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US and Coalition Casualties and Costs of War in Iraq

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This report provides an overview of US official data on casualties in the Iraq War, Coalition casualties and the cost of the war. It was prepared to put the coming benchmark of 2,000 US deaths in perspective, and to highlight the fact that cost and sacrifices in the war go far beyond the number of US dead.

There are several points that should be kept in mind in making use of the data it contains:

- Killed in action is a somewhat artificial category in a nation where high-risk activities are constantly needed to reduce vulnerabilities to attack. Many of the accidents and other deaths listed are just as much a result of combat conditions as actual enemy attacks.
- These figures do include wounded, and show the seriousness of the wound to some effect. Disabling wounds can be as much of a sacrifice as being killed in action. Ignoring the wounded and only counting the dead does a major disservice to those who serve in Iraq.
- The totals do not include what are reported to be more than 8,000 medical evacuees and returnees, a number of which have also made a major sacrifice.
- The data do not include civilians other than Department of Defense employees, and contractors. The total number of contractor deaths seems to be around 270-300. Journalists and NGO personnel are not included. (See <http://icasualties.org/oif/Civ.aspx>)
- Several charts show British and other Coalition dead. The other Coalition dead include 27 Italians, 18 Ukrainians, 17 Poles, 13 Bulgarians, 11 Spaniards, 3 Slovaks, 2 Danes, 2 Netherlanders, 2 Estonians, 2 Thais, 1 Hungarian, 1 Kazak, and 1 Latvian. (<http://icasualties.org/oif/PieCountry.aspx>, and http://en.wikipedia.org/wiki/Multinational_force_in_Iraq) Allied wounded and injured are not shown because the data were not available.
- No accurate figures were available on Iraqi casualties. The best data -- or "guesstimate" seems to be one by Iraq Body count (<http://www.iraqbodycount.net/>), but it is extremely uncertain. The spread of 26,661-30,018 Iraqi killed as of October 20, 2005 is extremely uncertain. The much higher estimates made by some other organizations; however, use methodologies and data bases that are so weak that they simply lack credibility.
- Counts for Iraqi forces killed or wounded are very uncertain. Iraq Body count estimates a total of 3,335 for military, security, and police forces since the war began, and 2135 for 2005 alone. The estimate for casualties since the new Iraqi government was announced on April 28, 2005 is 1,576 Iraqi forces and 4,025 civilians, for a total of 5,600. (<http://icasualties.org/oif/IraqiDeaths.aspx>) Even if these data were reliable, they would not be a fair comparison with Coalition casualties. Iraqi officials are major targets as are men applying to join Iraqi forces, Iraqi notables, and civilians targeted in the effort to provoke a civil war. All deserve recognition as casualties.
- The data on casualty rates are for both killed and wounded. Average US military deaths have averaged 1.7-2.9 per day in the last four months and average 2.2 killed per day for the war.
- The data in pages 10-12 show that only counting killed and ignoring wounded grossly understates the sacrifice and cost of war in an era of advanced medical services and weapons, and disguises the shifts in the intensity of combat. Such media reporting is incompetent and does a serious disservice to those in the field.
- The chart on page 14 illustrates the stress war puts on those who return who have not been wounded. Their sacrifice too deserves recognition.

- The data on US losses in other wars are taken from official Department of Defense sources. They include <http://web1.whs.osd.mil/mmid/casualty/table13.htm>; and <http://web1.whs.osd.mil/mmid/casualty/castop.htm>.
- The data in pages 15 and 16 compare the dollar cost and economic burden imposed by the war. These include only direct outlay costs as reported by the federal budget.

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The History of US Casualties in Military Action

<u>War</u>	<u>Duration</u>	<u>Number Serving</u>	<u>Total Deaths</u>	<u>Battle Deaths</u>	<u>Other Deaths</u>	<u>Serious Wounds</u>
Revolutionary	1775-1783	184,000 -250,000	4,435	4,435	-	6,188
War of 1812	1812-1815	286,730	2,260	2,260	-	4,505
Mexican War	1846-1849	78,718	13,283	1,733	11,550	4,152
Civil War (Union)*	1861-1865	2,213,363	364,511	140,414	224,097	281,811
Spanish-American		306,760	2,446	385	2,061	1,662
World War I	1917-1918	4,734,99	116,516	53,402	63,114	204,002
World War II	1941-1946	16,112,566	405,399	291,557	113,842	671,846
Korean War	1950-1953	5,720,000	36,574	33,741	2,833	103,284
Viet Nam	1964-1973	8,744,00	58,209	47,424	10,785	153,303
Iranian Hostage	8-25-1989	-	8	-	8	-
Lebanon	1982-1984	-	265	256	9	-
Grenada	1983	-	19	18	1	-
Panama	1989	-	23	23	-	-
Gulf War	1990-1991	2,225,000	382	147	235	467
Somalia	1992-1994	-	43	29	14	-
Haiti	1994-1996	-	4	-	4	-

