



American War and Military Operations Casualties: Lists and Statistics

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Summary

This report is written in response to numerous requests for war casualty statistics and lists of war dead. It provides tables, compiled by sources at the Department of Defense (DOD), indicating the number of casualties among American military personnel serving in principal wars and combat actions.

Wars covered include the Revolutionary War, the War of 1812, the Mexican War, the Civil War, the Spanish-American War, World War I, World War II, the Korean War, the Vietnam Conflict, and the Persian Gulf War. Military operations covered include the Iranian Hostage Rescue Mission, Lebanon Peacekeeping, Urgent Fury in Grenada, Just Cause in Panama, Desert Shield and Desert Storm, Restore Hope in Somalia, Uphold Democracy in Haiti, and the ongoing Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF).

For the more recent conflicts, starting with the Korean War, more detailed information on types of casualties, and, when available, demographics have been included. This report also cites sources of published lists of military personnel killed in principal wars and combat actions.

This report will be updated as events warrant.

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Introduction

This report is written in response to numerous requests for war casualty statistics and lists of war dead. It provides tables, compiled by sources at the Department of Defense (DOD), indicating the number of fatalities and numbers of wounded among American military personnel serving in principal wars and combat actions from the Revolutionary War to the current Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF; operations in Afghanistan and related conflicts).

A review of the composite data reveals the following.

- During the period between the Revolutionary War and the present, it was the Civil War that produced the most American fatalities, when Union statistics and Confederate estimates are taken into account.
- World War II was the first war in which there were more battle deaths than deaths from other causes such as accidents, disease, and infections.
- With a total of 383 in-theater deaths, 147 of which were battle deaths, the Persian Gulf War was the least costly in terms of fatalities (see **Table 1**).
- The ongoing Operation Iraqi Freedom to date has produced more than 10 times the number of in-theater deaths than the Persian Gulf War (which lasted seven months).

The casualty statistics for wars long ended are updated periodically, sometimes yearly. This almost always reflects the identification of remains of persons previously listed as missing in action and those persons' reclassification as dead. Other reasons, much rarer, include the discovery of errors in casualty records for individuals or categories of people.

Table I. Principal Wars in Which the United States Participated: U.S. Military Personnel Serving and Casualties

War/ Conflict	Branch of Service	Number Serving	Casualties			Wounds Not Mortal ^a
			Total Deaths	Battle Deaths	Other Deaths	
Revolutionary War^b	Total	—	4,435	4,435	—	6,188
1775-1783	Army	—	4,044	4,044	—	6,004
	Navy	—	342	342	—	114
	Marines	—	49	49	—	70
War of 1812^c	Total	286,730	2,260	2,260	—	4,505
1812-1815	Army	—	1,950	1,950	—	4,000
	Navy	—	265	265	—	439
	Marines	—	45	45	—	66
Mexican War^c	Total	78,718	13,283	1,733	11,550	4,152
1846-1848	Army	—	13,271	1,721	11,550	4,102
	Navy	—	1	1	—	3
	Marines	—	11	11	—	47
Civil War^c	Total	2,213,363	364,511	140,414	224,097	281,881
(Union Forces Only) ^d	Army	2,128,948	359,528	138,154	221,374	280,040
1861-1865	Navy ^e	84,415	4,523	2,112	2,411	1,710
	Marines	—	460	148	312	131
Spanish-American War	Total	306,760	2,446	385	2,061	1,662
1898-1901	Army ^f	280,564	2,430	369	2,061	1,594
	Navy	22,875	10	10	—	47
	Marines	3,321	6	6	—	21
World War I	Total	4,734,991	116,516	53,402	63,114	204,002
1917-1918	Army ^g	4,057,101	106,378	50,510	55,868	193,663
	Navy	599,051	7,287	431	6,856	819
	Marines	78,839	2,851	2,461	390	9,520
World War II	Total	16,112,566	405,399	291,557	113,842	670,846
1941-1946 ^h	Army ⁱ	11,260,000	318,274	234,874	83,400	565,861
	Navy ^j	4,183,466	62,614	36,950	25,664	37,778
	Marines	669,100	24,511	19,733	4,778	67,207

War/ Conflict	Branch of Service	Number Serving	Casualties			Wounds Not Mortal ^a
			Total Deaths	Battle Deaths	Other Deaths	
Korean War^k	Total	5,720,000	36,574	33,739	2,835	103,284
1950-1953	Army	2,834,000	29,856	27,731	2,125	77,596
	Navy	1,177,000	657	503	154	1,576
	Marines	424,000	4,509	4,267	242	23,744
	Air Force	1,285,000	1,552	1,238	314	368
Vietnam Conflict^l	Total	8,744,000	58,220	47,434	10,786	Hosp. Care Req'd: 153,303 No Hospital Care: 150,341
1964-1973	Army	4,368,000	38,224	30,963	7,261	Hosp. Care Req'd: 96,802 No Hospital Care: 104,723
	Navy	1,842,000	2,566	1,631	935	Hosp. Care Req'd: 4,178 No Hospital Care: 5,898
	Marines	794,000	14,844	13,095	1,749	Hosp. Care Req'd: 51,392 No Hospital Care: 37,202
	Air Force	1,740,000	2,586	1,745	841	Hosp. Care Req'd: 931 No Hospital Care: 2,518
Persian Gulf War^m	Total	2,225,000	383	147	235	467
1990-1991	Army	782,000	224	98	126	354
	Navy	669,000	55	5	50	12
	Marines	213,000	68	24	44	92
	Air Force	561,000	35	20	15	9

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/WCPRINCIPAL.pdf>.

Notes: Data prior to World War I are based on incomplete records in many cases. Casualty data are confined to dead and wounded and, therefore, exclude personnel captured or missing in action who were subsequently returned to military control.

