

CRS Report for Congress

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 Persian Gulf War, 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 nine 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 1. Principal Wars in Which the United States Participated:
U.S. Military Personnel Serving and Casualties**

War/ Conflict	Branch of Service	Number Serving	Casualties ^a			
			Total Deaths	Battle Deaths	Other Deaths	Wounds Not Mortal ^b
Revolutionary War^c	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^d	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^d	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	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 ^e	Navy	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
	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

War/ Conflict	Branch of Service	Number Serving	Casualties ^a			
			Total Deaths	Battle Deaths	Other Deaths	Wounds Not Mortal ^b
World War II	Total	16,112,566	405,399	291,557	113,842	671,846
1941-1946 ^b	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	68,207
Korean War	Total	5,720,000	36,574	33,741	2,833	103,284
1950-1953 ^k	Army	2,834,000	29,856	27,731	2,125	77,596
	Navy	1,177,000	658	506	152	1,576
	Marines	424,000	4,508	4,266	242	23,744
	Air Force	1,285,000	1,552	1,238	314	368
Vietnam Conflict	Total	8,744,000	58,209	47,424	10,785	153,303
1964-1973 ^l	Army	4,368,000	38,218	30,957	7,261	96,802
	Navy	1,842,000	2,565	1,631	934	4,178
	Marines	794,000	14,840	13,091	1,749	51,392
	Air Force	1,740,000	2,586	1,745	841	931
Persian Gulf War	Total	2,225,000	382	147	235	467
1990-1991 ^m	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>], accessed on June 27, 2007.

- a. 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.
- b. 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.
- c. Not known, but estimates range from 184,000 to 250,000.
- d. As reported by the Commissioner of Pensions in the annual report for the fiscal year 1903.
- e. 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.
- 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.
- m. Coast Guard numbers are included with Navy. Report does not include one POW (Speicher). 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 ^a	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], accessed on June 27, 2007.

a. Place of casualty, Lebanon.

Table 3. Active Duty Military Deaths — Race/Ethnicity Summary
(as of March 15, 2003)

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	12	151
Asian		241		139		1	15	332
Black or African American		3,075		7,241	3	63	472	5,998
Hispanic or Latino		306				1	24	366
Hispanic or Latino-One or More Races		575		349		14	18	322
More Than One Race or Unknown		2,853		204		3	37	590
Native Hawaiian or Pacific Islander		148		229		2	2	120
White	2	29,272	8	49,802	12	280	1,250	24,699
Total	2	36,574	8	58,190	15	367	1,830	32,578
Percentages^a	F	M	F	M	F	M	F	M
American Indian or Alaska Native		0.3		0.4		0.8	0.7	0.5
Asian		0.7		0.2		0.3	0.8	1.0
Black or African American		8.4		12.4	20.0	17.2	25.8	18.4
Hispanic or Latino		0.8				0.3	1.3	1.1
Hispanic or Latino-One or More Races		1.6		0.6		3.8	1.0	1.0
More Than One Race or Unknown		7.8		0.4		0.8	2.0	1.8
Native Hawaiian or Pacific Islander		0.4		0.4		0.5	0.1	0.4
White	100.0	80.0	100.0	85.6	80.0	76.3	68.3	75.8
Total	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>], accessed on June 27, 2007.

- 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.

**Table 4. U.S. Active Duty Military Deaths, 1980 Through 2006,
Part I, Total Military Personnel**

Calendar Year	Active Duty ^a	Full-Time (est.) Guard-Reserve	Selected Reserve FTE ^b	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	1,613,310	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	1,552,196	891
2002	1,411,200	66,000	149,942	1,627,142	999
2003	1,423,348	66,000	243,284	1,732,632	1,228
2004	1,411,287	66,000	234,629	1,711,916	1,874
2005	1,378,014	66,000	220,000	1,664,014	1,942
2006	1,378,014	66,000	220,000	1,664,014	1,858

Source: Defense Manpower Data Center, Statistical Information Analysis Division, [http://siadapp.dmdc.osd.mil/personnel/CASUALTY/Death_Rates1.pdf], accessed on June 27, 2007.

Notes: As of February 28, 2007 (reflects preliminary counts for 2006 and revised figures for 2004 and 2005).