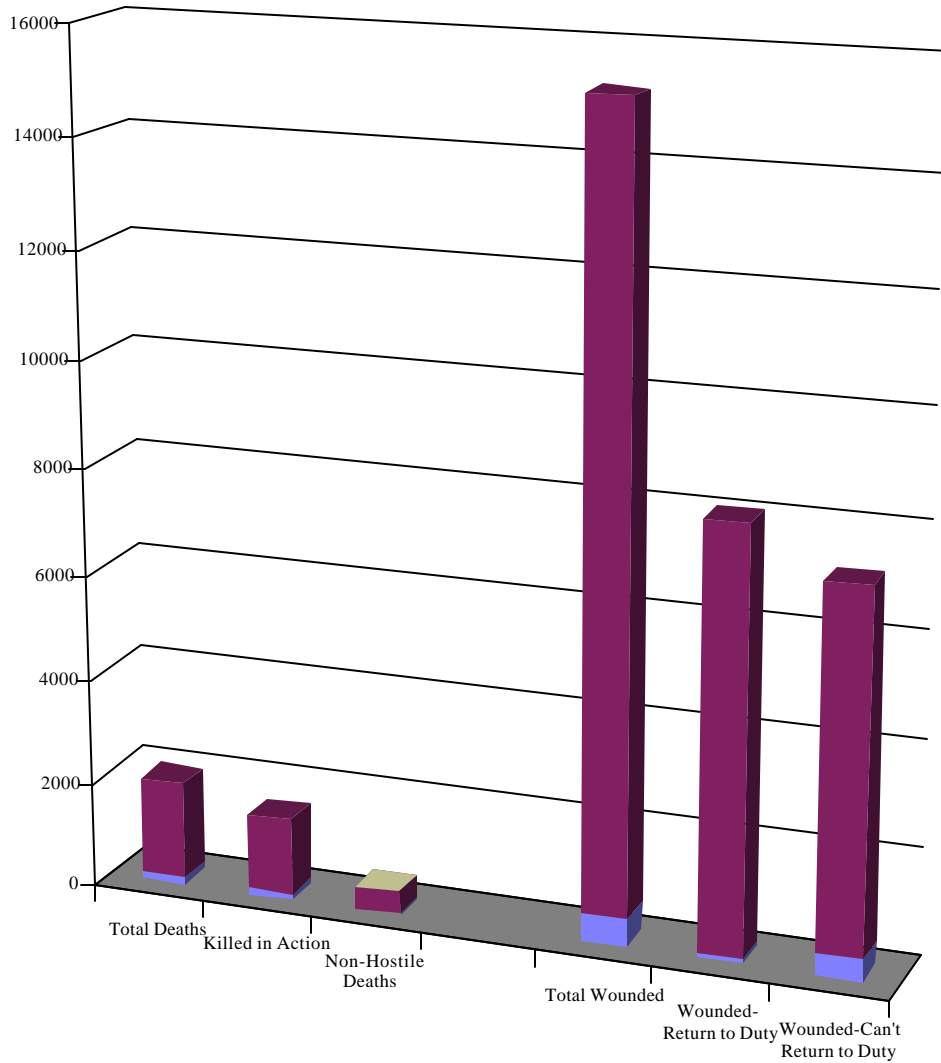
* Confederate data are uncertain. Some 600,000-1,500,000 served. Reports indicate 133,821 Confederate deaths (74,524 battle and 59,297 other). Some 26,000-31,000 Confederates died in Union Prisons

**Coast Guard included in Navy totals

Source: Department of Defense, <http://web1.whs.osd.mil/mmid/casualty/castop.htm>

Total US Casualties in Iraq

(Department of Defense Count as of October 20, 2005)



	Total Deaths	Killed in Action	Non-Hostile Deaths		Total Wounded	Wounded-Return to Duty	Wounded-Can't Return to Duty
DoD Civilians	*5	*5	0		-	-	-
1 May 03 Onwards	1833	1427	406		14678	7945	6733
Combat 19/3-30/4 03	139	109	30		542	116	426

Source: Department of Defense --Defenselink. Wounded- Can't return to Duty is defined as a casualty serious enough so that the person involved cannot return to duty within 72 hours. Also see <http://web1.whs.osd.mil/mm/casualty/castop.htm>

US Military Casualties By Type: March 19, 2003 - October 15, 2005

Type/Cause	Total	Army	Navy***	Marines	Air Force
Killed in Action	1,170	740	23	398	9
Died of Wounds*	355	280	1	74	
Died While Missing in Action	7	7			
Died While Captured	2	2			
TOTAL HOSTILE DEATHS	1,534	1,029	24	472	9
Accident	299	202	6	83	8
Illness	42	35	5	1	1
Homicide	10	7	1	1	1
Self-Inflicted	48	40	1	7	
Undetermined	2	2			
Pending**	35	27	3	4	1
TOTAL NON-HOSTILE DEATHS	436	313	16	96	11
TOTAL DEATHS	1,970	1,342	40	568	20
Wounded - Returned to Duty					
Within 72 Hrs	8,061	4,821	210	2,925	105
Wounded - Not Returned to Duty Within 72 Hrs	7,159	5,132	99	1,843	85
TOTAL WOUNDED - NOT MORTAL	15,220	9,953	309	4,768	190

* Includes died of wounds where wounding occurred in theater and death occurred elsewhere.