- a. Marine Corps data for World War II, the Spanish-American War, and prior wars represent the number of individuals wounded, whereas all other data in this column represent the total number (incidence) of wounds.
- b. Not known, but estimates range from 184,000 to 250,000.
- c. As reported by the Commissioner of Pensions in the annual report for FY1903.
- d. Authoritative statistics for the Confederate forces are not available. Estimates of the number who served range from 600,000 to 1,500,000. The final report of the Provost Marshal General, 1863-1866,

indicated 133,821 Confederate deaths (74,524 battle and 59,297 other) based upon incomplete returns. In addition, an estimated 26,000 to 31,000 Confederate personnel died in Union prisons.

- e. The Marine Corps number serving is included in the Navy total.
- f. Number serving covers the period April 21 to August 13, 1898, while dead and wounded data are for the period May 1 to August 31, 1898. Active hostilities ceased on August 13, 1898, but ratifications of the Treaty of Peace were not exchanged between the United States and Spain until April 11, 1899.
- g. Includes air service. Battle deaths and wounds not mortal include casualties suffered by American forces in northern Russia to August 25, 1919, and in Siberia to April 1, 1920. Other deaths cover the period April 1, 1917, to December 31, 1918.
- h. Data are for the period December 1, 1941, through December 31, 1946, when hostilities were officially terminated by presidential proclamation, but a few battle deaths or wounds not mortal were incurred after the Japanese acceptance of the Allied peace terms on August 14, 1945. Number serving from December 1, 1941, through August 31, 1945, were: Total 14,903,213; Army 10,420,000; Navy 3,883,520; and Marine Corps 599,693.
- i. Includes Army air forces, also known as the Army Air Corps.
- j. Battle deaths and wounds not mortal include casualties incurred in October 1941 due to hostile action.
- k. Worldwide military deaths during the Korean War totaled 54,246. In-theater casualty records are updated annually.
- l. Number serving covers the period August 5, 1964, (“Vietnam era” begins) through January 27, 1973 (date of cease-fire). Deaths include the period November 1, 1955, (commencement date for the Military Assistance Advisory Group) through May 15, 1975 (date last American servicemember left Southeast Asia, i.e. Vietnam). Wounds not mortal exclude 150,332 persons not requiring hospital care. Casualty records are updated annually, including current deaths that are directly attributed to combat in the Vietnam Conflict. Additional detail now on table shows number of WIA servicemembers not requiring hospital care.
- m. Coast Guard numbers are included with Navy. Casualty records are updated annually.

Table 2. Worldwide U.S. Active Duty Military Deaths—Selected Military Operations

Military Operation/Incident	Casualty Type	Army	Navy	Air Force	Marine Corps	Total
Iranian Hostage Rescue Mission April 25, 1980	Non-Hostile ^a	0	0	5	3	8
Lebanon Peacekeeping August 25, 1982 - February 26, 1984	Hostile ^b	3	19	0	234	256
	Non-Hostile	5	2	0	2	9
	Total	8	21	0	236	265
Urgent Fury, Grenada, 1983	Hostile	11	4	0	3	18
	Non-Hostile	1	0	0	0	1
	Total	12	4	0	3	19
Just Cause, Panama, 1989	Hostile	18	4	0	1	23
Persian Gulf War, 1990-1991						
—Desert Shield	Non-Hostile	21	36	9	18	84
—Desert Storm	Hostile	98	6	20	24	148
	Non-Hostile	105	14	6	26	151
	Subtotal	203	20	26	50	299
Desert Shield/Storm	Total	224	56	35	68	383
Restore Hope/Unosom, Somalia, 1992-1994	Hostile	27	0	0	2	29
	Non-Hostile	4	0	8	2	14
	Total	31	0	8	4	43
Uphold Democracy, Haiti, 1994-1996	Non-Hostile	3	0	0	1	4

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/table13.htm>.

- a. According to the Department of Defense *Dictionary of Military and Associated Terms*, as amended through 31 August 2005, a “non-hostile casualty” is a casualty that is not directly attributable to hostile action or terrorist activity, such as casualties due to the elements, self-inflicted wounds, or combat fatigue, available at <http://handle.dtic.mil/100.2/ADA43918>.
- b. The above-named reference defines a “hostile casualty” as a victim of a terrorist activity or a casualty as the result of combat or attack by any force against U.S. forces.

Table 3. Active Duty Military Deaths—Race/Ethnicity Summary
(as of July 25, 2009)

Race/ Ethnicity	Korean War		Vietnam Conflict		Persian Gulf War		Since 1980 (all)	
	F	M	F	M	F	M	F	M
American Indian or Alaska Native		104		226		3	27	308
Asian		241		139		1	32	624
Black or African American		3,075		7,243	3	63	664	7,533
Hispanic or Latino		306				1	67	1,108
Hispanic or Latino—One or More Races		576		350		14	37	498
More Than One Race or Unknown		2,853		204		3	57	851
Native Hawaiian or Pacific Islander		148		229		2	7	177
White	2	29,269	8	49,826	12	280	1,604	32,549
Total	2	36,572	8	58,217	15	368	2,495	43,648
Percentages^a	F	M	F	M	F	M	F	M
American Indian or Alaska Native		0.3		0.4		0.8	1.1	.7
Asian		0.7		0.2		0.3	1.3	1.4
Black or African American		8.4		12.4	20.0	17.2	26.6	17.3
Hispanic or Latino		0.8				0.3	2.7	2.5
Hispanic or Latino—One or More Races		1.6		0.6		3.8	1.5	1.1
More Than One Race or Unknown		7.8		0.4		0.8	2.3	1.9
Native Hawaiian or Pacific Islander		0.4		0.4		0.5	0.3	0.4
White	100.0	80.0	100.0	85.6	80.0	76.3	64.3	74.6
Total^b	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/RACE-OMB-WC.pdf>.

