearl Harbor	903	13,658,522	1,242	5,417,059	5,697	5,736	27,053
PACMISRANFAC Hawaiian Area	Kekaha Hawaiian Home Land	231	594,871	78	139,461	1,929	17,451	1,546
Pearl City	Pearl City	37	335,115	251	1,325,450	624	627	1,617
Red Hill Tank Site	Honolulu	16	20,940	-	-	249	256	1,450

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Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2021 -- 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.)								
Wahiawa	Wahiawa	123	825,355	74	354,798	716	736	1,581
Waianae	Lualualei Hawaiian Home Land	387	1,055,711	-	-	9,239	9,239	1,422
Waiawa Well Site	Pearl City	4	8,656	-	-	75	80	18
Waipahu	Waipahu	21	42,072	-	-	1,453	1,455	772
White Plains Beach	Barbers Point Naval A.S.	13	21,797	-	-	15	15	12

1/ This report also inventories leased buildings (5) and square footage (206,628).

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 2022 (Base Structure Report - as of 30 Sep 2021) <https://www.acq.osd.mil/eic/BSI/BEI_Library.html> accessed March 16, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.28-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS DESIGNATED PLACES (CDP): 2017-2021**

[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	556,937	478,413	291,814	186,599
Ahuimanu CDP	3,018	2,920	2,419	501
Hickam Housing CDP	3,117	2,884	7	2,877
Iroquois Point CDP	1,589	1,504	-	1,504
Kalaeloa CDP	893	766	-	766
Kaneohe CDP	11,463	10,959	8,116	2,843
Kaneohe Base CDP	3,068	2,848	24	2,824
Schofield Barracks CDP	4,734	4,346	20	4,326
Wheeler AFB CDP	971	873	3	870

Source: U.S. Census Bureau, 2017-2021 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 20, 2023.

**Table 10.29-- 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 10.30-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING RATES, BY COUNTY: 2023

[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 2/	Honolulu County	Hawaii County	Kauai County	Maui County 2/	Honolulu County	Hawaii County	Kauai County
E01	3,225	3,084	2,175	2,853	2,421	2,313	1,632	2,268
E02	3,225	3,084	2,175	2,853	2,421	2,313	1,632	2,268
E03	3,225	3,084	2,175	2,853	2,421	2,313	1,632	2,268
E04	3,225	3,084	2,175	2,853	2,421	2,313	1,632	2,268
E05	3,618	3,303	2,265	3,024	2,715	2,607	1,920	2,529
E06	4,287	3,513	2,283	3,366	3,216	2,880	2,085	2,691
E07	4,350	3,648	2,301	3,387	3,264	3,087	2,172	2,853
E08	4,419	3,792	2,310	3,396	3,753	3,351	2,277	3,096
E09	4,617	3,990	2,388	3,549	3,960	3,402	2,283	3,192
W01	4,305	3,531	2,298	3,384	3,231	3,015	2,157	2,802
W02	4,380	3,708	2,307	3,393	3,750	3,348	2,274	3,093
W03	4,464	3,888	2,319	3,405	3,975	3,408	2,286	3,201
W04	4,677	4,032	2,421	3,621	4,302	3,540	2,295	3,363
W05	4,932	4,203	2,547	3,906	4,365	3,678	2,301	3,372
O01E	4,362	3,672	2,304	3,390	3,621	3,297	2,259	3,018
O02E	4,452	3,861	2,313	3,399	3,912	3,393	2,280	3,174
O03E	4,713	4,053	2,436	3,660	4,284	3,504	2,292	3,357
O01	3,699	3,336	2,277	3,072	2,832	2,859	2,079	2,673
O02	4,278	3,510	2,280	3,363	3,486	3,228	2,238	2,967
O03	4,461	3,882	2,316	3,402	4,044	3,432	2,289	3,240
O04	5,025	4,260	2,589	4,011	4,350	3,651	2,298	3,366
O05	5,427	4,527	2,790	4,467	4,386	3,738	2,304	3,375
O06	5,475	4,569	2,814	4,506	4,449	3,873	2,307	3,381
O07	5,520	4,608	2,832	4,545	4,518	3,939	2,331	3,417

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.

2/ DOD authorized temporary automatic BAH rate increases effective October 1 through December 31, 2022.

Source: U.S. Department of Defense, Defense Travel Management Office, Basic Allowance for Housing, BAH Rates for All Locations <<https://www.travel.dod.mil/Allowances/Basic-Allowance-for-Housing/>> accessed December 14, 2022.