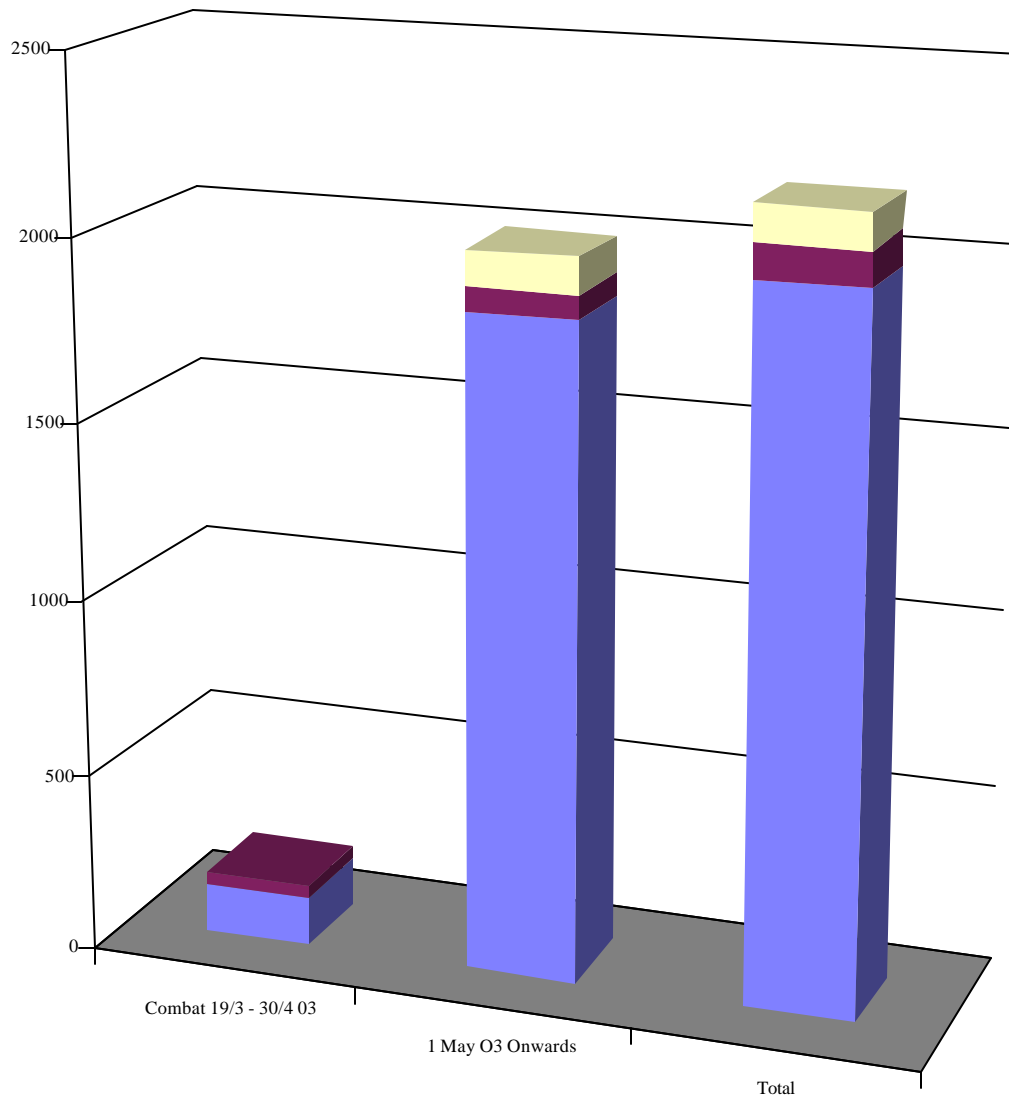
** Pending means final category to be determined at a later date.

*** Navy totals include one Coast Guard death

Prepared by: Defense Manpower Data Center, Statistical Information Analysis Division

Total Coalition Killed in Iraq

(Department of Defense Count as of October 20, 2005 for US, AP Count for Non-US Forces)

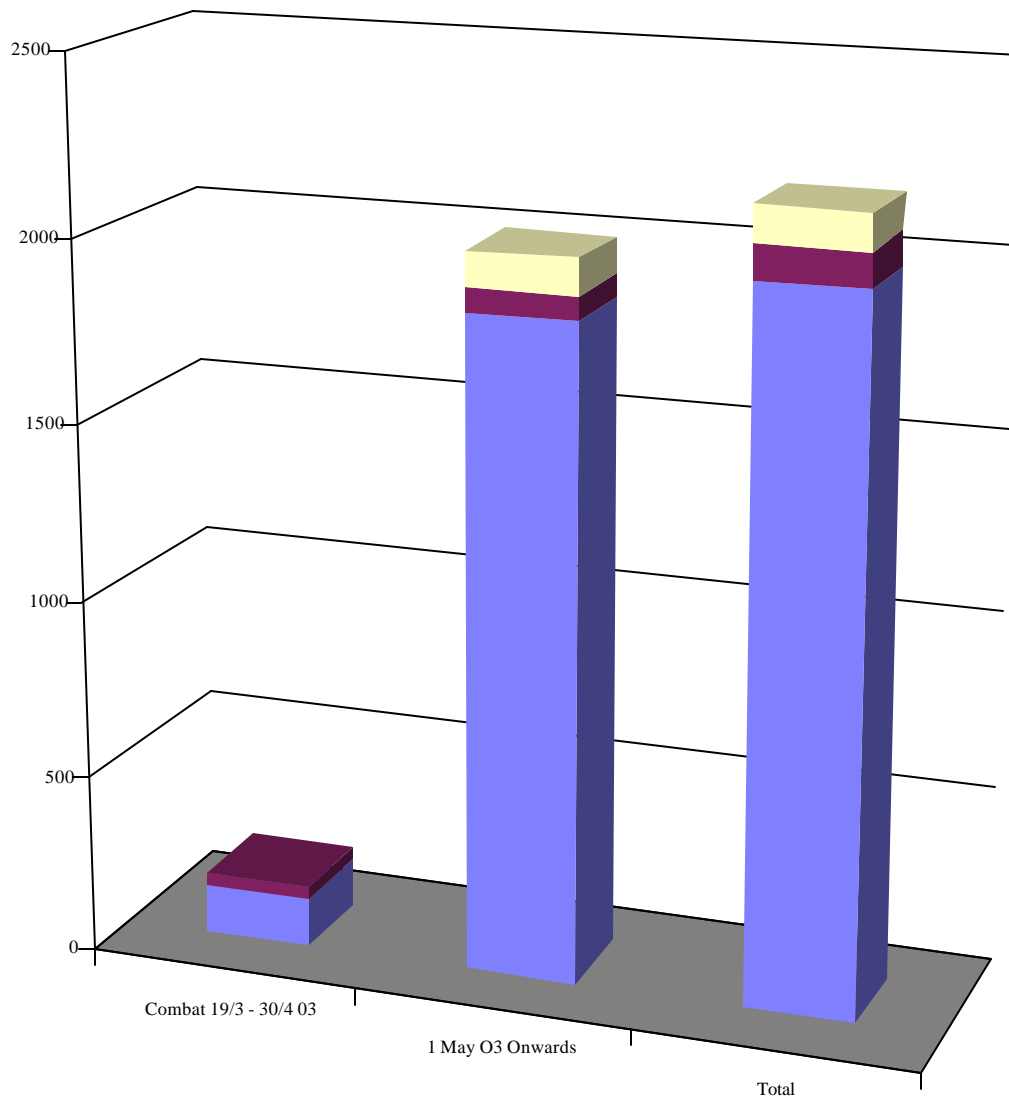


	Combat 19/3 - 30/4 03	1 May 03 Onwards	Total
DoD Civilians		101	101
British	33	64	97
US	139	1833	1972