Note: Prior to the Korean War, race often went untracked. In the few cases in which race was tracked or recorded, soldiers were given the a choice between some variation of “White” or “Black;” categories such as “Hispanic or Latino,” “Asian,” or “Native American” were not used.

- a. Percentages of total female or male deaths, divided by ethnicity. For instance, in the Persian Gulf War, 20% of female deaths were Black or African American and 80% of female deaths were White.
- b. Totals may not equal 100.0 due to rounding.

**Table 4. U.S. Active Duty Military Deaths, 1980 Through 2008, Part I,
Total Military Personnel**
(as of April 22, 2009)

Calendar Year	Active Duty	Full-Time (est.) Guard-Reserve	Selected Reserve FTE ^a	Total Military FTE	Total Deaths
1980	2,050,758	22,000	86,872	2,159,630	2,392
1981	2,093,032	22,000	91,719	2,206,751	2,380
1982	2,112,609	41,000	97,458	2,251,067	2,319
1983	2,123,909	49,000	100,455	2,273,364	2,465
1984	2,138,339	55,000	104,583	2,297,922	1,999
1985	2,150,379	64,000	108,806	2,323,185	2,252
1986	2,177,845	69,000	113,010	2,359,855	1,984
1987	2,166,611	71,000	115,086	2,352,697	1,983
1988	2,121,659	72,000	115,836	2,309,495	1,819
1989	2,112,128	74,200	117,056	2,303,384	1,636
1990	2,046,806	74,250	137,268	2,258,324	1,507
1991	1,943,937	70,250	184,002	2,198,189	1,787
1992	1,773,996	67,850	111,491	1,953,337	1,293
1993	1,675,269	68,500	105,768	1,849,537	1,213
1994	1,581,649	65,000	99,833	1,746,482	1,075
1995	1,502,343	65,000	94,585	1,661,928	1,040
1996	1,456,266	65,000	92,409	1,613,675	974
1997	1,418,773	65,000	94,609	1,578,382	817
1998	1,381,034	65,000	92,536	1,538,570	827
1999	1,367,838	65,000	93,104	1,525,942	796
2000	1,372,352	65,000	93,078	1,530,430	758
2001	1,384,812	65,000	102,284	1,552,096	891
2002	1,411,200	66,000	149,942	1,627,142	999
2003	1,423,348	66,000	243,284	1,732,632	1,410
2004	1,411,287	66,000	234,629	1,711,916	1,873
2005	1,378,014	66,000	220,000	1,664,014	1,941
2006	1,371,533	72,000	168,000	1,611,533	1,882
2007	1,368,226	72,000	168,000	1,608,226	1,953
2008	1,402,227	73,000	207,917	1,683,144	1,441

Source: Defense Manpower Data Center, Statistical Information Analysis Division, http://siadapp.dmdc.osd.mil/personnel/CASUALTY/death_Rates.pdf.

Note: Official Department of Defense end-strengths as of December 31 for military pay accounts. Excludes full time Guard and Reserve.

- a. Full time equivalent (FTE) is based on official Department of Defense fiscal year end selected reserve strength (10% of the figure is used to estimate days on active duty).

Table 5. U.S. Active Duty Military Deaths, 1980 Through 2008, Part II, Cause of Death
(as of April 22, 2009)

Calendar Year	Total Deaths	Accident	Hostile Action	Homicide	Illness	Pending	Self Inflicted	Terrorist Attack	Undetermined
1980	2,392	1,556		174	419		231	1	11
1981	2,380	1,524		145	457		241		13
1982	2,319	1,493		108	446		254	2	16
1983	2,465	1,413	18	115	419		218	263	19
1984	1,999	1,293	1	84	374		225	6	16
1985	2,252	1,476		111	363		275	5	22
1986	1,984	1,199	2	103	384		269		27
1987	1,983	1,172	37	104	383		260	2	25
1988	1,819	1,080		90	321		285	17	26
1989	1,636	1,000	23	58	294		224		37
1990	1,507	880		74	277		232	1	43
1991	1,787	931	147	112	308		256		33
1992	1,293	676		109	252		238	1	17
1993	1,213	632		86	221		236	29	9
1994	1,075	544		83	206		232		10
1995	1,040	538		67	174		250	7	4
1996	974	527	1	52	173		188	19	14
1997	817	433		42	170		159		13
1998	827	445		26	174		165	3	14
1999	796	439		38	154		150		15
2000	758	397		34	139		151	17	20
2001	891	434	3	49	187		141	55	22
2002	999	543	18	54	195		163		26
2003	1,410	576	344	43	234	1	187		25
2004	1,873	605	739	45	272	3	201		8
2005	1,941	649	739	52	289	5	181		26
2006	1,882	562	769	47	256	9	212		27
2007	1,953	561	847	47	235	29	211		23
2008	1,441	470	352	43	235	83	235		23

Source: Defense Manpower Data Center, Statistical Information Analysis Division, http://siadapp.dmdc.osd.mil/personnel/CASUALTY/death_Rates.pdf.

Note: Distorted versions of **Tables 4 and 5** have been circulating through the Internet. As the tables here and on the Department of Defense website show, total military deaths and hostile deaths increased from 2001 to 2005, and then decreased in 2006.

**Table 6. Comparison of Death, Wounded and Amputation Statistics
in American Conflicts**

	Deaths ^a	Wounded ^a	Amputations ^{b,c}	Ratio Deaths/ Wounded	Ratio Amputations/ Wounded	Ratio Amputations/ Deaths
Operation Iraqi Freedom	4,301	31,430	1,112	1:7.3	1:28.3	1:3.9
Operation Enduring Freedom	714	3,162	112	1:4.4	1:28.2	1:6.4
Persian Gulf War	383	467	N/A	1:1.2	N/A	N/A
Vietnam	58,220	153,303	5,283	1:2.6	1:29.0	1:11.0
Korea	36,574	103,284	1,477	1:2.8	1:69.9	1:24.8
World War II	405,399	670,846	7,489	1:1.65	1:89.5	1:54.1
World War I	116,516	204,022	2,610	1:1.8	1:78.2	1:44.6

Sources: For deaths and wounded, Department of Defense Military Casualties website, at <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/castop.htm>; amputation information and PowerPoint presentation provided by Dr. Michael Carino of the Office of the Surgeon General, U.S. Army.