- a. Official Department of Defense end-strengths as of December 31 for military pay accounts. Excludes full time Guard and Reserve.
- b. 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 2006,
Part II, Cause of Death**

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	1,495		108	446		254		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	168	10	161	3	14
1999	796	436		37	150	13	145		15
2000	758	398		34	138		151	17	20
2001	891	437	3	49	185	1	140	55	21
2002	999	547	18	51	190	6	160		27
2003	1,228	440	344	36	207	16	167		18
2004	1,874	604	739	46	270	19	188		8
2005	1,942	632	739	49	281	72	150		19
2006	1,858	465	753	30	205	238	155		12

Source: Defense Manpower Data Center, Statistical Information Analysis Division, [http://siadapp.dmdc.osd.mil/personnel/CASUALTY/Death_Rates.pdf], accessed on June 27, 2007.

Note: As of February 28, 2007 (reflects preliminary counts for 2006 and revised figures for 2004 and 2005).

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	3,091	23,417	472	1:7.6	1:49.6	1:6.5
Operation Enduring Freedom	352	1,110	37	1:3.2	1:30	1:9.5
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	204,002	2,610	1:1.8	1:78.2	1:44.6

Source: For deaths and wounded: Department of Defense Military Casualties webpage, at [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/castop.htm>]. For amputations: PowerPoint presentation provided by Col. Michael Carino in the Office of the Surgeon General.

- a. Current as of February 9, 2007.
- b. Current as of November 31, 2006.
- c. Individual soldiers may have multiple amputations.

Table 7. Korean War — Casualty Summary
(as of June 15, 2004)

Casualty Type	Total	Army	Air Force	Marines	Navy
Killed in Action	23,615	19,715	209	3,320	371
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	33,741	27,731	1,238	4,267	505
Missing - Presumed Dead	8	4	4		
Other Deaths	2,825	2,121	310	242	154
Total Non-Hostile Deaths	2,833	2,125	314	242	154
Total In-Theater Deaths	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	1,533	1,081	49	255	148
Died of Wounds — No Remains	22	22			
Missing in Action - Declared Dead — No Remains	4,578	3,302	809	373	94
Captured-Declared Dead — No Remains	1,901	1,860	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	8,126	6,274	912	659	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>], accessed on June 27, 2007.

- a. Inclusive dates are June 25, 1950, to July 27, 1953. Casualty dates after the end date represent servicemembers who were wounded during the period and subsequently died as a result of those wounds and those servicemembers 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 June 15, 2004)

Casualty Type	Total	Army	Air Force	Marines	Navy
Killed in Action	40,934	27,047	1,080	11,501	1,306
Died of Wounds	5,289	3,604	51	1,482	152
Missing in Action-Declared Dead	1,085	261	589	98	137
Captured-Declared Dead	116	45	25	10	36
Total Hostile Deaths	47,424	30,957	1,745	13,091	1,631
Missing - Presumed Dead	123	118	0	3	2
Other Deaths	10,662	7,143	841	1,746	932
Total Non-Hostile Deaths	10,785	7,261	841	1,749	934
Total In-Theater Deaths^a	58,209	38,218	2,586	14,840	2,565
Killed in Action — No Remains	622	181	221	123	97
Missing in Action-Declared Dead — No Remains	737	216	366	75	80
Captured-Declared Dead — No Remains	53	32	7	4	10
Non-Hostile Missing-Presumed Dead — No Remains	97	92		3	2
Non-Hostile Other Deaths — No Remains	336	70	30	37	199
Total — No Remains	1,845	591	624	242	388
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>], accessed on June 27, 2007.

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

b. Estimated figures.

**Table 9. Persian Gulf War — Casualty Summary
DesertShield/Desert Storm**
(as of June 15, 2004)

Casualty Type	Total	Army	Air Force	Marines	Navy^{a,b}
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	1,590	608	299	171	512
Total Deaths	1,972	832	334	239	567
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		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>], accessed on June 27, 2007.

- a. Inclusive dates are August 7, 1990, to September 14, 1991. Any casualty date in the detailed records after the end date represents a servicemember who was wounded during the period and subsequently died as a result of those wounds or a servicemember 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 one POW (Speicher).

