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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:
2012 TO 2023**

[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 | Space Force 1/ | |
| Active duty | | | | | | | | |
| 2012 | 46,736 | 45,394 | 19,799 | 14,345 | 6,364 | 4,886 | (X) | 1,342 |
| 2013 | 48,304 | 47,002 | 21,238 | 14,486 | 6,113 | 5,165 | (X) | 1,302 |
| 2014 | 49,836 | 48,565 | 21,857 | 15,273 | 6,264 | 5,171 | (X) | 1,271 |
| 2015 | 46,123 | 44,872 | 17,631 | 15,877 | 6,355 | 5,009 | (X) | 1,251 |
| 2016 | 38,284 | 37,057 | 16,937 | 8,359 | 6,784 | 4,977 | (X) | 1,227 |
| 2017 | 36,620 | 35,412 | 16,313 | 7,792 | 6,370 | 4,937 | (X) | 1,208 |
| 2018 | 42,981 | 41,803 | 16,251 | 13,716 | 6,788 | 5,048 | (X) | 1,178 |
| 2019 | 42,020 | 40,760 | 15,346 | 13,558 | 6,453 | 5,403 | (X) | 1,260 |
| 2020 | 41,762 | 40,494 | 15,451 | 12,296 | 7,159 | 5,588 | (X) | 1,268 |
| 2021 | 41,815 | 40,538 | 15,493 | 12,571 | 6,940 | 5,534 | (X) | 1,277 |
| 2022 | 40,485 | 39,266 | 15,428 | 12,476 | 5,799 | 5,563 | | 1,219 |
| 2023 | 44,545 | 43,274 | 19,044 | 12,610 | 5,982 | 5,483 | 155 | 1,271 |
| National Guard and reserve 2/ | | | | | | | | |
| 2012 | 9,216 | 9,070 | 5,247 | 777 | 89 | 2,957 | (X) | 146 |
| 2013 | 9,145 | 8,992 | 5,229 | 726 | 75 | 2,962 | (X) | 153 |
| 2014 | 9,319 | 9,167 | 5,433 | 666 | 62 | 3,006 | (X) | 152 |
| 2015 | (2/) | 9,124 | 5,556 | 631 | 68 | 2,869 | (X) | (3/) |
| 2016 | 9,142 | 9,005 | 5,369 | 615 | 56 | 2,965 | (X) | 137 |
| 2017 | 9,402 | 9,283 | 5,525 | 611 | 281 | 2,866 | (X) | 119 |
| 2018 | 9,390 | 9,260 | 5,325 | 644 | 291 | 3,000 | (X) | 130 |
| 2019 | 9,637 | 9,521 | 5,415 | 691 | 311 | 3,104 | (X) | 116 |
| 2020 | 9,593 | 9,461 | 5,376 | 703 | 310 | 3,072 | (X) | 132 |
| 2021 | 9,760 | 9,636 | 5,564 | 722 | 255 | 3,095 | (X) | 124 |
| 2022 | 9,546 | 9,409 | 5,399 | 716 | 220 | 3,074 | (X) | 137 |
| 2023 | 9,604 | 9,479 | 5,480 | 704 | 203 | 3,092 | (X) | 125 |

X Not applicable.

1/ The U.S. Space Force was established on December 20, 2019, when the National Defense Authorization Act was signed into law, creating the first new branch of the armed services since 1947.

2/ All services, except the Space Force, have reserve units and the Army and the Air Force also have National Guard units.

3/ 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 9, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.05-- FEDERAL GOVERNMENT MILITARY AND CIVILIAN PERSONNEL: 1995 TO 2022

[Estimates for 1995 to 1997 are based on the Standard Industrial Classification (SIC) and estimates 1998 to 2022 are based on the North American Industry Classification System (NAICS)]

| Year | Total | Military 1/ | Civilian |
|------|-----------|-------------|-----------|
| 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 |
| 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 | 90,342 | 56,925 | 33,417 |
| 2018 | 85,735 | 52,002 | 33,733 |
| 2019 | 85,063 | 50,764 | 34,299 |
| 2020 | 85,923 | 50,798 | 35,125 |
| 2021 | 2/ 86,532 | 51,776 | 2/ 34,756 |
| 2022 | 85,232 | 50,522 | 34,710 |

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 2023) <<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" (September 29, 2023) and "SAEMP25N Total Full-Time and Part-Time Employment by NAICS Industry" (September 29, 2023) <<https://apps.bea.gov/itable/?ReqID=70&step=1>> accessed January 19, 2024; 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 |

Continued on next page.

**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 | Retire- ment benefits | Nonretire- ment 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 10.07-- 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, 2015 TO 2022,
AND SUMMARY OF SPENDING AND PERSONNEL: 2022**

[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.) | 3,241.6 | 3,052.9 | 71.4 | 25.3 | 92.0 |
| Defense personnel spending (\$M.) 2/ | 5,333.5 | 4,816.5 | 26.9 | 13.0 | 34.0 |
| Total defense personnel | 68,754 | 61,767 | (D) | (D) | 455 |
| Active duty | 39,161 | 33,508 | (D) | 18 | 81 |
| Civilian | 20,185 | 19,768 | 180 | 62 | 175 |
| National Guard 2/ | 5,354 | 4,569 | 377 | 212 | 157 |
| Reserve | 4,054 | 3,922 | 61 | (D) | 42 |
| Value of contract awards performed (\$M) and personnel (number) | Total | Army | Navy & Marines | Air Force | Other defense |
| 2015 3/ | 1,496.7 | (NA) | (NA) | (NA) | (NA) |
| 2016 3/ | 1,922.0 | (NA) | (NA) | (NA) | (NA) |
| 2017 3/ | 1,901.6 | (NA) | (NA) | (NA) | (NA) |
| 2018 3/ | 2,111.4 | (NA) | (NA) | (NA) | (NA) |
| 2019 3/ | 2,359.1 | (NA) | (NA) | (NA) | (NA) |
| 2020 3/ | 2,264.8 | (NA) | (NA) | (NA) | (NA) |
| 2021 3/ | 2,545.2 | (NA) | (NA) | (NA) | (NA) |
| 2022 | 3,241.6 | 794.2 | 1,957.9 | 243.6 | 245.9 |
| Contract awards (percent of total) | 100.0 | 24.5 | 60.4 | 7.5 | 7.6 |
| Personnel 2/ | 68,754 | 23,849 | 31,169 | 9,866 | 3,420 |
| Personnel (percent of total) | 100.0 | 34.9 | 45.6 | 14.4 | 5.0 |
| Personnel or spending | Total | Active duty | National Guard | Reserve | Civilian |
| Total personnel | 68,754 | 39,161 | 5,354 | 4,054 | 20,185 |
| Defense personnel spending (\$M.) 2/ | 5,333.5 | 3,046.2 | 389.0 | | 1,898.3 |
| Contracts (\$M.) | 3,241.6 | (NA) | (NA) | (NA) | (NA) |
| Supplies & equipment | 178.4 | (NA) | (NA) | (NA) | (NA) |
| Research & development | 215.9 | (NA) | (NA) | (NA) | (NA) |
| Service | 2,613.9 | (NA) | (NA) | (NA) | (NA) |
| Construction | 233.4 | (NA) | (NA) | (NA) | (NA) |

Continued on next page.

**Table 10.08-- DEPARTMENT OF DEFENSE CONTRACT AWARDS, 2015 TO 2022,
AND SUMMARY OF SPENDING AND PERSONNEL: 2022 -- Con.**

| Contractors receiving largest value of prime contract awards (\$ million) | | | |
|---|--------|--------------------------------------|--------|
| Contractor name | Amount | Contractor name | Amount |
| Holdco Sands, LLC | 224.6 | Insight Pacific | 68.5 |
| Hensel Phelps Construction | 186.8 | TAT Technologies, Ltd. | 58.9 |
| Nan, Inc. | 121.9 | Huntington Ingalls | 55.6 |
| AECOM | 107.7 | Innovative Management Concepts, Inc. | 53.3 |
| Koa Lani JV, LLC | 78.9 | Pacific Shipyards International | 50.5 |

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

NA Not available.

1/ Includes Kalawao County.

