



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 382 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			
			Total Deaths	Battle Deaths	Other Deaths	Wounds Not Mortal ^a
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			
			Total Deaths	Battle Deaths	Other Deaths	Wounds Not Mortal ^a
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
1964-1973						No Hospital Care: 150,341
	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	382	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 the 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.
- 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. Report does not include Captain M. Scott Speicher, USN, whose remains were recovered in July 2009. Further information regarding the recovery of Captain Speicher is available at <http://www.defenselink.mil/releases/release.aspx?releaseid=12862>.
- n. 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	0	0	5	3	8
Lebanon Peacekeeping August 25, 1982 - February 26, 1984	Hostile	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>.

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	367	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	382	467	N/A	1:1.2	N/A	N/A
Vietnam	58,209	153,303	5,283	1:2.6	1:29.0	1:11.0
Korea	36,578	103,284	1,477	1:2.8	1:69.9	1:24.8
World War II	405,399	671,846	7,489	1:1.7	1:89.7	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 May 16, 2008)

Casualty Type	Total	Army	Air Force	Marines	Navy
Killed in Action	143	96	20	22	5
Died of Wounds	4	2		2	
Missing in Action-Declared Dead					
Captured-Declared Dead					
Total Hostile Deaths	147	98	20	24	5
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^a	382	224	35	68	55
Total Non-Theater Deaths	1,565	608	299	171	487
Total Deaths	1,947	832	334	239	542
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	2
Non-Hostile Other Deaths—No Remains					
Total—No Remains	14	0	2	8	4
Wounded - Not Mortal	467	354	9	92	12
Serving Worldwide^b	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. 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.
- b. Estimated figures includes Coast Guard. Report does not include Captain M. Scott Speicher, USN, whose remains were recovered in Iraq, in July, 2009. Further information regarding Captain Speicher may be found at <http://www.defenselink.mil/releases/release.aspx?releaseid=12862>.

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 August 1, 2009)

Casualty Type	Total	Army	Navy ^a	Marines	Air Force
Killed in Action	426	343	27	40	16
Died of Wounds ^b	95	66	3	23	3
Died While Missing In Action					
Died While Captured					
Total Hostile Deaths	521	409	30	63	19
Accident	165	116	8	23	18
Illness	20	12	4	3	1
Homicide	4	3		1	
Self-Inflicted	33	26	3	2	2
Undetermined	7	4	1	1	1
Pending ^c	9	2	3	4	
Total Non-Hostile Deaths	238	163	19	34	22
Total Deaths	759	572	49	97	41
Total Wounded In Action	3,442	2,784	62	492	104
Wounded – No Medical Air Transport Required	1,731	1,368	33	277	53
Wounded – Medical Air Transport Required	1,711	1,416	29	215	51
Total – Non-Hostile Related Medical Air Transports	8,336	6,272	406	501	1,157
Non-Hostile Injuries – Medical Air Transport Required	2,168	1,574	121	190	283
Diseases/Other Medical – Medical Air Transport Required	6,168	4,698	285	311	874
Total Medical Air Transported (Hostile and Non-Hostile)	10,047	7,688	435	716	1,208

Source: Defense Manpower Data Center, Statistical Information Analysis Division, <http://siadapp.dmdc.osd.mil/personnel/CASUALTY/wotsum.pdf> accessed on August 28, 2009.

- 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.

Table II. Operation Enduring Freedom, Demographics of Military Deaths

(from October 7, 2001, through August 1, 2009)

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	521	409	30	63	19
Non-hostile	238	163	19	34	22
Total	759	572	49	97	41
Male	741	563	46	96	36
Female	18	9	3	1	5
Total	759	572	49	97	41
Officer	117	85	9	13	10
E5-E9	317	244	24	28	21
E1-E4	325	243	16	56	10
Total	759	572	49	97	41
Age <22	156	112	7	33	4
22-24	149	110	7	24	8
25-30	207	159	14	24	10
31-35	106	78	11	10	7
>35	141	113	10	6	12
Total	759	572	49	97	41
Active	611	432	47	93	39
Reserve	34	28	2	4	
National Guard	114	112			2
Total	759	572	49	97	41
American Indian or Alaska Native	10	5	3	1	1
Asian	9	6	3		
Black or African American	60	50	4	6	
Hispanic or Latino	58	43	2	8	5
Multiple races, pending, or unknown	5	3		1	1
Native Hawaiian or Pacific Islander	10	8	1		1
White	607	457	36	81	33
Total	759	572	49	97	41

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 August 1, 2009)

Casualty Type	Totals	Army	Navy ^a	Marines	Air Force
Hostile	3,442	2,784	62	492	104
Non-hostile					
Total	3,442	2,784	62	492	104
Male	3,414	2,761	60	492	101
Female	28	23	2		3
Total	3,442	2,784	62	492	104
Officer	289	245	6	23	15
E5-E9	1,363	1,118	30	140	75
E1-E4	1,790	1,421	26	329	14
Total	3,442	2,784	62	492	104
Age <22	658	585	6	64	3
22-24	799	733	11	42	13
25-30	880	779	22	41	38
31-35	360	318	11	8	23
>35	358	322	6	3	27
Not Available	387	47	6	334	
Total	3,442	2,784	62	492	104
Active	2,887	2,238	62	490	97
Reserve	78	75		2	1
National Guard	477	471			6
Total	3,442	2,784	62	492	104
American Indian or Alaska Native	40	25	4	10	1
Asian	55	44	2	7	2
Black or African American	192	165	3	18	6
Hispanic or Latino	161	136	1	21	3
Multiple races, pending, or unknown	188	80	8	97	3
Native Hawaiian or Pacific Islander	10	6	2	2	
White	2,796	2,328	42	337	89
Total	3,442	2,784	62	492	104