Tables 10-12 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 servicemembers 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 June 2, 2007)

Casualty Type	Total	Army	Navy ^c	Marines	Air Force
Killed in Action	173	144	16	6	7
Died of Wounds ^a	41	35		4	2
Died While Missing In Action					
Died While Captured					
Total Hostile Deaths	214	179	16	10	9
Accident	139	94	7	22	16
Illness	11	8	2	1	
Homicide	1		1		
Self-Inflicted	17	12	3	2	
Undetermined	5	4	1		
Pending ^b	7	3	2	2	
Total Non-Hostile Deaths	180	121	15	28	16
Total Deaths	394	300	31	38	25
Total Wounded In Action	1,292	1,119	10	93	70
Total Medical Air Transported (Hostile and Non-Hostile)	6,274	4,747	251	407	869

Source: Defense Manpower Data Center, Statistical Information Analysis Division, [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/WOTSUM.pdf>], accessed on June 21, 2007.

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

**Table 11. Operation Enduring Freedom,
Demographics of Military Deaths**
(From October 7, 2001, Through June 2, 2007)

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	214	179	16	10	9
Nonhostile	180	121	15	28	16
Total	394	300	31	38	25
Male	382	294	29	37	22
Female	12	6	2	1	3
Total	394	300	31	38	25
Officer	62	46	6	6	4
E5-E9	180	138	16	11	15
E1-E4	152	116	9	21	6
Total	394	300	31	38	25
Age <22	60	42	3	15	
22-24	72	53	4	8	7
25-30	116	94	9	8	5
31-35	67	51	7	4	5
>35	79	60	8	3	8
Total	394	300	31	38	25
Active	319	230	30	35	24
Reserve	25	21	1	3	
National Guard	50	49			1
Total	394	300	31	38	25
American Indian or Alaska Native	6	3	1	1	1
Asian	5	4	1		
Black or African American	27	20	3	4	
Hispanic or Latino	34	27	2	2	3
Multiple races, pending, or unknown	3	2	1		
Native Hawaiian or Pacific Islander	4	3			1
White	315	241	23	31	20
Total	394	300	31	38	25

Source: Defense Manpower Data Center, Statistical Information Analysis Division, [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/OEFDEATHS.pdf>], accessed on June 21, 2007.

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 June 2, 2007)

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	1,292	1,119	10	93	70
Nonhostile					
Total	1,292	1,119	10	93	70
Male	1,281	1,110	10	93	68
Female	11	9			2
Total	1,292	1,119	10	93	70
Officer	137	117		10	10
E5-E9	553	477	7	19	50
E1-E4	602	525	3	64	10
Total	1,292	1,119	10	93	70
Age <22	207	173	2	30	2
22-24	114	275		27	6
25-30	151	336	3	19	25
31-35	174	147	2	6	19
>35	180	159		3	18
Not Available	40	29	3	8	
Total	1,292	1,119	10	93	70
American Indian or Alaska Native	11	9		1	1
Asian	17	15		2	
Black or African American	69	60		5	4
Hispanic or Latino	69	66		1	2
Multiple races, pending, or unknown	38	26	3	7	2
Native Hawaiian or Pacific Islander	1	1			
White	1,087	942	7	77	61
Total	1,292	1,119	10	93	70

Source: Defense Manpower Data Center, Statistical Information Analysis Division, [http://siadapp.dmdc.osd.mil/personnel/CASUALTY/OEFWIA.pdf], accessed on June 21, 2007.

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

Tables 13-16 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. **Tables 14 and 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 servicemembers 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 June 2, 2007

Casualty Type	Total	Army	Navy ^c	Marines	Air Force
Killed in Action	2,193	1,497	51	626	19
Died of Wounds ^a	652	480	1	171	
Died While Missing In Action	7	7			
Died While Captured	2	2			
Total Hostile Deaths	2,854	1,986	52	797	19
Accident	405	279	10	106	10
Illness	63	53	7	2	1
Homicide	15	10	1	2	2
Self-Inflicted	113	96	3	14	
Undetermined	8	7	1		
Pending ^b	22	3	3	16	
Total Non-Hostile Deaths	626	448	25	140	13
Total Deaths	3,480	2,434	77	937	32
Total Wounded in Action	25,830	16,975	561	8,003	291
Total Medical Air Transported (Hostile and Non-Hostile)	34,778	28,418	987	4,126	1,247

Source: Defense Manpower Data Center, Statistical Information Analysis Division [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/WOTSUM.pdf>], accessed on June 21, 2007.