2/ 'Total' includes personnel and/or 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 2022" (September 26, 2023) and report data <<https://oldcc.gov/dsbs-fy2022>> accessed September 26, 2023; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 10.09-- DEPARTMENT OF DEFENSE SUMMARY OF SPENDING AND PERSONNEL: 2020 TO 2022

[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 FY2020 and FY2021 total spending. FY2020 and FY2021 component revisions not available]

| Category | 2020 | | 2021 | | 2022 | |
|--|-----------|------|-----------|-------|-----------|------|
| | Value | Rank | Value | Rank | Value | Rank |
| Spending total (\$1,000) 1/ | 7,746,972 | 21 | 7,878,377 | 22 | 8,757,604 | 22 |
| As percent of total defense spending | 1.3 | 21 | 1.4 | 2/ 22 | 1.6 | 20 |
| As percent of Gross Domestic Product | 8.5 | 2 | 8.3 | 2 | 8.9 | 2 |
| Spending total per resident (dollars) 1/ | 5,506 | 4 | 5,465 | 3 | 6,081 | 4 |
| Grant spending (\$1,000) | (NA) | (NA) | (NA) | (NA) | 182 | 18 |
| Contract spending (\$1,000) | 2,661,425 | 31 | 2,611,385 | 29 | 3,241,588 | 27 |
| Honolulu | 2,517,932 | (NA) | 2,441,209 | (NA) | 3,052,907 | (NA) |
| Hawaii | 28,133 | (NA) | 35,300 | (NA) | 71,357 | (NA) |
| Kauai | 87,125 | (NA) | 95,700 | (NA) | 91,993 | (NA) |
| Maui 3/ | 28,235 | (NA) | 33,288 | (NA) | 25,331 | (NA) |
| Construction | 441,652 | (NA) | 403,864 | (NA) | 233,360 | (NA) |
| Research and development | 194,863 | (NA) | 158,929 | (NA) | 215,929 | (NA) |
| Service | 1,848,636 | (NA) | 1,855,980 | (NA) | 2,613,916 | (NA) |
| Supplies and equipment | 176,274 | (NA) | 192,613 | (NA) | 178,384 | (NA) |
| Total personnel | 70,387 | 9 | 70,484 | 9 | 68,754 | 9 |
| Honolulu | 63,433 | (NA) | 63,388 | (NA) | 61,767 | (NA) |
| Hawaii | (D) | (NA) | (D) | (NA) | (D) | (NA) |
| Kauai | 409 | (NA) | 463 | (NA) | 455 | (NA) |
| Maui 3/ | 282 | (NA) | 300 | (NA) | (D) | (NA) |
| Personnel spending (\$1,000) | 5,085,548 | 9 | 5,266,992 | 9 | 5,333,523 | 9 |
| Honolulu | 4,594,393 | (NA) | 4,753,445 | (NA) | 4,816,527 | (NA) |
| Hawaii | 27,233 | (NA) | 31,923 | (NA) | 26,935 | (NA) |
| Kauai | 27,577 | (NA) | 35,020 | (NA) | 33,963 | (NA) |
| Maui 3/ | 14,121 | (NA) | 17,784 | (NA) | 13,046 | (NA) |
| Civilian | 1,818,568 | (NA) | 1,883,755 | (NA) | 1,898,276 | (NA) |
| Military active duty | 2,886,944 | (NA) | 2,939,982 | (NA) | 3,046,223 | (NA) |
| National Guard and Reserve | 380,036 | (NA) | 443,255 | (NA) | 389,023 | (NA) |

Continued on next page.

**Table 10.09-- DEPARTMENT OF DEFENSE SUMMARY OF SPENDING AND
PERSONNEL: 2020 TO 2022 -- Con.**

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

NA Not available.

1/ 'Total' includes grant spending for FY2022.

2/ Revised from previous *Data Book*.

3/ Includes Kalawao County.

Source: U.S. Department of Defense, Office of Economic Adjustment, "Defense Spending by State, Fiscal Year 2021" and report data <<https://oldcc.gov/dsbs-fy2021>> accessed October 20, 2022; "Defense Spending by State, Fiscal Year 2022" (September 26, 2023) and report data <<https://oldcc.gov/dsbs-fy2022>> 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 | Construc- tion | 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: 2024 AND 2025

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

| Year, branch and location | Facility category title | Construction project title | Amount (\$1,000) |
|---|--|---|-----------------------------------|
| 2024 total | | | 1,413,711 |
| Air Force Hickam AFB | Family housing construction | MHPI restructure-JBPH-H 1/ | 75,000 75,000 |
| Army Aliamanu Military Reservation | Utility facilities | Water storage tank | 20,000 20,000 |
| Navy and Marine Corps JBPH-H 1/ | Maintenance & production facilities | Dry Dock 3 Replacement (Inc) | 1,318,711 1,318,711 |
| 2025 total | | | 1,670,120 |
| Air Force Air National Guard- Hickam AFB | Operational facilities | Space Control Center | 36,600 36,600 |
| Army Wheeler Army Air Field | Maintenance & production facilities | Aircraft maintenance hangar | 231,000 231,000 |
| Navy and Marine Corps JBPH-H 1/ Kaneohe Bay | Maintenance & production facilities Maintenance & production facilities | Dry Dock 3 Replacement (Inc) Aircraft hangar & parking apron | 1,402,520 1,199,000 203,520 |

1/ Joint Base Pearl Harbor-Hickam.

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2025, Construction Programs (C-1) (March 11, 2024) <https://comptroller.defense.gov/Portals/45/Documents/defbudget/FY2025/FY2025_c1.pdf> accessed March 11, 2024.

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 2023**

[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 |
| 2023 | 20,477 | 3,192 | 12,418 | 11,797 | 621 | 1,465 | 3,402 |

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 November 15, 2023; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.14-- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2023

[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 | 9,487 |
| Federal government | 755.4 | 620.4 | 5,214 |
| Real estate and rentals | 175.4 | 11.6 | 232 |
| Health services | 90.4 | 45.7 | 602 |
| Mining and construction | 76.5 | 32.4 | 295 |
| Business services | 54.7 | 32.4 | 592 |
| Professional services | 47.8 | 25.7 | 311 |
| Retail trade | 47.4 | 17.5 | 411 |
| Finance and insurance | 40.3 | 10.8 | 163 |
| Other manufacturing | 40.3 | 9.0 | 132 |
| Other services | 36.4 | 17.1 | 310 |
| Eating and drinking | 34.0 | 12.9 | 322 |
| Transportation | 33.9 | 10.3 | 171 |
| Utilities | 31.0 | 6.2 | 40 |
| Wholesale trade | 30.9 | 9.3 | 107 |
| Information | 28.5 | 5.8 | 58 |
| Accommodation | 25.9 | 6.6 | 79 |
| State and local government | 17.9 | 12.9 | 138 |
| Food processing | 9.4 | 1.8 | 40 |
| Educational services | 7.5 | 5.3 | 125 |
| Arts and entertainment | 5.0 | 2.8 | 85 |
| Agriculture | 3.5 | 1.6 | 58 |

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/departments-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 2023**

[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 | 2/ 31,800 | 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 | (3/) | (3/) |
| 2000 | 31,000 | 16,500 | (1/) | 2017 | 33,400 | (3/) | (3/) |
| 2001 | 30,100 | 16,500 | 4,700 | 2018 | 33,700 | (3/) | (3/) |
| 2002 | 2/ 30,700 | 16,700 | 4,950 | 2019 4/ | 34,300 | (3/) | (3/) |
| 2003 | 2/ 31,600 | 16,650 | 4,750 | 2020 4/ | 35,100 | (3/) | (3/) |
| 2004 | 2/ 31,500 | 16,600 | 4,250 | 2021 4/ | 34,700 | (3/) | (3/) |
| 2005 | 31,300 | 16,350 | 4,150 | 2022 4/ | 34,700 | (3/) | (3/) |
| 2006 | 2/ 31,800 | 16,650 | 4,200 | 2023 4/ | 35,100 | (3/) | (3/) |

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

2/ Revised from previous *Data Book*.

3/ Series discontinued.

4/ Benchmarked by Hawaii State Department of Business & Economic Development in March 2024.

Source: Hawaii State Department of Business & Economic Development, Current Employment Statistics, 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 11, 2024.

Table 10.18-- SELECTIVE SERVICE REGISTRATION FOR HAWAII AND THE UNITED STATES: 2017 TO 2023

| 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, 18-25 years old, born 1997-2004 | 4/ 61,565 | 15,538,983 |
| 2023 | | |
| Newly registered 18-year old men | 3,932 | 902,388 |
| Registration rate | 50.6 | 40.0 |
| Entire registrant group CY 2023, 18-25 years old, born 1998-2005 | 61,504 | 15,178,519 |
| Registration rate | 85.1 | 84.2 |

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.

4/ Revised from previous *Data Book*.

Source: Selective Service System, *Annual Report to Congress* (annual)

<<https://www.sss.gov/reports/annual-reports-to-congress/>> accessed July 11, 2024, and records.

**Table 10.19-- U.S. DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY NAICS CODE AND STATUS: 2023**

[In thousands of dollars. Fiscal years ending September 30. Based on North American Industry Classification System (NAICS) 2022 (unless otherwise indicated)]