- a. Current as of July 4, 2009, includes deaths due to Hostile and Non-Hostile causes.
- b. Current as of July 13, 2009; includes Major Limb Amputation and Amputation of Toes, Thumbs, Fingers, Partial Hand, and Partial Foot.
- c. Individual soldiers may have multiple amputations.

Table 7. Korean War: Casualty Summary
(as of May 16, 2008)

Casualty Type	Total	Army	Air Force	Marines	Navy
Killed in Action	23,613	19,715	209	3,320	369
Died of Wounds	2,460	1,887	14	532	27
Missing in Action—Declared Dead	4,817	3,337	991	386	103
Captured—Declared Dead	2,849	2,792	24	29	4
Total Hostile Deaths	33,739	27,731	1,238	4,267	503
Missing—Presumed Dead	8	4	4		
Other Deaths	2,827	2,121	310	242	154
Total Non-Hostile Deaths	2,835	2,125	314	242	154
Total In-Theater Deaths^a	36,574	29,856	1,552	4,509	657
Total Non-Theater Deaths	17,672	7,277	5,532	1,019	3,844
Total Deaths	54,246	37,133	7,084	5,528	4,501
Killed in Action—No Remains	1,521	1,072	49	252	148
Died of Wounds—No Remains	22	22			
Missing in Action - Declared Dead—No Remains	4,549	3,276	807	372	94
Captured-Declared Dead—No Remains	1,891	1,850	13	25	3
Non-Hostile Missing- Presumed Dead—No Remains	8	4	4		
Non-Hostile Other Deaths—No Remains	84	5	37	6	36
Total—No Remains	8,075	6,229	910	655	281
Wounded—Not Mortal	103,284	77,596	368	23,744	1,576
Number Serving Worldwide^b	5,720,000	2,834,000	1,285,000	424,000	1,177,000
Number Serving In-Theater^b	1,789,000	1,153,000	241,000	130,000	265,000

Source: Washington Headquarters Services, Directorate for Information Operations and Reports, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/korea.pdf>.

- a. Inclusive dates are June 25, 1950, to July 27, 1953. Casualty dates after the end date represent service members who were wounded during the period and subsequently died as a result of those wounds and those service members who were involved in an incident during the period and were later declared dead.
- b. Estimated figures.

Table 8. Vietnam Conflict: Casualty Summary
(as of May 16, 2008)

Casualty Type	Total	Army	Air Force	Marines	Navy
Killed in Action	40,934	27,047	1,080	11,501	1,306
Died of Wounds	5,299	3,610	51	1,486	152
Missing in Action—Declared Dead	1,085	261	589	98	137
Captured—Declared Dead	116	45	25	10	36
Total Hostile Deaths	47,434	30,963	1,745	13,095	1,631
Missing—Presumed Dead	123	118	0	3	2
Other Deaths	10,663	7,143	841	1,746	933
Total Non-Hostile Deaths	10,786	7,261	841	1,749	935
Total In-Theater Deaths	58,220	38,224	2,586	14,844	2,566
Killed in Action—No Remains	575	173	206	102	94
Missing in Action-Declared Dead—No Remains	691	201	339	74	77
Captured-Declared Dead—No Remains	52	32	7	3	10
Non-Hostile Missing-Presumed Dead—No Remains	91	86		3	2
Non-Hostile Other Deaths—No Remains	332	69	30	37	196
Total—No Remains	1,741	561	582	219	379
Wounded—Not Mortal	153,303	96,802	931	51,392	4,178
Number Serving Worldwide^b	8,744,000	4,368,000	1,740,000	794,000	1,842,000
Number Serving Southeast Asia^b	3,403,000	2,276,000	385,000	513,000	229,000
Number Serving South Vietnam^b	2,594,000	1,736,000	293,000	391,000	174,000

Source: Washington Headquarters Services, Directorate for Information Operations and Reports, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/vietnam.pdf>.

- a. Inclusive dates are November 1, 1955, to May 15, 1975. Casualty dates after the end date represent service members who were wounded during the period and subsequently died as a result of those wounds and those service members who were involved in an incident during the period and were later declared dead.
- b. Estimated figures.

Table 9. Persian Gulf War: Casualty Summary Desert Shield/Desert Storm
(as of January 29, 2010)

Casualty Type	Total	Army	Air Force	Marines	Navy ^a
Killed in Action	144	96	20	22	6
Died of Wounds	4	2		2	
Missing in Action—Declared Dead					
Captured—Declared Dead					
Total Hostile Deaths	148	98	20	24	6
Missing—Presumed Dead	12		2	8	2
Other Deaths	223	126	13	36	48
Total Non-Hostile Deaths	235	126	15	44	50
Total In-Theater Deaths^b	383	224	35	68	56
Total Non-Theater Deaths	1,565	608	299	171	487
Total Deaths	1,948	832	334	239	543
Killed in Action—No Remains	2				2
Missing in Action—No Remains					
Captured-Declared Dead—No Remains					
Non-Hostile Missing- Presumed Dead—No Remains	12		2	8	4
Non-Hostile Other Deaths—No Remains					
Total—No Remains	14	0	2	8	4
Wounded—Not Mortal	467	354	9	92	12
Serving Worldwide^c	2,225,000	782,000	561,000	213,000	669,000
Serving In-Theater—Active Duty	584,342	271,654	70,741	90,866	151,081
Serving In-Theater—Recalled	110,208	78,512	11,666	12,660	7,370

Source: <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/GWSUM.pdf>.