**Table 10.31-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
2018 TO 2022**

[As of July 1 for civilian population and September 30 for veteran population. Veteran population 2018 and 2019 are based on VetPop2018 and 2020 to 2022 are based on VetPop2020. Calculations are on unrounded data. Veteran and nonveteran population are then rounded to the nearest 1,000]

Veteran status	2018	2019	2020	2021	2022
Civilian population	1,090,079	1,085,735	1/ 1,118,059	1/ 1,118,767	1,117,230
Male	527,370	524,800	1/ 547,837	1/ 547,008	545,706
Female	562,709	560,935	1/ 570,222	1/ 571,759	571,524
Veterans	118,000	116,000	1/ 113,000	1/ 110,000	107,000
Male	105,000	103,000	1/ 99,000	1/ 96,000	94,000
Female	13,000	13,000	13,000	13,000	13,000
War veterans 2/	97,000	96,000	1/ 90,000	1/ 88,000	86,000
Persian Gulf War 3/	55,000	56,000	1/ 53,000	1/ 54,000	54,000
Vietnam era	36,000	35,000	1/ 33,000	32,000	30,000
Korean conflict	7,000	7,000	1/ 7,000	1/ 6,000	5,000
World War II	3,000	2,000	1/ 1,000	1,000	1,000
Peacetime only	21,000	20,000	1/ 23,000	1/ 22,000	21,000
Nonveterans	1/ 972,000	1/ 969,000	1/ 1,005,000	1/ 1,009,000	1,010,000
Male	1/ 422,000	1/ 421,000	1/ 449,000	1/ 451,000	452,000
Female	1/ 550,000	1/ 548,000	1/ 557,000	1/ 558,000	558,000

1/ Revised from previous *Data Book*.

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.

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, 2022" (June 2023) <<https://www2.census.gov/programs-surveys/popest/datasets/2020-2021/state/asrh/sc-est2021-agesex-civ.csv>> accessed June 23, 2023; U.S. Department of Veterans Affairs, "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 June 23, 2023; The Veteran Population Projection Model 2020 (VetPop2020) "Table 7L: VETPOP2020 Living Veterans by State, Period of Service, 'Gender, 2020-2050" <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/7L_VetPop2020_POS_State.xlsx> accessed July 11, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.32-- ARMED FORCES AND VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER, FOR HAWAII AND THE UNITED STATES: 2021

[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* nor *2022*. 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	1,441,553	331,893,745	0.4
18 years and over	1,137,352	258,418,467	0.4
In Armed Forces 1/	49,136	1,334,683	3.7
Civilian	1,088,216	257,083,784	0.4
Veteran	87,357	16,501,502	0.5
Nonveteran	1,000,859	240,582,282	0.4
18 to 64 years	854,785	202,526,453	0.4
In Armed Forces 1/	49,136	1,334,683	3.7
Civilian	805,649	201,191,770	0.4
Veteran	45,560	8,385,977	0.5
Nonveteran	760,089	192,805,793	0.4
65 years and over	282,567	55,892,014	0.5
In Armed Forces 1/	-	-	(X)
Civilian	282,567	55,892,014	0.5
Veteran	41,797	8,115,525	0.5
Nonveteran	240,770	47,776,489	0.5
Male	725,604	164,350,703	0.4
18 years and over	567,757	126,690,177	0.4
In Armed Forces 1/	40,482	1,115,498	3.6
Civilian	527,275	125,574,679	0.4
Veteran	77,139	14,843,173	0.5
Nonveteran	450,136	110,731,506	0.4
18 to 64 years	438,137	101,498,435	0.4
In Armed Forces 1/	40,482	1,115,498	3.6
Civilian	397,655	100,382,937	0.4
Veteran	36,991	7,088,101	0.5
Nonveteran	360,664	93,294,836	0.4

Continued on next page.

Table 10.32-- ARMED FORCES AND VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER, FOR HAWAII AND THE UNITED STATES: 2021 -- Con.

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Male (con.)			
65 years and over	129,620	25,191,742	0.5
In Armed Forces 1/	-	-	(X)
Civilian	129,620	25,191,742	0.5
Veteran	40,148	7,755,072	0.5
Nonveteran	89,472	17,436,670	0.5
Female	715,949	167,543,042	0.4
18 years and over	569,595	131,728,290	0.4
In Armed Forces 1/	8,654	219,185	3.9
Civilian	560,941	131,509,105	0.4
Veteran	10,218	1,658,329	0.6
Nonveteran	550,723	129,850,776	0.4
18 to 64 years	416,648	101,028,018	0.4
In Armed Forces 1/	8,654	219,185	3.9
Civilian	407,994	100,808,833	0.4
Veteran	8,569	1,297,876	0.7
Nonveteran	399,425	99,510,957	0.4
65 years and over	152,947	30,700,272	0.5
In Armed Forces 1/	-	-	(X)
Civilian	152,947	30,700,272	0.5
Veteran	1,649	360,453	0.5
Nonveteran	151,298	30,339,819	0.5

X Not applicable.