| NAICS Code | NAICS Code name | Total obligated 1/ | Total outlay 2/ | Current total value of awards | Potential total value of awards 3/ |
|------------|-------------------------------------|--------------------|-----------------|-------------------------------|------------------------------------|
| | Total | 11,748,778 | 485,173 | 15,645,095 | 17,488,470 |
| 11 | Agric., forestry, fishing & hunting | 273 | - | 273 | 326 |
| 112 | Animal prod. & aquaculture | 55 | - | 55 | 55 |
| 114 | Fishing, hunting and trapping | 15 | - | 15 | 15 |
| 115 | Supp. activ. for agric. & forestry | 203 | - | 203 | 256 |
| 21 | Mining, quar., & oil & gas extrctn. | 2 | - | 2 | 2 |
| 213 | Support activities for mining | 2 | - | 2 | 2 |
| 22 | Utilities | 285,561 | 19,447 | 926,301 | 936,623 |
| 221 | Oil and gas extraction 4/ | 285,561 | 19,447 | 926,301 | 936,623 |
| 23 | Construction | 4,825,552 | 63,803 | 7,457,446 | 7,508,336 |
| 234 | Heavy construction 4/ | 75 | - | 2,039 | 2,039 |
| 236 | Construction of buildings | 3,348,273 | 41,144 | 3,530,835 | 3,577,947 |
| 237 | Heavy & civil engineering cons. | 1,374,648 | 19,514 | 3,822,017 | 3,823,427 |
| 238 | Specialty trade contractors | 102,556 | 3,145 | 102,555 | 104,923 |
| 31-33 | Manufacturing | 1,285,887 | 53,453 | 1,261,586 | 1,430,242 |
| 311 | Food | 43,218 | 5,805 | 43,232 | 43,232 |
| 312 | Beverage & tobacco product | 27 | 1 | 27 | 27 |
| 313 | Textile mills | 18 | - | 18 | 18 |
| 314 | Textile product mills | 75 | - | 75 | 75 |
| 315 | Apparel | 100 | - | 100 | 100 |
| 321 | Wood product | 54 | 9 | 54 | 54 |
| 322 | Paper | 1,003 | - | 1,070 | 1,070 |
| 324 | Petroleum and coal products | 11,449 | 3,883 | 11,449 | 11,582 |
| 325 | Chemical | 5,914 | 727 | 5,922 | 6,230 |
| 326 | Plastics and rubber products | 308 | 26 | 308 | 365 |
| 327 | Nonmetallic mineral product | 721 | - | 721 | 721 |
| 331 | Primary metal | 15 | - | 15 | 15 |
| 332 | Fabricated metal product | 9,592 | - | 9,592 | 9,632 |
| 333 | Machinery | 15,004 | 2,343 | 15,077 | 16,080 |
| 334 | Computer and electr. product | 82,988 | 364 | 32,939 | 33,991 |
| 335 | Elect. equip., appl., & comp. | 28,609 | - | 28,609 | 28,609 |
| 336 | Transportation equipment | 1,072,412 | 38,872 | 1,097,999 | 1,264,063 |
| 337 | Furniture and related product | 13,129 | 1,418 | 13,129 | 13,129 |
| 339 | Miscellaneous | 1,250 | 4 | 1,250 | 1,250 |
| 42 | Wholesale trade | 357 | 66 | 426 | 460 |
| 423 | Merch. wholesalers, durables | 69 | - | 137 | 171 |
| 424 | Merch. wholesalers, nondur. | 289 | 66 | 289 | 289 |

Continued on next page.

**Table 10.19-- U.S. DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY NAICS CODE AND STATUS: 2023 -- Con.**

| NAICS Code | NAICS Code name | Total obligated 1/ | Total outlay 2/ | Current total value of awards | Potential total value of awards 3/ |
|-----------------------|---|-------------------------------|----------------------------|--|---|
| 44-45 | Retail trade | 920 | - | 920 | 1,231 |
| 443 | Electronics & appli. stores 4/ | 594 | - | 594 | 904 |
| 444 | Bldg. material & garden equip. & supplies dealers | 327 | - | 327 | 327 |
| 48-49 | Transportation & warehousing | 464,011 | 10,373 | 478,454 | 676,643 |
| 481 | Air transportation | 17,150 | 292 | 17,150 | 22,951 |
| 483 | Water transportation | 194,596 | - | 199,439 | 343,822 |
| 484 | Truck transportation | 5,367 | - | 5,384 | 5,384 |
| 485 | Transit & ground pass. trans. | 775 | - | 775 | 775 |
| 488 | Support activities for trans. | 60,429 | 5,340 | 69,861 | 115,865 |
| 492 | Couriers & messengers | 365 | - | 373 | 665 |
| 493 | Warehousing & storage | 185,328 | 4,741 | 185,472 | 187,181 |
| 51 | Information | 302,934 | 45,563 | 329,428 | 378,827 |
| 511 | Newspaper, periodical, book, & directory publishers | 10,881 | 136 | 10,885 | 15,285 |
| 513 | Publishing industries | 775 | - | 775 | 1,728 |
| 515 | Broadcasting (exc. internet) 4/ | 49 | 9 | 49 | 54 |
| 516 | Broadcast & content providers | 20 | - | 20 | 20 |
| 517 | Telecommunications | 270,501 | 45,386 | 296,992 | 338,689 |
| 518 | Computing infrastr. prov., data proc., web host & rel. serv. | 697 | 32 | 697 | 2,837 |
| 519 | Web search portals, libraries, archives, & other info services | 20,010 | - | 20,010 | 20,213 |
| 52 | Finance & insurance | - | - | - | - |
| 53 | Real estate & rental & leasing | 13,188 | 2,476 | 13,188 | 17,637 |
| 531 | Real estate | 1,461 | - | 1,461 | 1,468 |
| 532 | Rental & leasing services | 11,727 | 2,476 | 11,727 | 16,168 |
| 54 | Prof., scientific, & tech. services | 3,067,225 | 135,148 | 3,551,325 | 4,446,494 |
| 541 | Prof., scientific, & tech. serv. | 3,067,225 | 135,148 | 3,551,325 | 4,446,494 |
| 55 | Mgmt. of companies & enter. | - | - | - | - |
| 56 | Admin. & sup. & waste mgmt., etc. | 1,196,116 | 125,009 | 1,307,826 | 1,600,815 |
| 561 | Admin. & support services | 941,848 | 128,704 | 1,049,225 | 1,311,149 |
| 562 | Waste mgmt. & remed. serv. | 254,268 | -3,695 | 258,601 | 289,666 |
| 61 | Educational services | 31,009 | 75 | 31,009 | 65,468 |
| 611 | Educational services | 31,009 | 75 | 31,009 | 65,468 |
| 62 | Health care & social assistance | 145,139 | 6,969 | 152,726 | 272,557 |
| 621 | Ambulatory health care serv. | 57,011 | 1,265 | 58,484 | 133,603 |
| 622 | Hospitals | 86,075 | 5,705 | 92,188 | 136,693 |
| 624 | Social assistance | 2,053 | - | 2,053 | 2,261 |

Continued on next page.

**Table 10.19-- U.S. DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY NAICS CODE AND STATUS: 2023 -- Con.**

| NAICS Code | NAICS Code name | Total obligated 1/ | Total outlay 2/ | Current total value of awards | Potential total value of awards 3/ |
|------------|--|--------------------|-----------------|-------------------------------|------------------------------------|
| 71 | Arts, entertainment, & rec. | 9,643 | 44 | 9,643 | 9,870 |
| 711 | Perf. arts, spec. sports, & related | 141 | 44 | 141 | 167 |
| 712 | Museums, historical sites, etc. | 9,452 | - | 9,452 | 9,452 |
| 713 | Amuse., gambling, & rec. ind. | 50 | - | 50 | 252 |
| 72 | Accommodation & food services | 28,979 | 12,796 | 31,211 | 36,098 |
| 721 | Accommodation | 4,382 | 40 | 4,610 | 4,620 |
| 722 | Food serv. & drinking places | 24,597 | 12,756 | 26,600 | 31,478 |
| 81 | Other serv. (exc. public admin.) | 91,981 | 9,949 | 93,330 | 106,841 |
| 811 | Repair and maintenance | 85,667 | 9,759 | 86,867 | 99,499 |
| 812 | Personal and laundry services | 4,993 | 114 | 5,119 | 5,413 |
| 813 | Religious, grantmaking, civic, prof. & similar organizations | 1,321 | 76 | 1,345 | 1,929 |
| 92 | Public administration | - | - | - | - |

1/ When awarding funding, the U.S. government enters a binding agreement called an obligation to spend the money, either immediately or in the future when it places an order, signs a contract, awards a grant, purchases a service, or takes other actions that require it to make a payment.

2/ An outlay occurs when federal money is actually paid out, not just promised to be paid.

3/ This is the total amount that could be obligated on a contract. This total includes the base plus options amount, for example, if a recipient is awarded \$10 million on a base contract with 3 option years at \$1 million each, the potential award amount is \$13 million.

4/ Based on the 2017 NAICS Code.

Source: USASpending.gov, Advance Search, "FY2023, Hawaii, U.S. Department of Defense, Awarding Agency 9700" <https://files.usaspending.gov/generated_downloads/PrimeAwardSummariesAndSubawards_2024-07-12_H23M09S13438452.zip> accessed July 12, 2024.

**Table 10.20-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS
AND STATUS, BY COUNTY AND BY DEFENSE COMPONENT: 2023**

[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]

| Item | Total obligated 1/ | Total outlay 2/ | Current total value of awards | Potential total value of awards 3/ |
|------------------------------|--------------------|-----------------|-------------------------------|------------------------------------|
| State total | 11,748,778 | 485,173 | 15,645,095 | 17,488,470 |
| Army | 2,466,373 | 1,625 | 73,719 | 92,018 |
| Navy 4/ | 6,928,931 | 100,453 | 469,692 | 544,567 |
| Air Force | 863,932 | 4,003 | 139,156 | 274,092 |
| Defense Logistics Agency | 398,540 | 903 | 89,916 | 89,773 |
| USTRANSCOM | 34,247 | - | 6,174 | 6,191 |
| Defense Info. Systems Agency | 351,173 | - | 3,767 | 5,731 |
| Missile Defense Agency | 113,652 | 17,492 | 127,688 | 133,877 |
| Defense Commissary Agency | 46,264 | 7,449 | 52,957 | 78,712 |
| Defense Health Agency | 79,270 | 1,307 | 83,232 | 116,206 |
| Other defense agencies 5/ | 466,397 | 351,939 | 14,598,794 | 16,147,304 |
| Hawaii | 81,978 | 551 | 144,331 | 161,161 |
| Army | 49,902 | 37 | 50,326 | 65,316 |
| Navy 4/ | 1,092 | 141 | 1,092 | 1,092 |
| Air Force | 4 | - | 4 | 4 |
| Defense Logistics Agency | 24,273 | 373 | 86,202 | 86,202 |
| USTRANSCOM | 5,743 | - | 5,743 | 5,743 |
| Defense Info. Systems Agency | 963 | - | 963 | 2,803 |
| Honolulu | 11,089,213 | 366,062 | 14,828,830 | 16,440,168 |
| Army | 2,394,007 | 18 | 590 | 27 |
| Navy 4/ | 6,524,961 | 22 | 785 | 108 |
| Air Force | 769,850 | - | 288 | 0 |
| Defense Logistics Agency | 370,712 | - | 159 | 0 |
| USTRANSCOM | 28,075 | - | 2 | 19 |
| Defense Info. Systems Agency | 347,483 | - | 100 | 1 |
| Missile Defense Agency | 88,811 | 5,326 | 99,610 | 105,479 |
| Defense Commissary Agency | 46,264 | 7,449 | 52,957 | 78,712 |
| Defense Health Agency | 72,320 | 1,307 | 76,283 | 109,256 |
| Other defense agencies | 446,728 | 351,939 | 14,598,056 | 16,146,566 |

Continued on next page.