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

**Table 14. Operation Iraqi Freedom — Military Deaths,
March 19, 2003, Through April 30, 2003**
(As of June 2, 2007)

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	109	47	3	56	3
NonHostile	30	19	1	9	1
Total	139	66	4	65	4
Male	138	65	4	65	4
Female	1	1			
Total	139	66	4	65	4
Officer	28	11	3	11	3
E5-E9	36	19		16	1
E1-E4	75	36	1	38	
Total	139	66	4	65	4
Age <22	33	15		18	
22-24	30	14		16	
25-30	35	13	3	17	2
31-35	19	12		7	
>35	22	12	1	7	2
Total	139	66	4	65	4
Active	126	61	3	59	3
Reserve	9	2	1	6	
National Guard	4	3			1
Total	139	66	4	65	4
American Indian or Alaska Native	2	2			
Asian	2	1		1	
Black or African American	23	15	1	7	
Hispanic or Latino	23	9	1	13	
Multiple races, pending, or unknown	2	1		1	
Native Hawaiian or Pacific Islander	2	1		1	
White	85	37	2	42	4
Total	139	66	4	65	4

Source: [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/OIF-Deaths-Before.pdf>], accessed on June 21, 2007.

Note: The President's statement concerning the end of major combat operations in Iraq can be found in the *Weekly Compilation of Presidential Documents*, May 1, 2003, p. 516.

**Table 15. Operation Iraqi Freedom — Military Deaths,
May 1, 2003, Through June 2, 2007**

(As of June 2, 2007)

Casualty Type	Totals	Army	Navy ^a	Marines	Air Force
Hostile	2,745	1,939	49	741	16
Nonhostile	596	429	24	131	12
Total	3,341	2,368	73	872	28
Male	3,270	2,311	67	866	26
Female	71	57	6	6	2
Total	3,341	2,368	73	872	28
Officer	310	240	6	58	6
E5-E9	1,078	895	32	137	14
E1-E4	1,953	1,233	35	677	8
Total	3,341	2,368	73	872	28
Age <22	794	469	6	316	3
22-24	916	600	15	297	4
25-30	894	677	21	187	9
31-35	343	282	15	41	5
>35	394	340	16	31	7
Total	3,341	2,368	73	872	28
Active	1,646	1,826	54	741	25
Reserve	274	121	19	131	3
National Guard	421	421			
Total	3,341	2,368	73	872	28
American Indian or Alaska Native	35	20	1	14	
Asian	63	37	5	21	
Black or African American	307	265	5	32	5
Hispanic or Latino	353	221	9	120	3
Multiple Races, pending or unknown	41	33		6	2
Native Hawaiian or Pacific islander	34	29		5	
White	2,508	1,763	53	674	18
Total	3,341	2,368	73	872	28

Source: [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/OIF-Deaths-After.pdf>], accessed on June 21, 2007.

Note: After the end of major combat operations.

a. Navy totals include one Coast Guard death.

**Table 16. Operation Iraqi Freedom — Wounded In Action,
March 19, 2003, Through June 2, 2007**

Casualty Type	Totals	Army	Navy	Marines	Air Force
Hostile	25,830	16,975	561	8,003	291
Nonhostile					
Total	25,830	16,975	561	8,003	291
Male	25,340	16,545	557	7,968	270
Female	490	430	4	35	21
Total	25,830	16,975	561	8,003	291
Officer	1,479	1,062	29	370	18
E5-E9	8,232	6,416	196	1,448	172
E1-E4	16,119	9,497	336	6,185	101
Total	25,830	16,975	561	8,003	291
Age <22	6,005	3,128	91	2,758	28
22-24	7,255	4,624	137	2,427	67
25-30	6,537	4,811	137	1,498	91
31-35	2,573	2,076	64	395	38
>35	2,535	2,118	83	268	66
Not Available	925	218	49	657	1
Total	25,830	16,975	561	8,003	291
American Indian or Alaska Native	259		21	72	3
Asian	227	226	17	92	2
Black or African American	2,110	1,843	35	216	16
Hispanic or Latino	1,682	1,248	23	389	22
Multiple races, pending, or unknown	2,377	537	58	1,766	16
Native Hawaiian or Pacific Islander	146	119	4	20	3
White	18,919	12,839	403	5,448	229
Total	25,830	16,975	561	8,003	291

Source: [<http://siadapp.dmdc.osd.mil/personnel/CASUALTY/oif-wounded-total.pdf>], accessed on June 21, 2007.