Source: Department of Defense --Defenselink. Also see Department of Defense, <http://web1.whs.osd.mil/mmid/casualty/castop.htm>

Total US Killed in Iraq

(Department of Defense Count as of October 20, 2005)

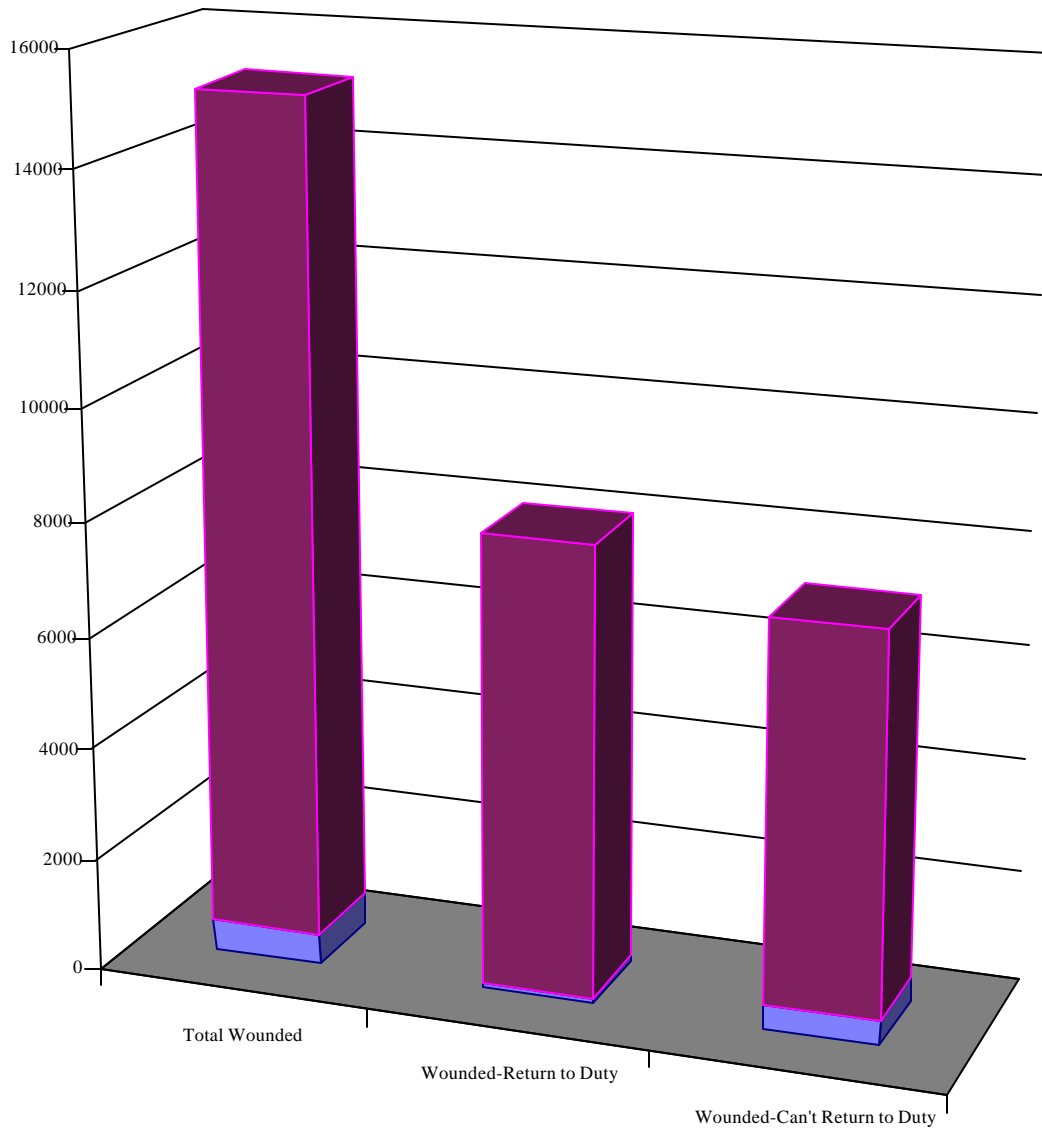


	Combat 19/3 - 30/4 03	1 May 03 Onwards	Total
DoD Civilians		101	101
British	33	64	97
US	139	1833	1972

Source: Department of Defense --Defenselink. Also see Department of Defense, <http://web1.whs.osd.mil/mmid/casualty/castop.htm>

Total US Wounded in Iraq

(Department of Defense Count as of October 20, 2005)



	Total Wounded	Wounded-Return to Duty	Wounded-Can't Return to Duty
■ 1 May 03 Onwards	14678	7945	6733
■ Combat 19/3-30/4 03	542	116	426

Source: Department of Defense --Defenselink. Wounded- Can't return to Duty is defined as a casualty serious enough so that the person involved cannot return to duty within 72 hours. Does not include over 8,000 who left Iraq due to illness,