**Table 10.20-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS
AND STATUS, BY COUNTY AND BY DEFENSE COMPONENT: 2023 -- Con.**

| Item | Total obligated 1/ | Total outlay 2/ | Current total value of awards | Potential total value of awards 3/ |
|------------------------------|--------------------|-----------------|-------------------------------|------------------------------------|
| Kauai | 433,331 | 112,754 | 501,483 | 581,468 |
| Army | 3,665 | - | 3,665 | 7,538 |
| Navy 4/ | 402,736 | 100,183 | 467,673 | 543,226 |
| Defense Logistics Agency | 1,060 | 404 | 1,060 | 1,077 |
| USTRANSCOM | 429 | - | 429 | 429 |
| Defense Info. Systems Agency | 530 | - | 508 | 730 |
| Missile Defense Agency | 24,841 | 12,167 | 28,078 | 28,398 |
| Other defense agencies | 70 | - | 70 | 70 |
| Maui | 144,257 | 5,805 | 170,450 | 305,674 |
| Army | 18,799 | 1,570 | 19,137 | 19,137 |
| Navy 4/ | 141 | 107 | 141 | 141 |
| Air Force | 94,077 | 4,003 | 138,863 | 274,088 |
| Defense Logistics Agency | 2,494 | 126 | 2,494 | 2,494 |
| Defense Info. Systems Agency | 2,197 | - | 2,197 | 2,197 |
| Defense Health Agency | 6,950 | - | 6,950 | 6,950 |
| Other defense agencies | 19,599 | - | 668 | 668 |

1/ When awarding funding, the U.S. government enters a binding agreement called an obligation to spend the money, either immediately or in the future when it places an order, signs a contract, awards a grant, purchases a service, or takes other actions that require it to make a payment.

2/ An outlay occurs when federal money is actually paid out, not just promised to be paid.

3/ This is the total amount that could be obligated on a contract. This total includes the base plus options amount, for example, if a recipient is awarded \$10 million on a base contract with 3 option years at \$1million each, the potential award amount is \$13 million.

4/ Refers to the Department of the Navy which also includes the Marine Corps.

5/ Includes Defense Threat Reduction Agency, Defense Contract Management Agency, Defense Advanced Research Projects Agency, Department of Defense Education Activity, Washington Headquarters Services, and U.S. Special Operations Command.

Source: USASpending.gov, Advance Search, "FY2023, Hawaii, U.S. Department of Defense, Awarding Agency 9700" <https://files.usaspending.gov/generated_downloads/PrimeAwardSummariesAndSubawards_2024-07-12_H23M09S13438452.zip> accessed July 12, 2024.

**Table 10.21-- DEPARTMENT OF DEFENSE PRIME CONTRACTS AWARDED,
BY SELECTED TYPE OF BUSINESS, BY COUNTY: 2023**

[In number and thousands of dollars. Prime contracts are generally reported at the location where 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. Negative values may reflect refunds, or other contract adjustments. Fiscal year ending September 30]

| Category 1/ | State | Hawaii | Honolulu | Kauai | Maui |
|---|-----------|--------|-----------|--------|--------|
| Total contract actions (number) | 28,925 | 4,131 | 22,385 | 1,213 | 1,196 |
| Total contract actions value | 3,609,263 | 23,465 | 3,453,986 | 99,202 | 32,610 |
| Small bus. contract actions (number) | 21,974 | 2,055 | 17,649 | 1,109 | 1,161 |
| Small bus. contract actions as % of total | 76.0 | 49.7 | 78.8 | 91.4 | 97.1 |
| Small bus. contract actions value | 1,244,469 | 16,981 | 1,110,524 | 97,169 | 19,795 |
| Small bus. actions value as % of total | 34.5 | 72.4 | 32.2 | 98.0 | 60.7 |
| Small disadvantaged business | 715,008 | 1,440 | 611,445 | 85,855 | 16,268 |
| Women-owned business | 177,617 | 807 | 172,005 | 3,930 | 876 |
| HUBZone 2/ | 145,511 | 369 | 123,828 | 15,492 | 5,822 |
| Veteran-owned | 195,192 | 175 | 191,992 | 2,867 | 159 |
| Service-disabled veteran-owned | 152,548 | 9 | 149,926 | 2,547 | 67 |
| 8(a) firm | 468,362 | 686 | 376,949 | 75,094 | 15,633 |
| AbilityOne Program 3/ | 31,475 | - | 31,475 | - | - |
| HBCU 4/ | - | - | - | - | - |
| Educational institutions | 19,122 | - | 19,122 | - | - |
| Asian Pacific | 731,086 | 13,323 | 705,675 | 11,489 | 598 |
| Minority institutions | 12 | - | 12 | - | - |
| Local government | -3 | - | -3 | - | - |
| State government | 26,624 | - | 26,624 | - | - |
| U.S. Tribal government | 113 | - | 113 | - | - |
| American Indian | 34,091 | - | 33,719 | 372 | - |
| Native American | 372,704 | 1,338 | 282,597 | 77,331 | 11,438 |
| Indian tribe 5/ | -121 | - | -121 | - | - |
| Native Hawaiian Organization-owned | 224,826 | 680 | 138,371 | 72,941 | 12,835 |
| Tribally-owned | 35,521 | - | 35,059 | 462 | 0 |
| Alaskan Native-owned | 107,446 | - | 104,664 | - | 2,781 |
| Asian Indian | 79,917 | 153 | 80,675 | -927 | 17 |
| Minority-owned | 1,165,295 | 14,756 | 1,050,554 | 87,906 | 12,078 |
| Black-owned | 29,736 | 89 | 29,648 | - | - |
| Hispanic-owned | 20,747 | - | 20,747 | - | - |
| Non-profit organization | 32,547 | - | 32,486 | 61 | - |
| Emerging small business | 451 | - | 451 | - | - |
| Hospital | 87 | - | 87 | - | - |

Continued on next page.

**Table 10.21-- DEPARTMENT OF DEFENSE PRIME CONTRACTS AWARDED,
BY SELECTED TYPE OF BUSINESS, BY COUNTY: 2023 -- Con.**

1/ 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.

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: System for Award Management (SAM), Geographic Report by Place of Performance, FY 2023 accessed <<https://sam.gov/reports/awards/standard>> May 10, 2024.

Table 10.22-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007

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

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

Continued on next page.

Table 10.22-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007 -- Con.

| Procurement program | 2004 | 2005 | 2006 1/ | 2007 1/ |
|------------------------------------|-------|-------|---------|---------|
| U.S. contracts as percent of total | 100.0 | 100.0 | 100.0 | 100.0 |
| Large business | 65.5 | 63.9 | 62.8 | 64.0 |
| Small business | 34.5 | 36.1 | 37.2 | 36.0 |
| Small disadvantaged business | 4.1 | 4.4 | 4.8 | 4.3 |
| Women-owned business | 4.9 | 4.9 | 5.5 | 5.4 |
| HBCU/MI 2/ | 0.2 | 0.1 | 0.1 | (4/) |
| HUBZone 3/ | 1.1 | 1.2 | 1.7 | 1.7 |
| Veteran-owned | 2.7 | 2.9 | 3.5 | 4.0 |
| Service-disabled veteran-owned | 0.4 | 0.4 | 0.7 | 0.9 |

1/ The DOD webpage leading to the URL below notes that procurement web sites are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <<https://www.fpds.gov>> for all federal procurement data and reports. USASpending.gov at <<http://www.usaspending.gov>> also contains current DoD procurement data. FY2007 has been released but future *Data Book* updates of military subcontracting are expected to be based on the migrated data/sites.

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

3/ HUBZone Historically underutilized business zone.

4/ Less than 0.1 percent.