- a. Includes Coast Guard.
- b. Inclusive dates are August 7, 1990, to September 14, 1991. Any casualty date in the detailed records after the end date represents a service member who was wounded during the period and subsequently died as a result of those wounds or a service member who was in a missing status during a part of the war period and later declared dead.
- c. Estimated figures.

Tables 10 through 12 provide statistics on casualties during Operation Enduring Freedom, which began on October 7, 2001, and is ongoing. **Table 10** provides statistics on total casualties by type. **Table 11** provides statistics on the demographics of military deaths. **Table 12** provides statistics on the demographics of service members who have been wounded in action. These statistics may be revised as circumstances are investigated and records are processed through the U.S. military system. Daily casualty summaries are available at DOD's website at <http://www.defenselink.mil/news/casualty.pdf>.

Table 10. Global War on Terrorism: Operation Enduring Freedom by Casualty Category Within Service

(from October 7, 2001 through February 6, 2010)

Casualty Type	Total	Army	Navy ^a	Marines	Air Force
Killed in Action	564	442	31	72	19
Died of Wounds ^b	138	94	3	37	4
Died While Missing In Action					
Died While Captured					
Total Hostile Deaths	702	536	34	109	23
Accident	177	122	9	28	18
Illness	28	16	7	3	2
Homicide	10	9		1	
Self-Inflicted	35	27	3	3	2
Undetermined	8	5	1	1	1
Pending ^c	13	9		4	
Total Non-Hostile Deaths	271	188	20	40	23
Total Deaths	973	724	54	149	46
Total Wounded In Action	4,949	3,810	90	911	138
Wounded—No Medical Air Transport Required	3,303	2,341	44	571	77
Wounded—Medical Air Transport Required	1,916	1,469	46	340	61
Total—Non-Hostile Related Medical Air Transports^d	9,038	6,700	456	624	1,258
Non-Hostile Injuries—Medical Air Transport Required	2,276	1,626	131	231	288
Diseases/Other Medical—Medical Air Transport Required	6,762	5,074	325	393	970
Total Medical Air Transported (Hostile and Non-Hostile)	10,954	8,169	502	964	1,319

Source: Defense Manpower Data Center, Data Analysis and Programs Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/wotsum.pdf>.

- a. Navy totals include Coast Guard.
- b. Includes died of wounds where wounding occurred in theater and death occurred elsewhere.
- c. Pending means final category to be determined at a later date.
- d. Reported by Armed Forces Health Surveillance Center.

Table II. Operation Enduring Freedom, Demographics of Military Deaths

(from October 7, 2001, through February 6, 2010)

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	702	536	34	109	23
Non-hostile	271	188	20	40	23
Total	973	724	54	149	46
Male	953	713	51	148	41
Female	20	11	3	1	5
Total	973	724	54	149	46
Officer	136	98	9	19	10
E5-E9	407	317	25	40	25
E1-E4	430	309	20	90	11
Total	973	724	54	149	46
Age <22	203	138	9	52	4
22-24	208	152	9	38	9
25-30	277	211	15	39	12
31-35	127	94	11	13	9
>35	158	129	10	7	12
Total	973	724	54	149	46
Active	803	568	51	141	43
Reserve	45	33	3	8	1
National Guard	125	123			2
Total	973	724	54	149	46
American Indian or Alaska Native	14	7	4	2	1
Asian	12	8	4		
Black or African American	81	69	4	8	
Hispanic or Latino	75	49	4	17	5
Multiple races, pending, or unknown	8	5	1	1	1
Native Hawaiian or Pacific Islander	12	10	1		1
White	771	576	36	121	38
Total	973	724	54	149	46

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oeofdeaths.pdf>.

Note: Casualty areas include in/around Afghanistan, Republic of the Philippines, Southwest Asia, and other locations.

Table 12. Operation Enduring Freedom, Military Wounded in Action

(from October 7, 2001, through February 6, 2010)

Casualty Type	Totals	Army	Navy^a	Marines	Air Force
Hostile	4,949	3,810	90	911	138
Non-hostile					
Total	4,949	3,810	90	911	138
Male	4,899	3,770	88	908	133
Female	50	40	2	3	5
Total	4,949	3,810	90	911	138
Officer	381	312	7	41	21
E5-E9	1,849	1,468	38	249	94
E1-E4	2,719	2,030	45	621	23
Total	4,949	3,810	90	911	138
Age <22	1,017	825	12	173	7
22-24	1,186	1,025	20	125	16
25-30	1,261	1,073	30	108	50
31-35	489	415	14	30	30
>35	470	420	6	10	34
Not Available	526	52	8	465	1
Total	4,949	3,810	90	911	138
Active	4,186	3,073	89	898	126
Reserve	110	94	1	13	2
National Guard	653	643			10
Total	4,949	3,810	90	911	138
American Indian or Alaska Native	61	42	5	13	1
Asian	83	70	4	7	2
Black or African American	270	227	4	33	6
Hispanic or Latino	224	166	10	41	7
Multiple races, pending, or unknown	350	97	10	238	5
Native Hawaiian or Pacific Islander	19	12	3	3	1
White	3,942	3,196	54	576	116
Total	4,949	3,810	90	911	138

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oefwia.pdf>.

Note: Casualty areas include in/around Afghanistan, Republic of the Philippines, Southwest Asia, and other locations.

a. Navy totals include one Coast Guard death.