Additional 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>].

The Women in Military Service to America Memorial (WIMSA) presents casualty data on women in major wars as researched by its historian's office at [<http://www.womensmemorial.org/H&C/Resources/hfaq.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. The Adjutant General of each state is the military commander of the state's national board. The following is a list of these offices.

Alabama

(Acting) Major General John M. White, 1720 Cong. W. L. Dickinson Dr.,
Montgomery, AL 36109, (334)394-7252

Alaska

Major General Craig E. Campbell, P.O. Box 5800, Fort Richardson, AK
99505-0800, (907) 428-6007, craig.campbell2@us.army.mil

American Samoa

Attorney General Sialega Malaetasi Togafau, America Samoa Government, P.O.
Box 7, Pago Pago, AS 96799, (684) 633-4163

Arizona

Major General David P. Rataczak, Emergency and Military Affairs Department,
5636 East McDowell Road, Phoenix, AZ 85008-3495, (602) 267-2710

Arkansas

Major General Bill Wofford, Camp Robinson, North Little Rock, AR
72199-9600, (501) 212-5001, e-mail to assistant:
edie.wilkerson@ar.ngb.army.mil

California

Adjutant General William H. Wade, II, 9800 Goethe Road, Sacramento, CA
95827-9101, (916) 854-3500

Colorado

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

Connecticut

Major General Thaddeus J. Martin, National Guard Armory, 360 Broad Street,
Hartford, CT 06105-3795, (860) 524-4953

Delaware

Major General Francis D. Vavala, USA, National Guard, First Regiment Road,
Wilmington, DE 19808-2191, (302) 326-7001, frank.vavala@us.army.mil

District of Columbia

Commanding General David F. Wherley, Jr., 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

Lieutenant General David B. Poythress, USAF, Defense Department, 935 East Confederate Avenue, SE, Atlanta, GA 30316-0965, (678) 569-6001, david.poythress@ga.ngb.army.mil

Guam

Brigadier General Don Goldhorn, Fort Juan Muna, 622 East Harmon Industrial Park Road, Tamuning GU 96911-4421, (671) 475- 0802

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 Randal E. Thomas, Military Affairs Department, 1301 N. MacArthur Boulevard, Springfield, IL 62702-2399, (217) 761-3500, randal.e.thomas@us.army.mil

Indiana

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

Iowa

Major General Ron Dardis, 7105 NW 70th Avenue, Johnston, IA 50131-1824, (515) 252-4211, ron.dardis@ia.ngb.army.mil

Kansas

Major General Tod Bunting, 2800 SW Topeka Boulevard, Topeka, KS 66611-1287, (785) 274-1001, tod.bunting@us.army.mil

Kentucky

Major General Donald C. Storm, Boone National Guard Center, 100 Minuteman Parkway, Frankfort, KY 40601, (502) 607-1558

Louisiana

Major General Bennett C. Landreneau, USA, 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, John.W.Libby@maine.gov

Maryland

Major General Bruce F. Tuxill, USAF, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201-2288, (410) 576-6097, bruce.tuxill@mdbalt.ang.af.mil

Massachusetts

General Oliver J. Mason, Jr., 50 Maple Street, Milford, MA 01757, (508) 233-6552

Michigan

Major General Thomas Cutler, 3411 North Martin Luther King Boulevard, Lansing, MI 48906, (517) 481-8083

Minnesota

Adjutant General Larry W. Shellito, 20 West 12th Street, St. Paul, MN 55155-2098, (651) 268-8924

Mississippi

Major General Harold A. Cross, P.O. Box 5027, Jackson, MS 39296-5027,
(601) 313-6232, harold.cross@us.army.mil

Missouri

Major General King E. Sidwell, 2302 Militia Drive, Jefferson City, MO 65101-
1203, (573) 638-9710

Montana

Major General Randall Mosley, P.O. Box 4789, Fort Harrison, MT 59636-4789,
(406) 324-3010, randall.mosley@us.army.mil

Nebraska

Major General Roger Lempke, 1300 Military Road, Lincoln, NE 68508-1090,
(402) 309-7210, roger.lempke@us.army.mil