Source: U.S. Department of Defense, Statistical Information Analysis Division, "Companies Participating in the Department of Defense Subcontracting Program"

<http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/proccstat.html> accessed

November 8, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.23-- DEPARTMENT OF DEFENSE PRIME CONTRACTS AWARDED,
BY SELECTED TYPE OF BUSINESS: 2020 TO 2023**

[In number and thousands of dollars. Prime contracts are generally reported at the location where 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. Negative values may reflect refunds, or other contract adjustments. Fiscal years ending September 30]

| Category 1/ | 2020 | 2021 | 2022 | 2023 |
|--|--------------|--------------|--------------|-----------|
| Total contract actions (number) | 2/ 48,830 | 2/ 41,633 | 2/ 42,038 | 28,925 |
| Total contract actions value | 2/ 2,426,620 | 2/ 2,325,716 | 2/ 2,826,908 | 3,609,263 |
| Small bus. contract actions (number) | 26,554 | 25,198 | 29,138 | 21,974 |
| Small bus. contract actions as % of total | 54.4 | 60.5 | 69.3 | 76.0 |
| Small business contract actions value | 2/ 1,101,099 | 2/ 1,091,154 | 2/ 1,355,444 | 1,244,469 |
| Small business actions value as % of total | 45.4 | 46.9 | 47.9 | 34.5 |
| Small disadvantaged business | 2/ 583,611 | 2/ 649,443 | 739,555 | 715,008 |
| Women-owned business | 2/ 228,145 | 2/ 176,978 | 180,223 | 177,617 |
| HUBZone 3/ | 2/ 83,171 | 2/ 88,197 | 148,436 | 145,511 |
| Veteran-owned | 2/ 172,237 | 2/ 166,430 | 2/ 164,816 | 195,192 |
| Service-disabled veteran-owned | 2/ 94,180 | 2/ 90,688 | 115,259 | 152,548 |
| 8(a) firm | 2/ 325,535 | 413,278 | 514,390 | 468,362 |
| AbilityOne Program 4/ | 24,232 | 24,358 | 25,969 | 31,475 |
| HBCU 5/ | - | - | - | - |
| Educational institutions | 19,120 | 21,297 | 37,944 | 19,122 |
| Asian Pacific | 2/ 525,214 | 2/ 335,768 | 2/ 533,423 | 731,086 |
| Minority institutions | - | - | - | 12 |
| Local government | 2,493 | - | - | -3 |
| State government | 25,053 | 26,611 | 47,476 | 26,624 |
| U.S. Tribal government | - | - | - | 113 |
| American Indian | 2/ 32,558 | 2/ 43,365 | 43,540 | 34,091 |
| Native American | 2/ 242,124 | 358,790 | 434,571 | 372,704 |
| Indian tribe 6/ | 5,465 | 12,254 | 313 | -121 |
| Native Hawaiian Organization-owned | 2/ 209,975 | 182,035 | 228,382 | 224,826 |
| Tribally-owned | 20,110 | 38,582 | 24,480 | 35,521 |
| Alaskan Native-owned | 110,729 | 2/ 149,337 | 157,372 | 107,446 |
| Asian Indian | 2/ 30,327 | 35,962 | 87,535 | 79,917 |
| Minority-owned | 2/ 841,018 | 2/ 722,740 | 2/ 1,065,425 | 1,165,295 |
| Black-owned | 2/ 40,142 | 2/ 27,296 | 23,394 | 29,736 |
| Hispanic-owned | 58,491 | 2/ 56,602 | 50,169 | 20,747 |
| Non-profit organization | 25,730 | 26,314 | 26,808 | 32,547 |
| Emerging small business | 4,192 | 2,050 | 915 | 451 |
| Hospital | 16 | -13 | - | 87 |

Continued on next page.

**Table 10.23-- DEPARTMENT OF DEFENSE PRIME CONTRACTS AWARDED,
BY SELECTED TYPE OF BUSINESS: 2020 TO 2023 -- Con.**

1/ 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.

2/ Revised from previous *Data Book*.

3/ HUBZone Historically underutilized business zone.

4/ Formerly named Javits-Wagner-O'Day Program.

5/ HBCU Historically Black Colleges and Universities.

6/ Federally recognized.

Source: Federal Procurement Data System - Next Generation, Geographic Report by Place of Performance, FY2019 <https://www.fpbs.gov/fpdsng_cms/index.php/en/> accessed July 24, 2020; System for Award Management (SAM), Geographic Report by Place of Performance FY2020 <<https://sam.gov/reports/awards/standard>> accessed June 7, 2021; FY 2021 <<https://sam.gov/reports/awards/standard>> accessed July 11, 2022; FY 2022 <<https://sam.gov/reports/awards/standard>> accessed July 9, 2023; FY 2023 accessed <<https://sam.gov/reports/awards/standard>> May 8, 2024.

**Table 10.24-- DEPARTMENT OF DEFENSE PRIME CONTRACTS AWARDED
FOR HAWAII AND THE UNITED STATES: 1998 TO 2023**

[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 | 329,485,133 | 13,592,428 |
| 2012 | 2,551,324 | 31,776 | 2/ 319,283,604 | 2/ 12,429,254 |
| 2013 | 1,656,689 | 16,086 | 2/ 268,857,913 | 2/ 9,338,808 |
| 2014 | 2,154,024 | 17,344 | 2/ 260,733,093 | 2/ 11,514,113 |
| 2015 | 1,729,877 | 30,102 | 2/ 253,272,347 | 2/ 11,776,429 |
| 2016 | 1,862,165 | 24,404 | 2/ 278,743,364 | 2/ 12,292,869 |
| 2017 | 1,809,621 | 54,978 | 2/ 300,870,720 | 2/ 12,673,785 |
| 2018 | 2/ 2,037,506 | 2/ 55,731 | 2/ 336,786,188 | 2/ 35,060,492 |
| 2019 | 2,265,094 | 56,774 | 2/ 359,842,004 | 2/ 68,462,197 |
| 2020 | 2/ 2,426,620 | 2/ 48,830 | 2/ 400,329,082 | 2/ 47,191,456 |
| 2021 | 2/ 2,325,716 | 2/ 41,633 | 2/ 367,442,861 | 2/ 63,251,654 |
| 2022 | 2/ 2,826,908 | 2/ 42,038 | 2/ 389,941,729 | 2/ 52,523,803 |
| 2023 | 3,609,263 | 28,925 | 428,455,137 | 35,035,313 |

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 System for Award Management (SAM), Geographic Report by Place of Performance FY2011 <<https://sam.gov/reports/awards/standard>> accessed July 17, 2023; and FY2012 to FY2023 <<https://sam.gov/reports/awards/standard>> accessed June 6, 2024

Table 10.25-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: 2021 TO 2023

[As of September 30]

| Location and component | Total | Large 1/ | Medium 2/ | Small 3/ | Other 4/ |
|------------------------|-------|----------|-----------|----------|----------|
| 2021 | | | | | |
| 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 HQ Service | 75 | 1 | - | 74 | - |
| 2022 | | | | | |
| Hawaii total | 131 | 8 | 7 | 72 | 44 |
| Army | 39 | 3 | 3 | 20 | 13 |
| Navy | 69 | 4 | 4 | 33 | 28 |
| Air Force | 14 | - | - | 12 | 2 |
| Marine Corps | 9 | 1 | - | 7 | 1 |
| United States total | 6,312 | 130 | 86 | 2,996 | 3,100 |
| Army | 3,758 | 43 | 27 | 1,129 | 2,559 |
| Navy | 729 | 28 | 28 | 541 | 132 |
| Air Force | 1,524 | 48 | 27 | 1,147 | 302 |
| Marine Corps | 229 | 10 | 4 | 108 | 107 |
| Washington HQ Service | 72 | 1 | - | 71 | - |

Continued on next page.

Table 10.25-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: 2021 TO 2023 -- Con.

| Location and component | Total | 4th Quartile 5/ | 5th Quartile 6/ | 6th Quartile 7/ | 7th Quartile 8/ | Other 4/ |
|------------------------|-------|--------------------|--------------------|--------------------|--------------------|----------|
| 2023 | | | | | | |
| Hawaii total | 129 | 85 | 7 | 1 | 3 | 33 |
| Army | 40 | 31 | 5 | - | 1 | 3 |
| Navy | 68 | 37 | 2 | 1 | 1 | 27 |
| Air Force | 12 | 10 | - | - | - | 2 |
| Marine Corps | 9 | 7 | - | - | 1 | 1 |
| United States total | 6,406 | 5,230 | 122 | 64 | 18 | 972 |
| Army | 3,810 | 3,365 | 35 | 23 | 11 | 376 |
| Navy | 724 | 549 | 32 | 13 | 2 | 128 |
| Air Force | 1,560 | 1,137 | 48 | 23 | 2 | 350 |
| Marine Corps | 236 | 108 | 7 | 4 | 3 | 114 |
| Washington HQ Service | 76 | 71 | - | 1 | - | 4 |

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$2.415 billion in 2021, and \$2.833 billion in 2022.

2/ A medium installation has a total plant replacement value (PRV) less than \$2.415 billion and greater than or equal to \$1.288 billion in 2021, and less than \$2.833 billion and greater than \$1.51 billion in 2022.

3/ A small installation has a total plant replacement value (PRV) less than \$1.288 billion and greater than zero in 2021, and less than \$1.51 billion and greater than zero in 2022.

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

5/ An installation in the 4th Quartile of total PRV has a PRV equal to or less than \$2,313.2 billion and greater than \$1,734.9 billion.

6/ An installation in the 3rd Quartile of total PRV has a PRV equal to or less than \$1,734.9 billion and greater than \$1,156.6 billion.

7/ An installation in the 2nd Quartile of total PRV has a PRV equal to or less than \$1,156.6 billion and greater than \$578.3 billion.

8/ An installation in the 1st Quartile of total PRV has a PRV equal to or less than \$578.3 billion and greater than zero.