Tables 13 through 16 provide statistics on casualties during Operation Iraqi Freedom, which began on March 19, 2003, and is ongoing. **Table 13** provides statistics on total casualties by type. **Table 14** and **Table 15** provide statistics on the demographics of military deaths, divided between the period of major combat operations (March 19, 2003, through April 30, 2003) and the ongoing presence of U.S. forces in Iraq after the end of major combat operations (May 1, 2003, through present). **Table 16** provides statistics on the demographics of service members who have been wounded in action. These statistics may be revised as circumstances are investigated and records are processed through the U.S. military system. Daily casualty summaries are available at DOD’s website at <http://www.defenselink.mil/news/casualty.pdf>.

**Table 13. Operation Iraqi Freedom, by Casualty Category Within Service,
March 19, 2003, Through February 6, 2010**

Casualty Type	Total	Army	Navy ^a	Marines	Air Force
Killed in Action	2,664	1,908	63	664	29
Died of Wounds ^b	793	604	2	187	
Died While Missing In Action	7	7			
Died While Captured	5	5			
Total Hostile Deaths	3,469	2,524	65	851	29
Accident	543	392	18	120	13
Illness	88	69	8	6	5
Homicide	34	22	4	6	2
Self-Inflicted	202	167	4	29	2
Undetermined	12	10	2		
Pending ^c	17	6	1	10	
Total Non-Hostile Deaths	896	666	37	171	22
Total Deaths	4,365	3,190	102	1,022	51
Total Wounded in Action (WIA)	31,651	21,970	633	8,623	425
Wounded—No Medical Air Transport Required	22,754	15,305	472	6,649	328
Wounded—Medical Air Transport Required	8,897	6,665	161	1,974	97
Total—Non-Hostile-Related Medical Air Transports	38,327	31,692	1,408	3,309	1,918
Non-Hostile Injuries—Medical Air Transport Required	9,921	7,770	380	1,306	465
Disease/Other Medical—Medical Air Transport Required	28,406	23,922	1,028	2,003	1,453
Total—Medical Air Transports (Hostile and Non-Hostile)	47,224	38,357	1,569	5,283	2,015

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oif-total.pdf>.

a. Navy totals include Coast Guard.

- b. Includes those who died of wounds where wounding occurred in theater and death occurred elsewhere.
- c. Pending means final category to be determined at a later date.

**Table 14. Operation Iraqi Freedom: Military Deaths,
March 19, 2003, Through February 6, 2010**

Casualty Type	Totals	Army	Navy ^a	Marines	Air Force
Hostile	3,469	2,524	65	851	29
Non-Hostile	896	666	37	171	22
Total	4,365	3,190	102	1,022	51
Male	4,261	3,107	92	1,014	48
Female	104	83	10	8	3
Total	4,365	3,190	102	1,022	51
Officer	421	323	11	75	12
E5-E9	1,427	1,180	48	173	26
E1-E4	2,517	1,687	43	774	13
Total	4,365	3,190	102	1,022	51
Age <22	1,276	782	15	473	6
22-24	1,062	779	17	257	9
25-30	1,110	860	31	203	16
31-35	423	350	16	49	8
>35	494	419	23	40	12
Total	4,365	3,190	102	1,022	51
Active	3,556	2,548	79	883	46
Reserve	319	154	23	139	3
National Guard	490	488			2
Total	4,365	3,190	102	1,022	51
American Indian or Alaska Native	42	27	1	14	
Asian	81	53	5	23	
Black or African American	420	358	11	44	7
Hispanic or Latino	463	301	12	146	4
Multiple races, pending, or unknown	48	39	1	6	2
Native Hawaiian or Pacific Islander	50	41	1	8	
White	3,261	2,371	71	781	38
Total	4,365	3,190	102	1,022	51

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oif-deaths-total.pdf>.

Note: Data subject to change.

- a. Navy totals include one Coast Guard death.

Table 15. Operation Iraqi Freedom: Military Deaths, Since May 1, 2003

Casualty Type	Totals	Army	Navy ^a	Marines	Air Force
Hostile	3,304	2,427	60	792	25
Non-Hostile	802	594	34	154	20
Total	4,106	3,021	94	946	45
Male	4,005	2,941	84	938	42
Female	101	80	10	8	3
Total	4,106	3,021	94	946	45
Officer	378	300	6	64	8
E5-E9	1,353	1,129	46	153	25
E1-E4	2,375	1,592	42	729	12
Total	4,106	3,021	94	946	45
Age <22	1,206	740	15	445	6
22-24	1,001	736	16	242	7
25-30	1,048	822	28	184	14
31-35	396	329	16	43	8
>35	455	394	19	32	10
Total	4,106	3,021	94	946	45
Active	3,339	2,411	74	813	41
Reserve	299	143	20	133	3
National Guard	468	467			1
Total	4,106	3,021	94	946	45
American Indian or Alaska Native	39	24	1	14	
Asian	79	52	5	22	
Black or African American	384	332	10	35	7
Hispanic or Latino	427	281	11	131	4
Multiple Races, pending or unknown	44	36	1	5	2
Native Hawaiian or Pacific islander	47	39	1	7	
White	3,086	2,257	65	732	32
Total	4,106	3,021	94	946	45

Source: <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/OIF-Deaths-After.pdf>.

Note: After the end of major combat operations; data subject to change—as of August 1, 2009.

a. Navy totals include one Coast Guard death.