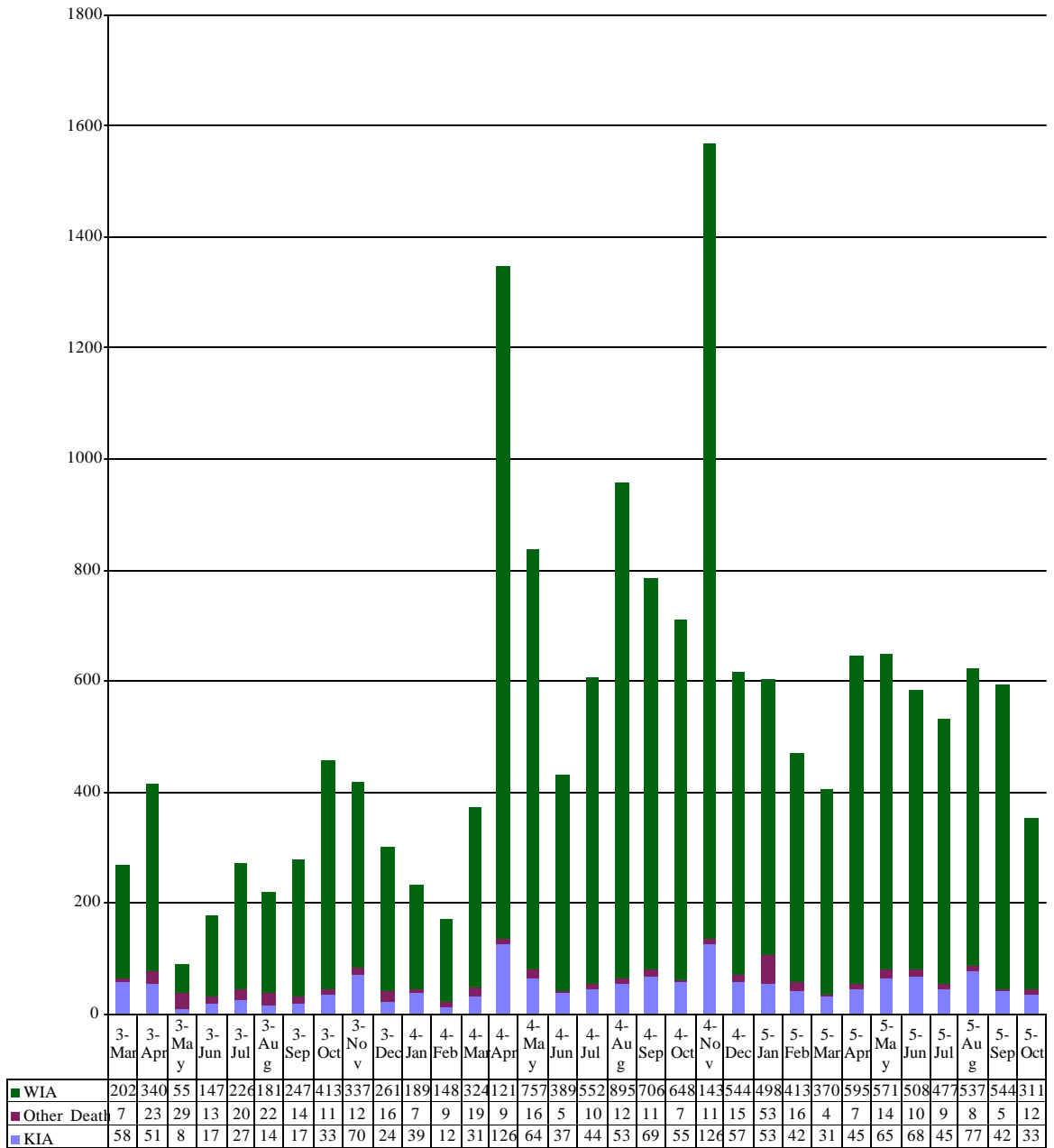
US Casualties by Month: March 19, 2003 Through October 15, 2005

Month/Year	KIA/Died of Wounds					Accidents/Other Deaths					Wounded in Action				
	TOT	A	N	MC	AF	TOT	A	N	MC	AF	TOT	A	N	MC	AF
March 2003	58	17	2	39		7	4		2	1	202	77	7	117	1
April 2003	51	30	1	17	3	23	15	1	7		340	196	5	137	2
May 2003	8	6		1	1	29	19		10		55	52		2	1
June 2003	17	16		1		13	8	3	2		147	140		7	
July 2003	27	27				20	15	1	3	1	226	215		11	
August 2003	14	13	1			22	22				181	165		16	
September 2003	17	17				14	13			1	247	245	1		1
October 2003	33	33				11	10	1			413	413			
November 2003	70	70				12	12				337	317			20
December 2003	24	24				16	16				261	260		1	
January 2004	39	39				7	7				189	183	1	2	3
February 2004	12	12				9	8			1	148	142		5	1
March 2004	31	23		8		19	15	1	3		324	191	5	125	3
April 2004	126	68	6	51	1	9	8		1		1,212	689	29	487	7
May 2004	64	44	5	15		16	12		3	1	757	518	46	188	5
June 2004	37	25		12		5	4		1		589	369	6	197	17
July 2004	44	26		17	1	10	6		4		552	305	14	227	6
August 2004	53	25		27	1	12	6		6		895	478	18	385	14
September 2004	69	40	1	28		11	4	1	5	1	706	415	17	262	12
October 2004	56	36		20		7	6		1		648	316	10	315	7
November 2004	126	44	1	80	1	11	7		4		1,423	575	42	779	27
December 2004	57	34	1	22		15	10	1	4		544	314	8	219	3
January 2005	53	35	1	17		53	19	2	32		498	335	14	143	6
February 2005	42	35		7		16	13		2	1	413	286	13	109	5
March 2005	31	27		4		4	4				370	265	6	94	5
April 2005	45	35	1	9		7	6		1		595	403	17	161	14
May 2005	65	42	1	22		14	8		2	4	571	399	15	154	3
June 2005	68	40	2	26		10	9		1		508	362	9	123	14
July 2005	45	36	1	8		9	8		1		477	344	7	121	5
August 2005	77	48		29		8	7		1		537	403	9	122	3
September 2005	42	40		2		5	3	2			544	383	8	152	1
October 2005	33	22		10	1	12	9	2	1		311	198	2	107	4
TOTALS	1,534	1,029	24	472	9	436	313	16	96	11	15,220	9,953	309	4,768	190

Prepared by: Defense Manpower Data Center, Statistical Information Analysis Division