Source: U.S. Department of Defense, Office of the Assistant Secretary of Defense for Energy, Installations, and Environment, "Base Structure Report - FY22 Baseline" <<https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY22.xlsx>> accessed July 7, 2023; "Base Structure Report- FY23 Baseline" <https://www.acq.osd.mil/eie/BSI/BEI_Library.html> accessed March 21, 2024; "Base Structure Report - FY24 Baseline" <https://www.acq.osd.mil/eie/BSI/BEI_Library.html> accessed June 18, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.26-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2022

| 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/ | | 4,539 | 42,510,913 | 9,221 | 36,570,501 | 155,962 | 198,970 | 103,745 |
| Air Force total | | 112 | 236,825 | - | - | 409 | 639 | 414 |
| Air Force Active | | 112 | 236,825 | - | - | 409 | 639 | 414 |
| Bellows AFS | Honolulu | 86 | 161,702 | - | - | 409 | 486 | 313 |
| Kaena Point Satellite Tracking St. | Waianae | 26 | 75,123 | - | - | - | 153 | 101 |
| Army total | | 1,353 | 14,182,500 | 3,246 | 12,637,437 | 126,988 | 152,315 | 31,502 |
| Army Active | | 1,325 | 13,362,741 | 3,246 | 12,637,437 | 126,984 | 152,294 | 30,461 |
| Aliamanu Military Reservation | Honolulu | 60 | 236,918 | 885 | 2,711,919 | 520 | 531 | 2,806 |
| Dillingham Military Reservation | Waialua | 4 | 3,696 | - | - | 628 | 664 | 71 |
| Fort De Russy | Honolulu | 24 | 834,482 | 1 | 1,156 | 70 | 72 | 531 |
| Fort Shafter | Honolulu | 136 | 1,710,301 | 261 | 812,550 | 585 | 602 | 2,866 |
| Helemano Military Reservation | Wahiawa | 20 | 268,183 | 232 | 1,638,560 | 284 | 294 | 2,035 |
| Kahuku Training Area | Kahuku | 18 | 30,648 | - | - | - | 782 | 81 |
| Kawaihae Military Reserve | Kawaihae Hawaiian Home Land | 1 | 938 | - | - | 3 | 18 | 24 |
| Kilauea Military Reserve | Hawaii Natl Park | 94 | 170,871 | - | - | 1 | 67 | 124 |
| Kipapa Ammo Storage Site | Waipahu | 70 | 179,462 | - | - | 370 | 402 | 204 |
| Makua Military Reserve | Wai'anae | 4 | 4,773 | - | - | - | 1,150 | 42 |
| Pohakuloa Training Area | Hilo | 178 | 309,767 | 4 | 362 | 108,829 | 131,823 | 829 |
| Schofield Bks Military Reservation | Wahiawa | 571 | 7,533,364 | 1,852 | 7,434,196 | 15,010 | 15,061 | 17,239 |
| Signal Cable Trunking System | Wahiawa | 10 | 1,952 | - | - | 0 | 135 | 157 |
| Tripler Army Medical Center | Honolulu | 38 | 1,925,407 | 11 | 38,694 | 358 | 367 | 3,305 |
| Waianae-Kai Military Reservation | Wai'anae | 48 | 47,743 | - | - | 12 | 14 | 32 |
| Waikalkalaua Ammo Stor. Tnls. | Mililani Town | 49 | 104,236 | - | - | 312 | 312 | 114 |
| Army Guard | | 28 | 819,759 | - | - | 4 | 21 | 1,041 |
| NG Kalaeloa | Kapolei | 28 | 819,759 | - | - | 4 | 21 | 1,041 |

Continued on next page.

Table 10.26-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2022 -- 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 | | 640 | 6,662,605 | 1,439 | 6,141,652 | 3,218 | 4,485 | 16,587 |
| Marine Corps Active | | 640 | 6,662,605 | 1,439 | 6,141,652 | 3,218 | 4,485 | 16,587 |
| MC Training Area Bellows | Waimanalo | 15 | 117,320 | - | - | 32 | 1,029 | 185 |
| MCB Camp Smith | Aiea | 50 | 923,613 | 10 | 28,959 | 221 | 222 | 1,366 |
| MCB Hawaii Kaneohe | Kaneohe | 541 | 5,327,983 | 1,276 | 5,683,179 | 2,730 | 2,998 | 14,283 |
| MCB Hawaii Manana Capehart | Pearl City | 5 | 8,786 | 153 | 429,514 | 52 | 52 | 421 |
| MCB Hawaii Pearl City Annex | Pearl City | 5 | 235,744 | - | - | 26 | 26 | 216 |
| MCB Hawaii Puuloa-Oahu | Ewa Beach | 24 | 49,159 | - | - | 158 | 158 | 116 |
| Navy total | | 2,434 | 21,428,984 | 4,536 | 17,791,412 | 25,347 | 41,531 | 55,242 |
| Navy Active | | 2,434 | 21,428,984 | 4,536 | 17,791,412 | 25,347 | 41,531 | 55,242 |
| Aiea | Aiea | 23 | 45,590 | 136 | 559,285 | 229 | 230 | 535 |
| Camp Stover | Wheeler A.F. Base | 3 | 700 | 61 | 295,432 | 35 | 35 | 273 |
| Ewa | Ewa Beach | 221 | 905,578 | 881 | 2,229,257 | 3,103 | 3,127 | 4,222 |
| Ford Island | Ford Island Naval Reservation | 107 | 1,409,146 | 339 | 1,250,669 | 445 | 445 | 3,746 |
| Halawa Housing | Aiea | 5 | 1,603 | 22 | 117,192 | 21 | 24 | 122 |
| Halawa Water Storage Tanks | Pearl Harbor | - | - | - | - | 12 | 13 | 56 |
| Hale Keiki | Pearl Harbor | 7 | 26,239 | - | - | 11 | 13 | 40 |
| Hickam Air Force Base | Hickam Air Force Base | 28 | 123,092 | - | - | 399 | 411 | 266 |
| Hickam Petrol Storage Annex | Hickam Air Force Base | 1 | 5,026 | - | - | 35 | 96 | 117 |
| Honolulu | Pearl Harbor | 171 | 1,712,428 | 1,450 | 6,109,166 | 980 | 982 | 7,430 |
| Kalaeloa | Barbers Point Naval A.S. | 98 | 534,268 | - | - | 79 | 90 | 705 |
| Kamokala Ridge | Kekaha Hawaiian Home Land | 12 | 27,218 | - | - | - | 267 | 45 |
| Makaha Ridge | Kokee Air Force Station | 17 | 30,129 | - | - | - | 202 | 60 |
| NS Pearl Harbor | Pearl Harbor | 902 | 13,683,686 | 1,242 | 5,417,059 | 5,697 | 5,736 | 28,483 |
| PACMISRANFAC Hawaiian Area | Kekaha Hawaiian Home Land | 232 | 611,093 | 77 | 130,245 | 1,929 | 17,451 | 1,663 |
| Pearl City | Pearl City | 41 | 338,111 | 252 | 1,325,909 | 624 | 627 | 1,851 |
| Red Hill Tank Site | Honolulu | 16 | 20,940 | - | - | 249 | 256 | 1,636 |

Continued on next page.

Table 10.26-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2022 -- 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 | 824,391 | 74 | 354,798 | 716 | 736 | 1,634 |
| Waianae | Lualualei Hawaiian Home Land | 388 | 1,056,539 | - | - | 9,239 | 9,239 | 1,449 |
| Waiawa Well Site | Pearl City | 4 | 8,656 | - | - | 75 | 80 | 21 |
| Waipahu | Waipahu | 22 | 42,754 | 2 | 2,400 | 1,453 | 1,455 | 875 |
| 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 2023 (Base Structure Report - as of 30 Sep 2022) <https://www.acq.osd.mil/eie/BSI/BEI_Library.html> accessed March 21, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2023

| 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/ | | 4,586 | 42,488,479 | 9,510 | 37,445,107 | 155,964 | 198,972 | 114,621 |
| Air Force total | | 111 | 235,825 | - | - | 412 | 642 | 595 |
| Air Force Active | | 111 | 235,825 | - | - | 412 | 642 | 595 |
| Bellows AFS | Honolulu | 86 | 161,702 | - | - | 412 | 489 | 465 |
| Kaena Point Satellite Tracking Stat | Waianae | 25 | 74,123 | - | - | - | 153 | 131 |
| Army total | | 1,424 | 14,221,561 | 3,532 | 13,534,429 | 127,028 | 152,355 | 35,973 |
| Army Active | | 1,399 | 13,405,204 | 3,532 | 13,534,429 | 127,024 | 152,334 | 34,740 |
| Aliamanu Military Reservation | Honolulu | 168 | 372,318 | 1,027 | 3,139,732 | 520 | 531 | 2,911 |
| Dillingham Military Reservation | Waialua | 1 | 94 | 3 | 3,602 | 628 | 664 | 114 |
| Fort De Russey | Honolulu | 24 | 834,482 | 1 | 1,156 | 70 | 72 | 815 |
| Fort Shafter | Honolulu | 147 | 1,819,398 | 261 | 812,550 | 585 | 602 | 3,328 |
| Helemano Military Reservation | Wahiawa | 20 | 268,183 | 288 | 1,873,803 | 284 | 294 | 2,314 |
| Kahuku Training Area | Kahuku | 22 | 33,494 | - | - | - | 782 | 154 |
| Kawaihae Military Reserve | Kawaihae Hawaiian Home Land | 1 | 938 | - | - | 3 | 18 | 25 |
| Kilauea Military Reserve | Hawaii Nat'l Park | 93 | 170,801 | - | - | 41 | 107 | 168 |
| Kipapa Ammo Storage Site | Waipahu | 70 | 179,462 | - | - | 370 | 402 | 240 |
| Makua Military Reserve | Waianae | 4 | 4,773 | - | - | - | 1,150 | 120 |
| Pohakuloa Training Area | Hilo | 178 | 309,767 | 4 | 362 | 108,829 | 131,823 | 1,354 |
| Schofield Bks Military Reservation | Wahiawa | 527 | 7,364,680 | 1,869 | 7,498,232 | 15,010 | 15,061 | 18,943 |
| Signal Cable Trunking System | Wahiawa | 9 | 992 | - | - | - | 135 | 422 |
| Tripler Army Medical Center | Honolulu | 38 | 1,893,843 | 79 | 204,992 | 358 | 367 | 3,634 |
| Waianae-Kai Military Reservation | Waianae | 48 | 47,743 | - | - | 12 | 14 | 56 |
| Waikalkalaua Ammo Stor. Tnls. | Mililani Town | 49 | 104,236 | - | - | 312 | 312 | 141 |
| Army Guard | | 25 | 816,357 | - | - | 4 | 21 | 1,233 |
| NG Kalaeloa | Kapolei | 25 | 816,357 | - | - | 4 | 21 | 1,233 |

