

**Table 2. U.S. Dept. of Defense Personnel & Family Members: 1989 to 2007**

[As of Sept. 30. Active duty military excludes personnel afloat]

Year	Total	Active duty military	Family members	Direct-hire civilian
1989	120,905	45,935	54,724	20,246
1990	113,471	41,887	51,727	19,857
1991	113,076	44,092	50,006	18,978
1992	110,428	44,864	47,671	17,893
1993	105,911	42,958	45,612	17,341
1994	99,188	42,161	39,989	17,038
1995	114,139	38,172	58,788	17,179
1996	111,002	36,392	57,786	16,824
1997	109,762	34,826	57,720	17,216
1998	104,018	34,643	52,643	16,732
1999	100,084	32,708	51,063	16,313
2000	100,826	33,930	50,804	16,092
2001	98,895	34,322	48,617	15,956
2002	98,118	34,608	47,002	16,508
2003	96,925	34,203	46,120	16,602
2004	98,835	35,061	47,198	16,576
2005	102,200	32,629	53,264	16,307
2006	(NA)	34,935	(NA)	17,079
2007	(NA)	34,838	(NA)	16,403

**Table 3. Characteristics of Hawaii Military Installations, by Site: Sept 30, 2007**

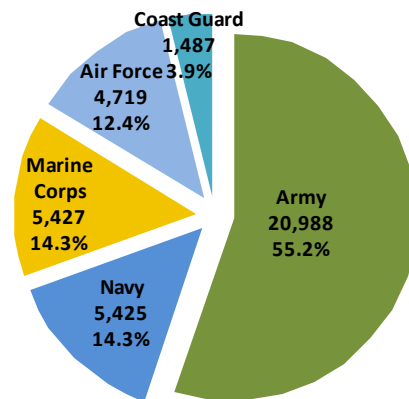
Item	Hawaii total	Army	Marine Corps	Navy	Air Force
Blds Owned	7,751	1,521	1,920	3,807	503
Blds Owned Sq.ft.	46,273,379	14,554,800	8,805,849	17,457,780	5,454,950
Acreage	234,044	193,011	4,670	32,391	3,972
Acreage owned	177,026	141,243	4,661	28,102	3,020
PRV (\$mil.)	29,944	9,851.2	3,677.6	12,483.9	3,931.1
Personnel	74,238	36,272	7,226	22,789	7,951
Military	51,140	23,565	6,540	14,442	6,593
Civilian	14,799	4,458	668	8,344	1,329
Other defense	8,299	8,249	18	3	29

**Table 4. Estimated Armed Forces Personnel in Hawaii: 2002 to 2007**

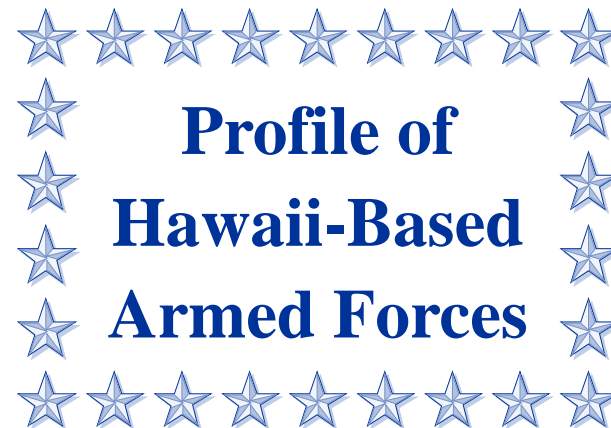
[As of Sept. 30, except Coast Guard as of July 1]

Component	2002	2003	2004	2005	2006	2007
Total Armed Forces	54,205	53,789	56,827	55,374	58,194	58,756
Coast Guard	1,106	1,188	1,431	1,473	1,491	1,465
National Guard & Reserve	11,491	11,398	11,335	11,648	11,337	11,337
Total incl. afloat	41,608	41,203	44,061	42,253	45,366	45,954
Afloat estim.	7,000	7,000	9,000	9,624	10,431	11,116
Total excluding afloat	34,608	34,203	35,061	32,629	34,935	34,838
Army	15,985	15,985	17,068	15,458	18,687	19,867
Marine Corps	5,680	5,161	5,541	5,796	5,050	4,483
Navy	8,654	8,381	7,694	6,524	6,080	5,595
Air Force	4,289	4,676	4,758	4,851	5,118	4,893

**Fig. 3. Armed Forces in Hawaii, Active Duty Personnel: June 30, 2008 = 38,046**



Source unless otherwise indicated: Hawaii DBEDT; Senator Daniel K. Inouye news releases; U.S. Bureau of the Census; U.S. Coast Guard; U.S. Dept. of Defense <<http://siadapp.dmdc.osd.mil/index.html>>.