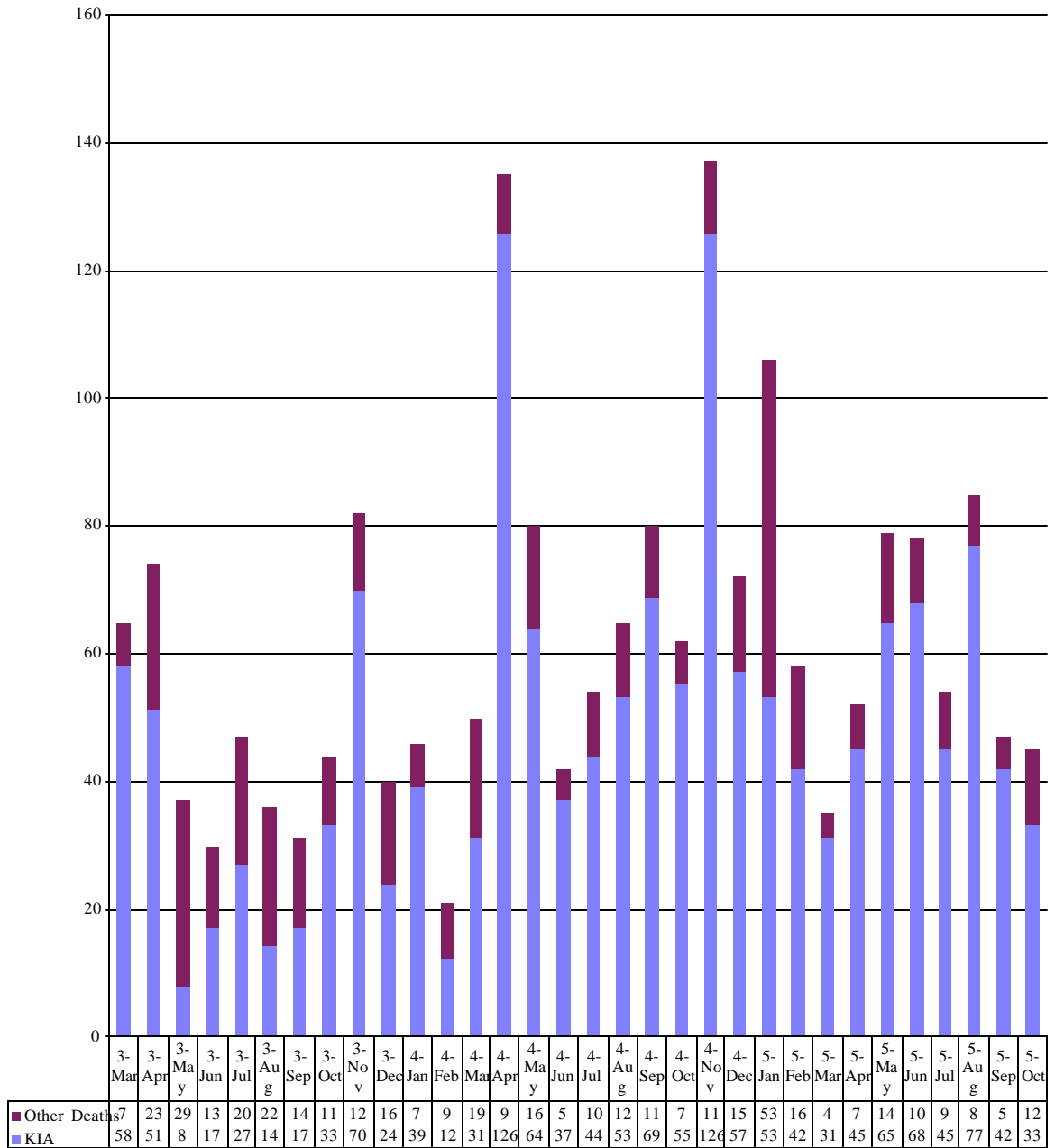
* Prior data subject to change --- Navy totals include one Coast Guard death --- A=Army, N=Navy, MC=Marine Corps, AF=Air Force

Trends in Total US Casualties by Month



Prepared by: Defense Manpower Data Center, Statistical Information Analysis Division