Continued on next page.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2023 -- 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 | | 634 | 6,637,817 | 1,439 | 6,141,652 | 3,218 | 4,485 | 16,952 |
| Marine Corps Active | | 634 | 6,637,817 | 1,439 | 6,141,652 | 3,218 | 4,485 | 16,952 |
| MC Training Area Bellows | Waimanalo | 15 | 116,998 | - | - | 32 | 1,029 | 246 |
| MCB Camp Smith | Aiea | 49 | 922,479 | 10 | 28,959 | 221 | 222 | 1,392 |
| MCB Hawaii Kaneohe | Kaneohe | 536 | 5,304,819 | 1,276 | 5,683,179 | 2,730 | 2,998 | 14,602 |
| MCB Hawaii Manana Capehart | Pearl City | 5 | 8,604 | 153 | 429,514 | 52 | 52 | 348 |
| MCB Hawaii Pearl City Annex | Pearl City | 5 | 235,744 | - | - | 26 | 26 | 221 |
| MCB Hawaii Puuloa-Oahu | Ewa Beach | 24 | 49,174 | - | - | 158 | 158 | 143 |
| Navy total | | 2,417 | 21,393,276 | 4,539 | 17,769,026 | 25,306 | 41,490 | 61,101 |
| Navy Active | | 2,417 | 21,393,276 | 4,539 | 17,769,026 | 25,306 | 41,490 | 61,101 |
| Aiea | Aiea | 22 | 42,085 | 136 | 559,285 | 229 | 230 | 519 |
| Camp Stover | Wheeler A.F. Base | 3 | 700 | 61 | 295,432 | 35 | 35 | 221 |
| Ewa | Ewa Beach | 221 | 905,578 | 881 | 2,229,257 | 3,103 | 3,127 | 4,338 |
| Ford Island | Ford Island Naval Reservation | 107 | 1,409,146 | 340 | 1,250,957 | 445 | 445 | 4,105 |
| Halawa Housing | Aiea | 5 | 1,603 | 22 | 117,192 | 21 | 24 | 112 |
| Halawa Water Storage Tanks | Pearl Harbor | 0 | - | - | - | 12 | 13 | 52 |
| Hale Keiki | Pearl Harbor | 7 | 26,239 | - | - | 11 | 13 | 40 |
| Hickam Air Force Base | Hickam Air Force Base | 28 | 123,092 | 5 | 95,452 | 399 | 411 | 316 |
| Hickam Petrol Storage Annex | Hickam Air Force Base | 1 | 5,026 | - | - | 35 | 96 | 119 |
| Honolulu | Pearl Harbor | 173 | 1,713,558 | 1,456 | 6,174,546 | 980 | 982 | 6,853 |
| Kalaeloa | Barbers Point Naval A.S. | 98 | 534,268 | - | - | 69 | 80 | 934 |
| Kamokala Ridge | Kekaha Hawaiian Home Land | 12 | 27,218 | - | - | - | 267 | 58 |
| Makaha Ridge | Kokee Air Force Station | 17 | 30,129 | - | - | - | 202 | 88 |
| Makaha Ridge | Kokee Air Force Station | 1 | 775 | 2 | 2,514 | 23 | 23 | 18 |
| NS Pearl Harbor | Pearl Harbor | 879 | 13,592,833 | 1,230 | 5,230,847 | 5,562 | 5,601 | 33,040 |

Continued on next page.

Table 10.27-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2023 -- 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.) | | | | | | | | |
| PACMISRANFAC Hawaiian Area | Kekaha Hawaiian Home Land | 233 | 614,397 | 78 | 130,437 | 1,929 | 17,451 | 2,310 |
| Pearl City | Pearl City | 43 | 386,146 | 252 | 1,325,909 | 639 | 642 | 1,853 |
| Red Hill Tank Site | Honolulu | 16 | 20,940 | - | - | 249 | 256 | 1,683 |
| Wahiawa | Wahiawa | 124 | 829,797 | 74 | 354,798 | 716 | 736 | 1,790 |
| Waianae | Lualualei Hawaiian Home Land | 388 | 1,056,539 | - | - | 9,239 | 9,239 | 1,819 |
| Waiawa Well Site | Pearl City | 4 | 8,656 | - | - | 75 | 80 | 32 |
| Waipahu | Waipahu | 22 | 42,754 | 2 | 2,400 | 1,520 | 1,522 | 789 |
| White Plains Beach | Barbers Point Naval A.S. | 13 | 21,797 | - | - | 15 | 15 | 14 |

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 2024" (Base Structure Report - as of 30 Sep 2023) <https://www.acq.osd.mil/cie/BSI/BEI_Library.html> accessed June 18, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.28-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS DESIGNATED PLACES (CDP): 2018-2022**

[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 | 560,873 | 483,906 | 298,816 | 185,090 |
| Ahuimanu CDP | 3,068 | 2,966 | 2,427 | 539 |
| Hickam Housing CDP | 3,056 | 2,839 | 8 | 2,831 |
| Iroquois Point CDP | 1,601 | 1,511 | - | 1,511 |
| Kalaeloa CDP | 899 | 806 | - | 806 |
| Kaneohe CDP | 11,707 | 11,285 | 8,461 | 2,824 |
| Kaneohe Base CDP | 3,025 | 2,775 | 30 | 2,745 |
| Schofield Barracks CDP | 4,506 | 4,213 | 10 | 4,203 |
| Wheeler AFB CDP | 927 | 808 | 4 | 804 |

Source: U.S. Census Bureau, 2018-2022 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 December 7, 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: 2024

[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 | 3,357 | 3,009 | 2,727 | 2,991 | 2,517 | 2,256 | 2,046 | 2,352 |
| E02 | 3,357 | 3,009 | 2,727 | 2,991 | 2,517 | 2,256 | 2,046 | 2,352 |
| E03 | 3,357 | 3,009 | 2,727 | 2,991 | 2,517 | 2,256 | 2,046 | 2,352 |
| E04 | 3,357 | 3,009 | 2,727 | 2,991 | 2,517 | 2,256 | 2,046 | 2,352 |
| E05 | 3,714 | 3,321 | 2,868 | 3,204 | 2,826 | 2,508 | 2,391 | 2,628 |
| E06 | 4,725 | 3,669 | 2,904 | 3,774 | 3,543 | 2,751 | 2,592 | 2,832 |
| E07 | 4,824 | 3,831 | 2,964 | 3,798 | 3,618 | 3,024 | 2,730 | 3,000 |
| E08 | 4,929 | 4,008 | 3,033 | 3,807 | 3,915 | 3,396 | 2,883 | 3,321 |
| E09 | 5,169 | 4,194 | 3,150 | 3,912 | 4,224 | 3,492 | 2,889 | 3,489 |
| W01 | 4,746 | 3,690 | 2,919 | 3,795 | 3,561 | 2,907 | 2,688 | 2,928 |
| W02 | 4,869 | 3,906 | 2,994 | 3,804 | 3,912 | 3,393 | 2,880 | 3,318 |
| W03 | 4,998 | 4,122 | 3,081 | 3,816 | 4,260 | 3,507 | 2,892 | 3,510 |
| W04 | 5,238 | 4,221 | 3,177 | 3,963 | 4,746 | 3,705 | 2,910 | 3,774 |
| W05 | 5,520 | 4,341 | 3,297 | 4,176 | 4,848 | 3,870 | 2,979 | 3,780 |
| O01E | 4,842 | 3,864 | 2,973 | 3,801 | 3,711 | 3,318 | 2,865 | 3,201 |
| O02E | 4,980 | 4,089 | 3,066 | 3,810 | 4,158 | 3,471 | 2,886 | 3,453 |
| O03E | 5,277 | 4,236 | 3,195 | 3,993 | 4,719 | 3,660 | 2,898 | 3,768 |
| O01 | 3,837 | 3,369 | 2,883 | 3,276 | 2,994 | 2,694 | 2,580 | 2,778 |
| O02 | 4,710 | 3,666 | 2,901 | 3,768 | 3,621 | 3,219 | 2,823 | 3,135 |
| O03 | 4,995 | 4,116 | 3,078 | 3,813 | 4,359 | 3,540 | 2,895 | 3,567 |
| O04 | 5,622 | 4,380 | 3,336 | 4,248 | 4,824 | 3,840 | 2,958 | 3,777 |
| O05 | 6,072 | 4,563 | 3,522 | 4,584 | 4,884 | 3,939 | 2,997 | 3,783 |
| O06 | 6,126 | 4,599 | 3,549 | 4,623 | 4,977 | 4,101 | 3,057 | 3,786 |
| O07 | 6,180 | 4,638 | 3,576 | 4,659 | 5,070 | 4,176 | 3,111 | 3,831 |

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.travel.dod.mil/Allowances/Basic-Allowance-for-Housing/>> accessed December 14, 2023.