  
**Profile of  
Hawaii-Based  
Armed Forces**



PowerBuoy® launched at the Marine Corps Base Hawaii in November 2008 by Ocean Power Technologies in the ongoing program with the U.S. Navy. This demonstration is also intended to generate electricity for the Oahu power grid.



**December 2008**



Hawaii State Dept. of Business,  
Economic Development & Tourism  
<http://hawaii.gov/dbedt/info/economic/>

# Economic Impact of the Armed Forces in Hawaii

## Expenditures & Appropriations

### Fiscal Year 2006

➤ Total defense expenditures in Hawaii were \$5.4 billion, an increase of 7.3% over FY 2005.

❖ Defense procurement contracts in Hawaii totaled \$1.9 billion, a decrease of 6.3% over FY 2005.

### Fiscal Years 2007

➤ Total defense expenditures in Hawaii were \$5.5 billion, an increase of 1.6% over FY 2006.

❖ Defense procurement contracts in Hawaii totaled \$2.1 billion, an increase of 12.5% over FY 2006.

### Fiscal Year 2008

❖ Total military construction appropriations are \$533.6 million.

### Fiscal Year 2009

❖ Total military construction appropriations are \$565.7 million.

**Table 1. Projections of U.S. Dept. of Defense Direct Expenditures for the U.S. & Hawaii: 2008 to 2013**  
[Millions of 2009 dollars]

State	2008	2009	2010	2011	2012	2013
U.S. Total	569,022	553,950	523,785	517,929	511,877	508,437
% change		-2.6	-5.4	-1.1	-1.2	-0.7
Hawaii	9,340	9,011	8,460	8,359	8,246	8,192
% change		-3.5	-6.1	-1.2	-1.4	-0.7
Hawaii as % U.S.	1.64	1.63	1.62	1.61	1.61	1.61

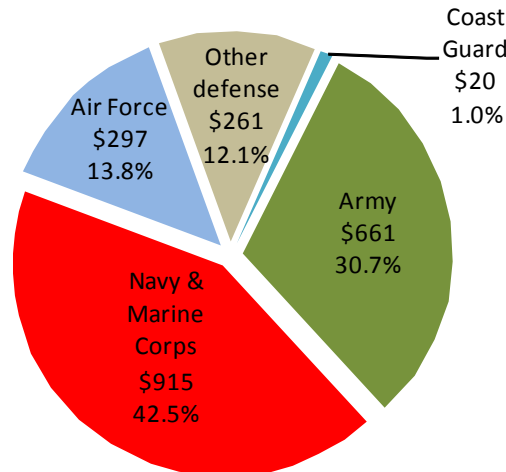
Source: U.S. Dept. of Defense, Defense Employment & Purchase Project System <<http://www.ra.pae.osd.mil/ra/DEPPS2008.pdf>>, DBEDT calculations.

**For a \$1 Billion Federal Military Expenditure in Hawaii, there are direct and indirect impacts on the following industries:**

Output \$1,487 million		Employment 13,492 jobs		Earnings \$938 million	
Federal military & civilian	778	Federal military & civilian	7,815	Federal military & civilian	713
Real estate & rentals	149	Health services	921	Health services	44
Health services	90	Retail trade	754	Professional services	26
Retail trade	58	Other services	542	Retail trade	22
Mining & construction	55	Business services	516	Mining & construction	20
Professional services	51	Professional services	459	Business services	19
Finance & insurance	46	Eating & drinking	389	Finance & insurance	14
Other manufacturing	39	Real estate & rentals	364	Other services	13
Business services	33	Mining & construction	337	Real estate & rentals	9
Other services	32	Finance & insurance	258	Wholesale trade	9
Transportation	25	Educational services	189	Eating & drinking	8
Eating & drinking	25	Wholesale trade	171	Information	7
Wholesale trade	24	Transportation	137	Other manufacturing	7
Information	23	Arts & entertainment	134	Transportation	7
Utilities	21	Information	119	Educational services	6
All other industries	40	All other industries	389	All other industries	15

Source: DBEDT, *The 2005 Input-Output Study for Hawaii* (August 2008) <[http://hawaii.gov/dbedt/info/economic/data\\_reports/2005\\_state\\_io/](http://hawaii.gov/dbedt/info/economic/data_reports/2005_state_io/)>

**Fig. 1. Armed Forces Procurement Contracts in Hawaii: FY 2007 = \$2,155 million**



**Fig. 2. U.S. Dept. of Defense Procurement Contracts in Hawaii: 1998–2007 [\$ million]**