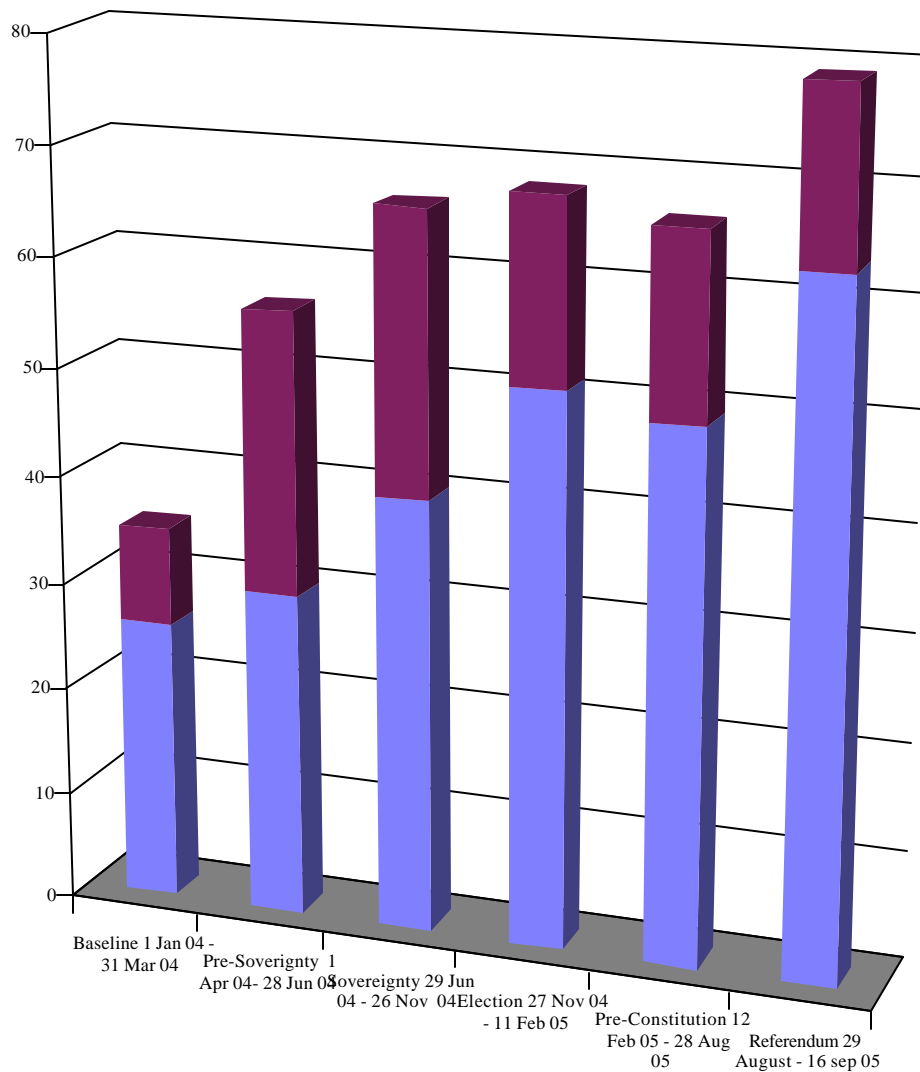
Trends in US Killed by Month



Prepared by: Defense Manpower Data Center, Statistical Information Analysis Division

Casualty Patterns By Period Over Time

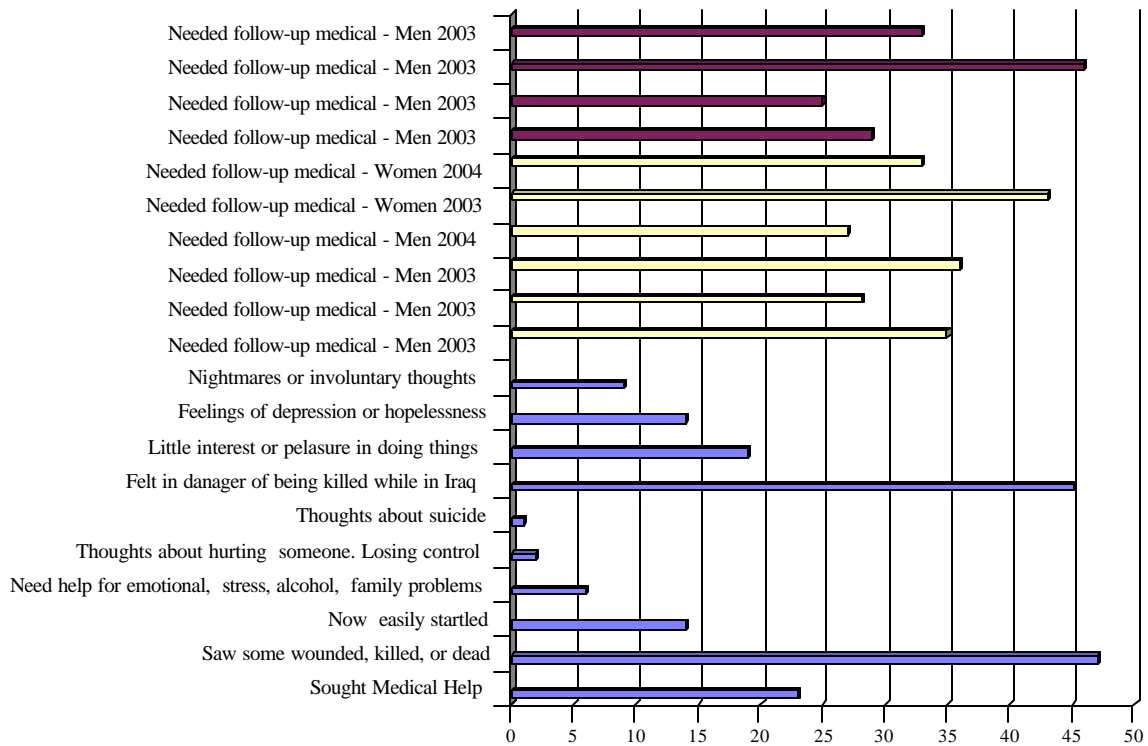
(MNSTC-I Estimate of Daily Killed and Wounds of September 20, 2005)



	Baseline 1 Jan 04 - 31 Mar 04	Pre-Sovereignty 1 Apr 04- 28 Jun 04	Sovereignty 29 Jun 04 - 26 Nov 04	Election 27 Nov 04 - 11 Feb 05	Pre-Constitution 12 Feb 05 - 28 Aug 05	Referendum 29 August - 16 sep 05
Coalition	9	26	26	17	17	16
Iraqi	26	30	40	51	49	63

Source: Department of Defense --Defenselink.

Medical and Psychological Impact on Returning US Forces (In Percent)