Table 16. Operation Iraqi Freedom: Wounded In Action, Since May 1, 2003

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	31,103	21,697	621	8,363	422
Non-Hostile					
Total	31,103	21,697	621	8,363	422
Male	30,495	21,164	616	8,322	393
Female	608	533	5	41	29
Total	31,103	21,697	621	8,363	422
Officer	1,821	1,356	34	394	37
E5-E9	10,105	8,124	237	1,519	225
E1-E4	19,177	12,217	350	6,450	160
Total	31,103	21,697	621	8,363	422
Age <22	8,672	5,158	128	3,325	61
22-24	7,784	5,631	148	1,912	93
25-30	7,316	5,765	130	1,294	127
31-35	2,983	2,510	72	351	50
>35	2,785	2,384	90	221	90
Not Available	1,563	249	53	1,260	1
Total	31,103	21,697	621	8,363	422
Active	24,569	16,363	520	7,338	348
Reserve	2,413	1,271	101	1,025	16
National Guard	4,121	4,063			58
Total	31,103	21,697	621	8,363	422
American Indian or Alaska Native	332	214	24	92	2
Asian	505	360	19	123	3
Black or African American	2,596	2,245	39	286	26
Hispanic or Latino	1,931	1,466	20	415	30
Multiple races, pending, or unknown	1,622	670	66	863	23
Native Hawaiian or Pacific Islander	185	146	5	30	4
White	23,932	16,596	448	6,554	334
Total	31,103	21,697	621	8,363	422

Source: <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oif-wounded-after.pdf>.

Resources

Sources of Statistics

The Department of Defense Directorate of Information, Operations, and Reports (DIOR) provides detailed historical tables as well as annual statistics on active duty military deaths at <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/castop.htm>.

The National Archives and Records Administration (NARA) has published statistics derived from its Southeast Asia Combat Area Casualties Current File. This includes tables on Vietnam casualty data by branch of service, race, religion, state, and other categories at <http://www.archives.gov/research/vietnam-war/casualty-statistics.html>.

Sources of Published Lists of Names of War Dead

The Congressional Research Service also receives requests for lists of the names of war dead, often for use on memorials, tributes, or for other ceremonial purposes. This report cites the following sources of published lists of U.S. military personnel killed in major wars and other combat actions.

World War II

Army casualty lists for World War II are published in *World War II Honor List of the Dead and Missing* (U.S. War Department, 1946). The lists are also available online at <http://www.archives.gov/research/arc/ww2/army-casualties/index.html>.

Navy casualty lists are published in *State Summary of War Casualties* (U.S. Navy Department, 1946). The National Archives also publishes casualty lists online at <http://www.archives.gov/research/arc/ww2/navy-casualties/index.html>.

Korean War and Vietnam War

The National Archives has made state-level casualty lists from the Korean War and the Vietnam War available at <http://www.archives.gov/research/korean-war/casualty-lists/>.

Operation Enduring Freedom (OEF)

The DIOR website lists the names of individuals killed in OEF at http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oef_list_of_names.pdf.

Operation Iraqi Freedom (OIF)

The DIOR website lists the names of individuals killed in OIF at http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oif_list_of_names.pdf.

Wars Prior to World War II

Lists of casualties that are not available from a central source may be obtained on a state level from each state's Adjutant General's office.¹ The Adjutant General of each state is the military commander of the state's national guard. The following is a list of these offices.

Alabama

Major General A C. Blalock, P.O. Box 3711, Montgomery, AL 36109, (334) 271-7200

Alaska

Brigadier General Thomas H. Katkus, (Acting, as of August 28, 2009), P.O. Box 5800, Fort Richardson, AK 99505-5800, (907) 428-6007

Arizona

Major General Hugo Salazar, Emergency and Military Affairs Department, 5636 East McDowell Road, Phoenix, AZ 85008-3495, (602) 267-2710

Arkansas

Major General William D. Wofford, Camp J.T. Robinson, North Little Rock, AR 72199-9600, (501) 212-5001

California

Major General William H. Wade, II, P.O. 269101, Sacramento, CA 95826, (916) 854-3500

Colorado

Major General H. Michael Edwards, 6848 South Revere Parkway, Centennial, CO 80112-6709, (720) 250-1500

Connecticut

Major General Thaddeus J. Martin, William J. O'Neill Armory, 360 Broad Street, Hartford, CT 06105-3706, (860) 524-4953

Delaware

Major General Francis D. Vavala, USA, National Guard, First Regiment Road, Wilmington, DE 19808-2191, (302) 326-7001

¹ Sources: via CRS contact, the Adjutants General Association of the United States at <http://www.agaus.org/Documents/TAGSContact29April09.pdf>, and the Leadership Library at <http://www.leadershipdirectories.com/>, by subscription only.

District of Columbia

Major General Errol R. Schwartz, DC National Guard, 2001 East Capitol Street, SE, Washington, DC 20003, (202) 685-9798

Florida

Major General Douglas Burnett, St. Francis Barracks, P.O. Box 1008, Saint Augustine, FL 32085-1008, (904) 823-0100

Georgia

Major General William T. "Terry" Nesbitt, Georgia Department of Defense, P.O. Box 1970, Marietta, GA 30061, (678) 569-6001

Guam

Major General Don Goldhorn, 430 Army Drive, Building 300., Barrigada, GU 96913-4421, (671) 735-0400

Hawaii

Major General Robert G. F. Lee, 3949 Diamond Head Road, Honolulu, HI 96816-4495, (808) 733-4246

Idaho

Major General Lawrence Lafrenz, Gowen Field, 4040 West Guard Street, Boise, ID 83705-5004, (208) 422-5242

Illinois

Major General William L. Enyart, Military Affairs Department, 1301 N. MacArthur Boulevard, Springfield, IL 62702-2399, (217) 761-3500

Indiana

Major General R. Martin Umbarger, Joint Forces Headquarters-Indiana, 2002 South Holt Road, Indianapolis, IN 46241-4839, (317) 247-3559

Iowa

Brigadier General Timothy E. Orr, 7105 NW 70th Avenue, Johnston, IA 50131-1824, (515) 252-4211

Kansas

Major General Tod Bunting, 2800 SW Topeka Boulevard, Topeka, KS 66611-1287, (785) 274-1001

Kentucky

Brigadier General Edward W. Tonini, Boone National Guard Center, 100 Minuteman Parkway, Frankfort, KY 40601, (502) 607-1558

Louisiana

Major General Bennett C. Landreneau, Camp Beauregard, Building 304 F Street, Pineville, LA 71360, (318) 641-3858