Nevada

Major General Cynthia N. Kirkland, 2460 Fairview Drive, Carson City, NV
89701-5502, (775) 887-7302, cindy.kirkland@nvreno.ang.af.mil

New Hampshire

Major General Kenneth R. Clark, Four Pembroke Road, Concord, NH 03301-
5652, (603) 225-1200, k.clark@us.army.mil

New Jersey

Major General Glenn K. Rieth, USA, 101 Eggert Crossing Road, Lawrenceville,
NJ 08648-2805, (609) 530-6956, glenn.rieth@njdmava.state.nj.us

New Mexico

Brigadier General Kenny C. Montoya, 47 Bataan Boulevard, Santa Fe, NM
87508, (505) 474-1210, Kenny.Montoya@nm.ngb.army.mil

New York

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

North Carolina

Major General William E. Ingram, Jr., USAR, 4105 Reedy Creek Road,
Raleigh, NC 27607-6410, (703) 695-7785

North Dakota

Major General David A. Sprynczynatyk, USA, 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 Harry M. Wyatt, III, 3501 Military Circle, Oklahoma City, OK
73111-4398, (405) 228-5201, harry.wyatt@ok.ngb.army.mil

Oregon

Major General Raymont Fred Rees, 1776 Militia Way, SE, Salem, OR
97309-5047, (503) 584-3991

Pennsylvania

Major General Jessica L. Wright, Building S-O-47, Fort Indiantown Gap,
Annville, PA 17003-5002, (717) 861-8500, Jessica.Wright@pa.ngb.army.mil

Puerto Rico

Adjutant General David Carriyn-Baralt, P.O. Box 9023786, San Juan, PR
00902-3786, (787) 289-1631

Rhode Island

Major General Robert Thomas Bray, 645 New London Avenue, Cranston, RI 02920-3097, (401) 275-4102, robert.bray@us.army.mil

South Carolina

Major General Stanhope S. Spears, One National Guard Road, Columbia, SC 29201-4766, (803) 806-4217, stanhope.spears@sc.ngb.army.mil

South Dakota

Major General Michael A. Gorman, USA, 2823 West Main, Rapid City, SD 57702-8186, (605) 737-6702, michael.gorman@sd.ngb.army.mil

Tennessee

Major General Gus L. Hargett, Jr., USA, Houston Barracks, 3041 Sidco Drive, Nashville, TN 37204-1502, (615) 313-3001, gus.hargett@tn.ngb.army.mil

Texas

Major General Charles G. Rodriguez, P.O. Box 5218, Austin, TX 78763-5218, (512) 782-5006

U.S. Virgin Islands

Brigadier General Eddy L. Charles, Sr., 4031, Lot #1B, La Grande Princesse, Christiansted, St. Croix, VI 00820-4353, (340) 712-7711

Utah

Major General Brian L. Tarbet, USA, P.O. Box 1776, Draper, UT 84020-1776, (801) 523-4401, brian.tarbet@us.army.mil

Vermont

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

Virginia

Brigadier General Robert B. Newman, Jr., Fort Pickett, Building 316, Blackstone, VA 23824-6316, (434) 298-6102

Washington

Major General Timothy J. Lowenberg, Camp Murray, TA-20, Tacoma, WA 98430-5000, (253) 512-8201

West Virginia

Major General Allen E. Tackett, 1703 Coonskin Drive, Charleston, WV 25311-1085, (304) 561-6316, allen.tackett@wv.ngb.army.mil

Wisconsin

Major General Albert Wilkening, USAF, 2400 Wright Street, Madison, WI 53708, (608) 242-3001, al.wilkening@wi.ngb.army.mil

Wyoming

Major General Edward L. Wright, USA, 5500 Bishop Boulevard, Cheyenne, WY 82009-3320, (307) 772-5234, edward.wright@us.army.mil

Source: *The Leadership Library® on the Internet*, a proprietary database, at [<http://ldi.bvdep.com/version-303/default.asp>].

Additional Reading

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

CRS Report RS21578. *Iraq: Summary of U.S. Casualties*, by JoAnne O'Bryant.

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

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

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

Warfare and Armed Conflicts: A Statistical Reference to Casualty and Other Figures (Jefferson, NC, and London: McFarland & Company, Inc., 2001)