**Table 10.31-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:
2020 TO 2023**

[As of July 1 for civilian population and September 30 for veteran population. Veteran population 2020 to 2023 are based on VetPop2020. Calculations are on unrounded data. Veteran and nonveteran population are then rounded to the nearest 1,000]

| Veteran status | 2020 | 2021 | 2022 | 2023 |
|-----------------------|--------------|--------------|--------------|-------------|
| Civilian population | 1/ 1,118,535 | 1/ 1,118,596 | 1/ 1,116,732 | 1,116,912 |
| Male | 1/ 546,726 | 1/ 545,526 | 1/ 543,986 | 543,780 |
| Female | 1/ 571,809 | 1/ 573,070 | 1/ 572,746 | 573,132 |
| Veterans | 113,000 | 110,000 | 107,000 | 105,000 |
| Male | 99,000 | 96,000 | 94,000 | 92,000 |
| Female | 13,000 | 13,000 | 13,000 | 13,000 |
| War veterans 2/ | 1/ 90,000 | 88,000 | 86,000 | 85,000 |
| Gulf War era 3/ | 1/ 53,000 | 54,000 | 54,000 | 55,000 |
| Vietnam era | 1/ 33,000 | 32,000 | 30,000 | 29,000 |
| Korean conflict | 1/ 7,000 | 6,000 | 5,000 | 4,000 |
| World War II | 1/ 1,000 | 1,000 | 1,000 | 1,000 |
| Peacetime only | 1/ 23,000 | 22,000 | 21,000 | 20,000 |
| Nonveterans | 1/ 1,006,000 | 1/ 1,009,000 | 1/ 1,010,000 | 1,012,000 |
| Male | 1/ 447,000 | 1/ 449,000 | 1/ 450,000 | 452,000 |
| Female | 1/ 558,000 | 1/ 560,000 | 1/ 560,000 | 560,000 |

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, 2023" (June 2024) <<https://www2.census.gov/programs-surveys/popest/datasets/2020-2023/state/asrh/sc-est2023-agesex-civ.csv>> accessed June 23, 2024; U.S. Department of Veterans Affairs, "Veteran Population Projection Model 2020 (VetPop2020),"Table 7L: VETPOP2020 Living Veterans by State, Period of Service, 'Gender, 2020-2050" Model/7L_VetPop2020_POS_State.xlsx> <https://www.va.gov/vetdata/docs/Demographics/New_Vetpop> accessed July 5, 2024; 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: 2022**

[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]

| Characteristic | Hawaii | United States | Hawaii as percent of U.S. |
|--------------------|-----------|---------------|---------------------------|
| Total | 1,440,196 | 333,287,562 | 0.4 |
| 18 years and over | 1,143,330 | 260,961,960 | 0.4 |
| In Armed Forces 1/ | 46,258 | 1,346,244 | 3.4 |
| Civilian | 1,097,072 | 259,615,716 | 0.4 |
| Veteran | 89,952 | 16,200,322 | 0.6 |
| Nonveteran | 1,007,120 | 243,415,394 | 0.4 |
| 18 to 64 years | 848,676 | 203,139,645 | 0.4 |
| In Armed Forces 1/ | 46,258 | 1,346,244 | 3.4 |
| Civilian | 802,418 | 201,793,401 | 0.4 |
| Veteran | 46,295 | 8,217,339 | 0.6 |
| Nonveteran | 756,123 | 193,576,062 | 0.4 |
| 65 years and over | 294,654 | 57,822,315 | 0.5 |
| In Armed Forces 1/ | - | - | (X) |
| Civilian | 294,654 | 57,822,315 | 0.5 |
| Veteran | 43,657 | 7,982,983 | 0.5 |
| Nonveteran | 250,997 | 49,839,332 | 0.5 |
| Male | 725,309 | 165,228,214 | 0.4 |
| 18 years and over | 572,111 | 128,174,537 | 0.4 |
| In Armed Forces 1/ | 40,438 | 1,115,655 | 3.6 |
| Civilian | 531,673 | 127,058,882 | 0.4 |
| Veteran | 80,561 | 14,529,085 | 0.6 |
| Nonveteran | 451,112 | 112,529,797 | 0.4 |
| 18 to 64 years | 437,916 | 102,249,893 | 0.4 |
| In Armed Forces 1/ | 40,438 | 1,115,655 | 3.6 |
| Civilian | 397,478 | 101,134,238 | 0.4 |
| Veteran | 39,305 | 6,945,208 | 0.6 |
| Nonveteran | 358,173 | 94,189,030 | 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: 2022 -- Con.**

| Characteristic | Hawaii | United States | Hawaii as percent of U.S. |
|--------------------|---------|---------------|------------------------------|
| Male (con.) | | | |
| 65 years and over | 134,195 | 25,924,644 | 0.5 |
| In Armed Forces 1/ | - | - | (X) |
| Civilian | 134,195 | 25,924,644 | 0.5 |
| Veteran | 41,256 | 7,583,877 | 0.5 |
| Nonveteran | 92,939 | 18,340,767 | 0.5 |
| Female | 714,887 | 168,059,348 | 0.4 |
| 18 years and over | 571,219 | 132,787,423 | 0.4 |
| In Armed Forces 1/ | 5,820 | 230,589 | 2.5 |
| Civilian | 565,399 | 132,556,834 | 0.4 |
| Veteran | 9,391 | 1,671,237 | 0.6 |
| Nonveteran | 556,008 | 130,885,597 | 0.4 |
| 18 to 64 years | 410,760 | 100,889,752 | 0.4 |
| In Armed Forces 1/ | 5,820 | 230,589 | 2.5 |
| Civilian | 404,940 | 100,659,163 | 0.4 |
| Veteran | 6,990 | 1,272,131 | 0.5 |
| Nonveteran | 397,950 | 99,387,032 | 0.4 |
| 65 years and over | 160,459 | 31,897,671 | 0.5 |
| In Armed Forces 1/ | - | - | (X) |
| Civilian | 160,459 | 31,897,671 | 0.5 |
| Veteran | 2,401 | 399,106 | 0.6 |
| Nonveteran | 158,058 | 31,498,565 | 0.5 |

X Not applicable.

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

Source: U.S. Census Bureau, 2022 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 9, 2024; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.33-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION
AND EXPENDITURES, BY COUNTY: 2022 AND 2023**

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

| Subject | State | Hawaii | Honolulu | Kalawao | Kauai | Maui |
|-------------------------------|-----------|---------|-----------|---------|--------|--------|
| 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 | - | - | - |
| 2023 | | | | | | |
| Veteran population 1/ | 104,765 | 12,963 | 79,391 | 17 | 4,565 | 7,829 |
| Unique patients 2/ | 31,207 | 4,848 | 22,292 | (3/) | (3/) | 2,444 |
| Total expenditure | 1,511,542 | 199,009 | 1,156,967 | 17 | 55,582 | 99,967 |
| Compensation & pension 4/ | 811,545 | 109,678 | 622,708 | (3/) | 25,016 | 54,144 |
| Educ. & vocational rehab/emp. | 141,958 | 5,749 | 132,053 | - | 1,435 | 2,721 |
| Medical care 5/ | 527,830 | 82,847 | 373,543 | 17 | 28,786 | 42,638 |
| Insurance & indemnities | 6,457 | 735 | 4,911 | - | 346 | 465 |
| Construction | 453 | - | 453 | - | - | - |
| General operating expenses | 23,298 | - | 23,298 | - | - | - |

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. Also may apply if value less than 1 but is included in total.

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 2, 2024.

Table 10.34-- MILITARY RETIREMENT SYSTEM: 2023

[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 | 18,192 | 16,986 | 53,007 | 3,121 |
| By branch of service | | | | |
| Army | 7,371 | 6,580 | 19,989 | 3,038 |
| Navy | 4,785 | 4,623 | 15,283 | 3,306 |
| Marine Corps | 4,925 | 4,776 | 13,916 | 2,914 |
| Air Force | 1,111 | 1,007 | 3,819 | 3,793 |
| By rank | | | | |
| Officers | 6,133 | 6,073 | 28,348 | 4,668 |
| Nondisability and reserve | 5,822 | 5,822 | 27,537 | 4,730 |
| Disability | 311 | 251 | 811 | 3,232 |
| Enlisted | 12,059 | 10,913 | 24,659 | 2,260 |
| Nondisability and reserve | 10,241 | 10,227 | 23,684 | 2,316 |
| Disability | 1,818 | 686 | 975 | 1,422 |
| Department of Defense, concurrent receipt | 7,871 | (X) | 17,951 | 2,281 |
| Concurrent Retirement & Disability Pay (CRDP) | 7,281 | (X) | 17,165 | 2,358 |
| Nondisability | 6,300 | (X) | 15,204 | 2,413 |
| Disability | 317 | (X) | 871 | 2,748 |
| Reserve | 664 | (X) | 1,091 | 1,643 |
| Combat Related Special Compensation (CRSC) | 590 | (X) | 785 | 1,331 |
| Nondisability | 221 | (X) | 444 | 2,008 |
| Disability | 308 | (X) | 276 | 895 |
| Reserve | 61 | (X) | 66 | 1,081 |
| Military survivors, by branch of servicemember | | | | |
| Receiving pay | (X) | 2,435 | 3,526 | 1,448 |
| Army | (X) | 1,201 | 1,621 | 1,350 |
| Navy | (X) | 444 | 726 | 1,634 |
| Marine Corps | (X) | 116 | 218 | 1,876 |
| Air Force | (X) | 674 | 962 | 1,427 |

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 2023 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.