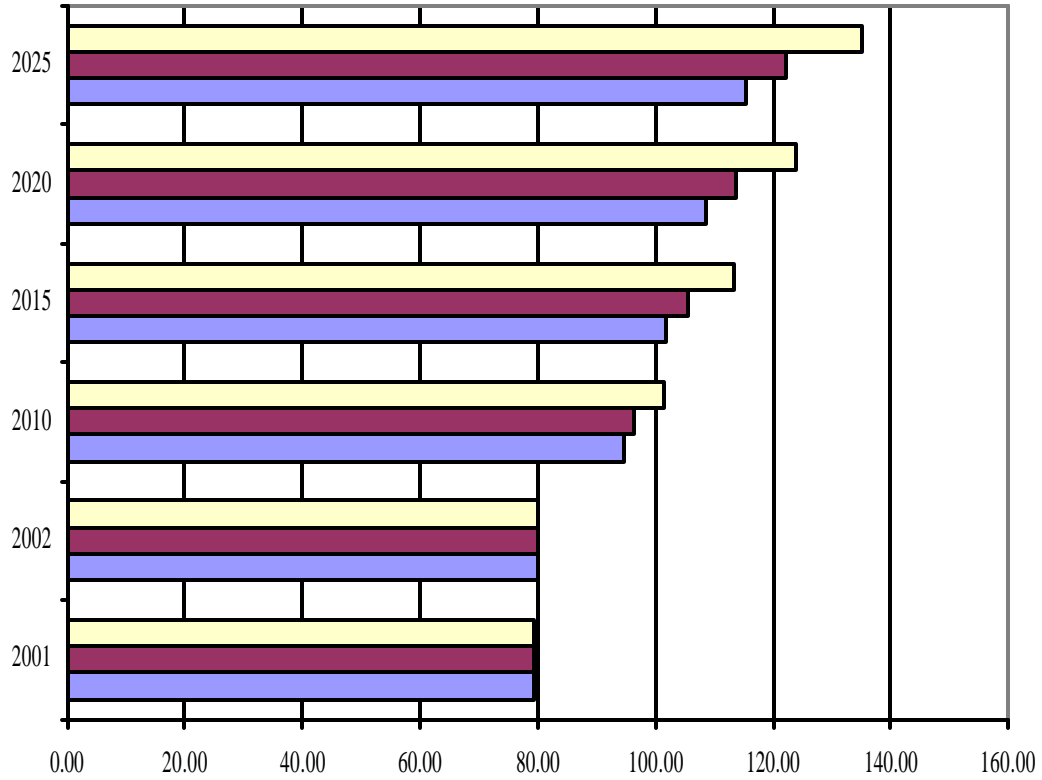


Source: USA Today: October 19, 2005, p. 1 and 11. Based on Department of Defense Post-Deployment Health Assessment survey of 193,131 personnel,

Note that medical includes both physical and psychological problems.

The Cost in Dollars
Incremental and Unanticipated Spending on Iraq and the Global War on
Terrorism: 2001-2005

\$US Current Billions

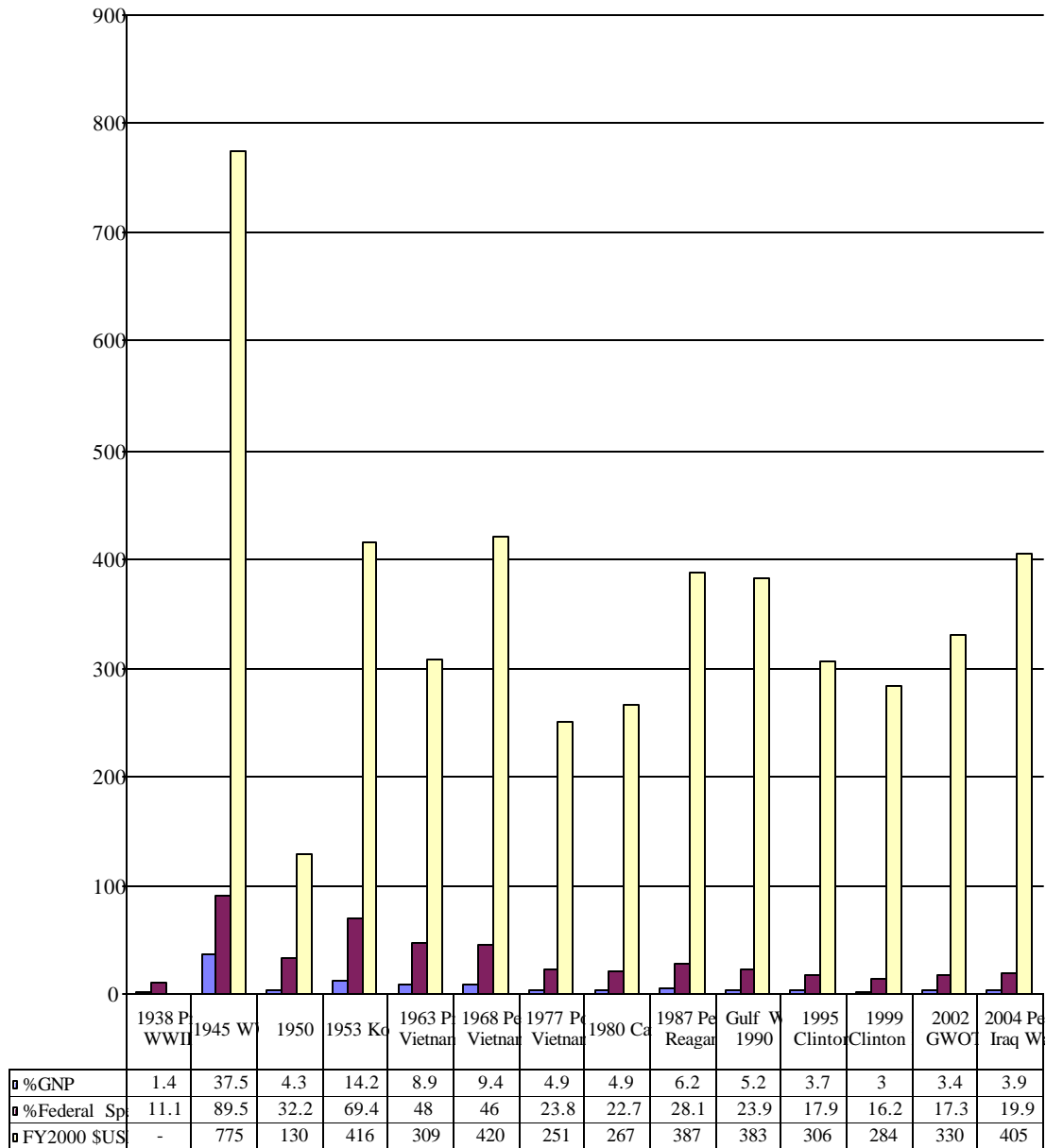


	2001	2002	2010	2015	2020	2025
Low Price Case	79.30	80.00	101.60	113.30	123.90	135.20
Reference Case	79.30	80.00	96.50	105.40	113.60	122.20
High Price Case	79.30	80.00	94.60	101.80	108.50	115.50

Source: General Accounting Office, "Global War on Terrorism," GAO-05-882, September 2005, p. 34

National Defense Spending in Constant Dollars, and as a Percent of GNP and Total Federal Spending in Previous Conflicts and Crisis

(Total Federal Outlays)



Source: Office of the Under Secretary of Defense (Comptroller), National Defense Budget Estimates for FY2006, Washington, Department of Defense, April 2005, Table 7-2. Budget Total is for entire national defense, and not just Department of Defense