Maine

Major General John W. "Bill" Libby, Camp Keyes, Augusta, ME 04333-0033, (207) 626-4271

Maryland

Adjutant General James A. Adkins, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201-2288, (410) 576-6097

Massachusetts

Major General Joseph C. Carter, Headquarters, Massachusetts National Guard, 50 Maple Street, Milford, MA 01757, (508) 233-6552

Michigan

Major General Thomas Cutler, 2500 S. Washington Avenue, Lansing, MI 48906, (517) 481-8083

Minnesota

Major General Larry W. Shellito, 20 West 12th Street, St. Paul, MN 55155-2004, (651) 268-8924

Mississippi

Major General William "Bill" Freeman, Jr., P.O. Box 5027, Jackson, MS 39296-5027, (601) 313-6232

Missouri

Brigadier General Stephen L. Danner, 2302 Militia Drive, Jefferson City, MO 65101-1203, (573) 638-9710

Montana

Brigadier General John E. Walsh, 1956 Mt. Majo Street, P.O. Box 4789, Fort Harrison, MT 59636-4789, (406) 324-3010

Nebraska

Brigadier General Judd H. Lyons, 1300 Military Road, Lincoln, NE 68508-1090, (402) 309-7210

Nevada

Brig Gen William R. Burks, Nevada National Guard JFHQ, 2460 Fairview Drive, Carson City, NV 89701-5502, (775) 887-7302

New Hampshire

Major General William N. Reddel III, 1 Minuteman Way, Concord, NH 03301-5652, (603) 225-1200

New Jersey

Major General Glenn K. Rieth, New Jersey Department of Military and Veterans Affairs, 101 Eggert Crossing Road, Lawrenceville, NJ 08648-2805, (609) 530-6956

New Mexico

Major General Kenny C. Montoya, 47 Bataan Boulevard, Santa Fe, NM 87508, (505) 474-1210

New York

Major General Joseph J. Taluto, 330 Old Niskayuna Road, Latham, NY 12110-2224, (518) 786-4502

North Carolina

Major General William E. Ingram, Jr., 4105 Reedy Creek Road, Raleigh, NC 27607-6410, (919) 664-6101

North Dakota

Major General David A. Sprynczynatyk, P.O. Box 5511, Bismarck, ND 58506-5511, (701) 333-2000

Ohio

Major General Gregory L. Wayt, 2825 West Dublin Granville Road, Columbus, OH 43235-2789, (614) 336-7070

Oklahoma

Major General Myles L. Deering, 3501 Military Circle, Oklahoma City, OK 73111-4398, (405) 228-5201

Oregon

Major General Raymond Fred Rees, P.O. Box 14350, Salem, OR 97309-5047, (503) 584-3991

Pennsylvania

Major General Jessica L. Wright, Building S-O-47, Fisher Avenue, Fort Indiantown Gap, Annville, PA 17003-5002, (717) 861-8500

Puerto Rico

Major General Antonio J. Vicens-Gonzalez, P.O. Box 9023786, San Juan, PR 00904-3786, (787) 289-1631

Rhode Island

Major General Robert Thomas Bray, Headquarters, Rhode Island National Guard, Command Readiness Center, 645 New London Avenue, Cranston, RI 02920-3097, (401) 275-4102

South Carolina

Major General (Ret.) Stanhope S. Spears, One National Guard Road, Columbia, SC 29201-4766, (803) 806-4217

South Dakota

Major General Steven R. Doohen, 2823 West Main, Rapid City, SD 57702-8170, (605) 737-6702

Tennessee

Major General Gus L. Hargett, Jr., Houston Barracks, 3041 Sidco Drive, Nashville, TN 37204-1502, (615) 313-3001

Texas

Major General Jose S. Mayorga, P.O. Box 5218, Austin, TX 78763-5218, (512) 782-5006

U.S. Virgin Islands

Major General Renaldo Rivera, 4031 La Grande Princesse, Lot #1B, Christiansted, St. Croix, VI 00820-4353, (340) 773-7710

Utah

Major General Brian L. Tarbet, 12953 S. Minuteman Drive, Draper, UT 84020-1776, (801) 432-4402

Vermont

Major General Michael D. Dubie, 789 Vermont National Guard Road, Colchester, VT 05446-3099, (802) 338-3124

Virginia

Major General Robert B. Newman, Jr., 1100 Bank Street, 3rd Floor, Richmond VA 23219, (804) 371-2526

Washington

Major General Timothy J. Lowenberg, Camp Murray, Building 1, Tacoma, WA 98430-5000, (253) 512-8201

West Virginia

Major General Allen E. Tackett, 1703 Coonskin Drive, Charleston, WV 25311-1085, (304) 561-6316

Wisconsin

Brigadier General Donald Dunbar, P.O. Box 8111, Madison, WI 53704, (608) 242-3001

Wyoming

Major General Edward L. Wright, 5500 Bishop Boulevard, Cheyenne, WY 82009-3320, (307) 772-5234

Additional Websites

Defenselink, the official website for the Department of Defense, issues news releases every weekday that identify military personnel killed, available at <http://www.defenselink.mil/news/>.

U.S. Department of Defense at <http://www.defense.gov>

CRS Reports

CRS Report RS21578, *Iraq: U.S. Casualties*, by Susan G. Chesser.

CRS Report RS22537, *Iraqi Civilian Casualties Estimates*, by Hannah Fischer.

CRS Report R40824, *Iraq Casualties: U.S. Military Forces and Iraqi Civilians, Police, and Security Forces*, by Hannah Fischer.

CRS Report RS22532, *Iraqi Police and Security Forces Casualties Estimates*, by Hannah Fischer.

CRS Report RS22452, *United States Military Casualty Statistics: Operation Iraqi Freedom and Operation Enduring Freedom*, by Hannah Fischer.

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