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

Source: U.S. Census Bureau, 2021 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 June 6, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.33-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES, BY COUNTY: 2021 AND 2022

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

Subject	State	Hawaii	Honolulu	Kalawao	Kauai	Maui
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	-	-	-
2022						
Veteran population 1/	107,210	13,218	81,293	17	4,621	8,061
Unique patients 2/	30,531	4,738	21,781	(3/)	(3/)	2,385
Total expenditure	1,400,365	181,292	1,071,732	3	52,010	95,329
Compensation & pension 4/	749,606	102,597	569,153	-	24,773	53,083
Educ. & vocational rehab/emp.	131,317	4,949	123,192	-	999	2,177
Medical care 5/	487,381	72,962	348,603	3	26,165	39,648
Insurance & indemnities	7,427	783	6,150	-	73	421
Construction	7,023	-	7,023	-	-	-
General operating expenses	17,611	-	17,611	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Department of Veterans Affairs, Predictive Analytics and Actuary Service (VetPop 2020).

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 disabilities; 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 10, 2023.

Table 10.34-- MILITARY RETIREMENT SYSTEM: 2021

[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	18,119	16,883	45,592	2,700
By branch of service				
Army	7,188	6,480	16,989	2,622
Navy	4,870	4,649	13,209	2,841
Marine Corps	1,131	1,027	3,382	3,293
Air Force	4,930	4,727	12,012	2,541
By rank				
Officers	5,359	5,306	22,677	4,274
Nondisability and reserve	5,082	5,078	22,039	4,340
Disability	277	228	638	2,798
Enlisted	12,760	11,577	22,916	1,979
Nondisability and reserve	11,093	10,914	22,170	2,031
Disability	1,667	663	746	1,125
Department of Defense, concurrent receipt	7,031	(X)	13,174	1,874
Concurrent Retirement & Disability Pay (CRDP)	6,422	(X)	12,478	1,943
Nondisability	5,686	(X)	11,231	1,975
Disability	260	(X)	607	2,335
Reserve	476	(X)	640	1,345
Combat Related Special Compensation (CRSC)	609	(X)	696	1,143
Nondisability	250	(X)	419	1,676
Disability	295	(X)	224	759
Reserve	64	(X)	54	844
Military survivors, by branch of servicemember				
Receiving pay	(X)	2,468	2,816	1,141
Army	(X)	1,238	1,306	1,055
Navy	(X)	469	597	1,273
Marine Corps	(X)	119	181	1,521
Air Force	(X)	642	732	1,140

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 2021 DOD Statistical Report on the Military Retirement System* (September 2021) pp. 23 to 25 and 69 <<http://actuary.defense.gov/>> accessed January 10, 2023 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.35-- MILITARY RETIREMENT SYSTEM: 2022

[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	18,051	16,783	48,227	2,874
By branch of service				
Army	7,239	6,480	18,188	2,807
Navy	4,811	4,605	13,903	3,019
Marine Corps	1,098	992	3,478	3,506
Air Force	4,903	4,706	12,657	2,690
By rank				
Officers	5,379	5,321	24,118	4,533
Nondisability and reserve	5,099	5,095	23,460	4,605
Disability	280	226	658	2,912
Enlisted	12,672	11,462	24,109	2,103
Nondisability and reserve	10,975	10,810	23,295	2,155
Disability	1,697	652	814	1,248
Department of Defense, concurrent receipt	7,945	(X)	15,797	1,988
Concurrent Retirement & Disability Pay (CRDP)	7,286	(X)	15,009	2,060
Nondisability	6,468	(X)	13,547	2,094
Disability	265	(X)	657	2,479
Reserve	553	(X)	805	1,456
Combat Related Special Compensation (CRSC)	659	(X)	788	1,196
Nondisability	299	(X)	486	1,625
Disability	296	(X)	240	811
Reserve	64	(X)	62	969
Military survivors, by branch of servicemember				
Receiving pay	(X)	2,453	3,197	1,303
Army	(X)	1,221	1,491	1,221
Navy	(X)	452	654	1,447
Marine Corps	(X)	118	205	1,737
Air Force	(X)	662	847	1,279

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 2022 DOD Statistical Report on the Military Retirement System* (forthcoming) pp. 23 to 25 and 69; and calculations by Hawaii State Department of Business, Economic Development & Tourism.