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 August 1, 2009

Casualty Type	Total	Army	Navy ^a	Marines	Air Force
Killed in Action	2,652	1,897	63	664	28
Died of Wounds ^b	792	603	2	187	
Died While Missing In Action	7	7			
Died While Captured	5	5			
Total Hostile Deaths	3,456	2,512	65	851	28
Accident	526	377	16	120	13
Illness	86	68	8	5	5
Homicide	34	22	4	6	2
Self-Inflicted	192	158	4	29	1
Undetermined	12	10	2		
Pending ^c	14	3	2	9	
Total Non-Hostile Deaths	864	638	36	169	21
Total Deaths	4,320	3,150	101	1,020	49
Total Wounded in Action (WIA)	31,460	21,785	631	8,623	421
Wounded—No Medical Air Transport Required	21,848	14,481	464	6,576	327
Wounded – Medical Air Transport Required	9,612	7,304	167	2,047	94
Total—Non-Hostile Medical Air Transports	38,199	31,745	1,342	3,313	1,799
Non-Hostile Injuries – Medical Air Transport Required	9,999	7,881	374	1,298	446
Disease/Other Medical – Medical Air Transport Required	28,200	23,864	968	2,015	1,353
Total – Medical Air Transports (Hostile and Non-Hostile)	47,811	39,049	1,509	5,360	1,893

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 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 August 1, 2009**

Casualty Type	Totals	Army	Navy^a	Marines	Air Force
Hostile	3,456	2,512	65	851	28
Non-Hostile	864	638	36	169	21
Total	4,320	3,150	101	1,020	49
Male	4,217	3,068	91	1,012	46
Female	103	82	10	8	3
Total	4,320	3,150	101	1,020	49
Officer	415	318	11	75	11
E5-E9	1,415	1,171	47	171	26
E1-E4	2,490	1,661	43	774	12
Total	4,320	3,150	101	1,020	49
Age <22	1,265	771	15	473	6
22-24	1,049	769	17	256	7
25-30	1,099	849	31	203	16
31-35	420	347	16	49	8
>35	487	414	22	39	12
Total	4,320	3,150	101	1,020	49
Active	3,518	2,514	79	881	44
Reserve	317	153	22	139	3
National Guard	485	483			2
Total	4,320	3,150	101	1,020	49
American Indian or Alaska Native	42	27	1	14	
Asian	81	53	5	23	
Black or African American	416	355	11	43	7
Hispanic or Latino	458	296	12	146	4
Multiple races, pending, or unknown	48	39	1	6	2
Native Hawaiian or Pacific Islander	50	41	1	8	
White	3,225	2,339	70	780	36
Total	4,320	3,150	101	1,020	49

Source: <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	3,347	2,465	62	795	25
Non-Hostile	834	619	35	160	20
Total	4,181	3,084	97	955	45
Male	4,079	3,003	87	947	42
Female	102	81	10	8	3
Total	4,181	3,084	97	955	45
Officer	387	307	8	64	8
E5-E9	1,379	1,152	47	155	25
E1-E4	2,415	1,625	42	736	12
Total	4,181	3,084	97	955	45
Age <22	1,226	754	15	451	6
22-24	1,019	752	17	243	7
25-30	1,069	841	28	186	14
31-35	401	334	16	43	8
>35	466	403	21	32	10
Total	4,181	3,084	97	955	45
Active	3,392	2,453	76	822	41
Reserve	308	151	21	133	3
National Guard	481	480			1
Total	4,181	3,084	97	955	45
American Indian or Alaska Native	40	25	1	14	
Asian	79	52	5	22	
Black or African American	393	340	10	36	7
Hispanic or Latino	435	287	11	133	4
Multiple Races, pending or unknown	46	38	1	5	2
Native Hawaiian or Pacific islander	48	40	1	7	
White	3,140	2,302	68	738	32
Total	4,181	3,084	97	955	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	30,912	21,512	619	8,363	418
Non-Hostile					
Total	30,912	21,512	619	8,363	418
Male	30,314	20,988	614	8,322	390
Female	598	524	5	41	28
Total	30,912	21,512	619	8,363	418
Officer	1,807	1,343	34	394	36
E5-E9	10,033	8,053	236	1,519	225
E1-E4	19,072	12,116	349	6,450	157
Total	30,912	21,512	619	8,363	418
Age <22	8,623	5,112	127	3,325	59
22-24	7,731	5,580	148	1,911	92
25-30	7,270	5,721	129	1,294	126
31-35	2,962	2,489	72	351	50
>35	2,763	2,362	90	221	90
Not Available	1,563	248	53	1,261	1
Total	30,912	21,512	619	8,363	418
Active	24,428	16,231	518	7,338	341
Reserve	2,400	1,257	101	1,025	17
National Guard	4,084	4,024			60
Total	30,912	21,512	619	8,363	418
American Indian or Alaska Native	329	211	24	92	2
Asian	503	358	19	123	3
Black or African American	2,572	2,221	39	286	26
Hispanic or Latino	1,924	1,459	20	415	30
Multiple races, pending, or unknown	1,619	668	65	864	22
Native Hawaiian or Pacific Islander	184	145	5	30	4
White	23,781	16,450	447	6,553	331
Total	30,912	21,512	619	8,363	418

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

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 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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