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Iraq Index *Tracking Variables of* *Reconstruction & Security in Post-Saddam Iraq*

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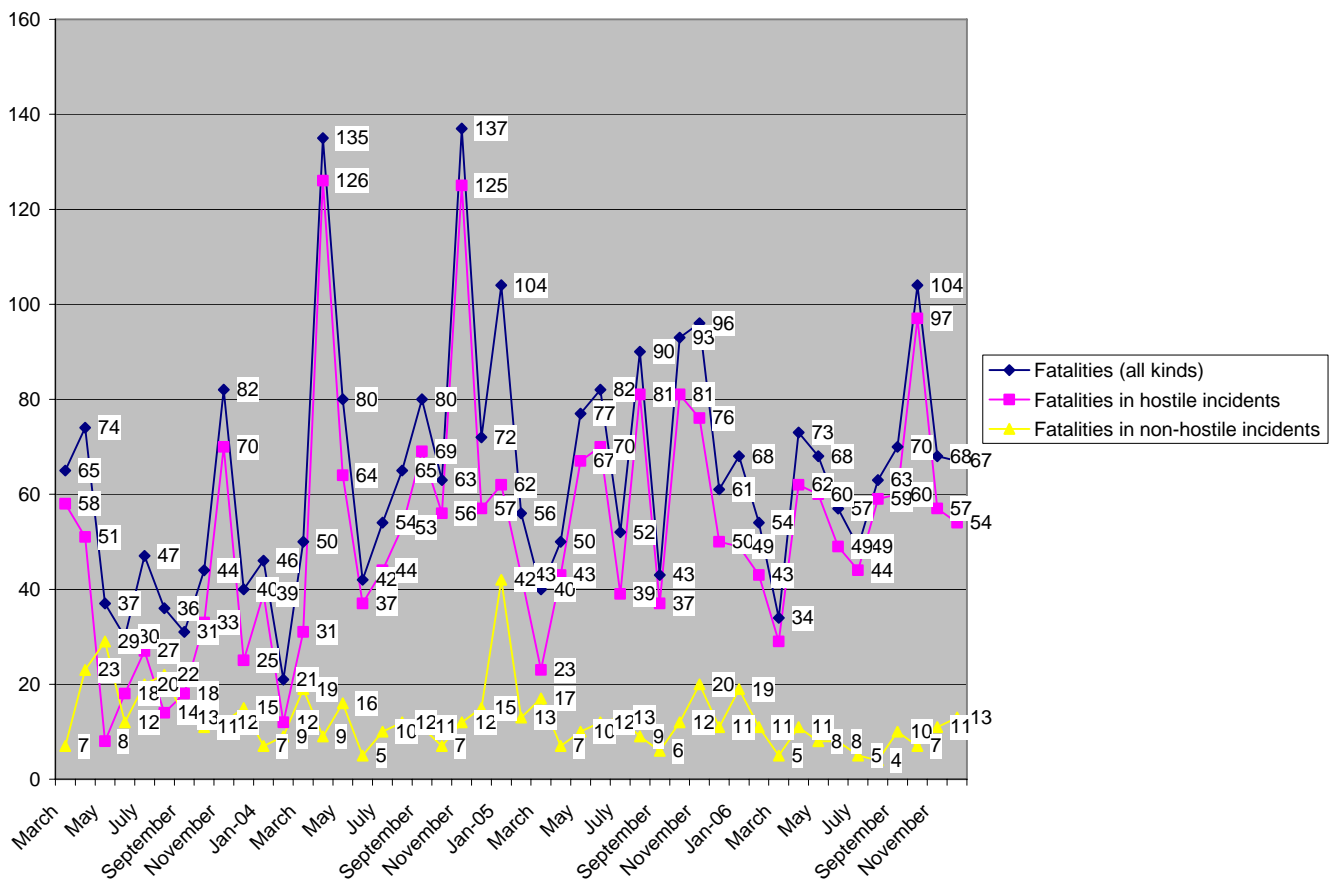
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NOTE ON THE METHODOLOGY OF THE IRAQ INDEX:

Although the footnotes to the Iraq Index document our sources in detail, it is worth noting here a few broad points. The majority of our information comes from the U.S. Government, though we must often analyze it and process it further to show trends over the full period since Saddam Hussein fell in 2003. Some information comes from foreign journalists on the ground and from nongovernmental organizations; a very modest amount to date comes from Iraqi sources. Most tables and charts are straightforward representations of data as we obtain it from the above primary sources, with only modest further analysis and processing required. However, a few graphics, such as those on crime and unemployment rates, require more methodological work (and more assumptions) on our part—and are as a result also perhaps somewhat less precise than most of the tables and charts.

SECURITY INDICATORS

U.S. TROOP FATALITIES SINCE MARCH 19, 2003¹



Total from March 19, 2003 (start of major combat operations) through December 20, 2006:

Fatalities (all kinds): **2,950**
 Fatalities in hostile incidents: **2,370**
 Fatalities in non-hostile incidents: **580**

NOTE ON U.S. TROOP FATALITIES SINCE MARCH 19, 2003 TABLE:

The daily Department of Defense casualty reports that we use for our monthly estimates on U.S. troops killed doesn't make entirely clear when in a 24 hour period casualties were incurred. Since the reports are published 10 AM daily, there is the possibility that our numbers for January 2005 and onwards are slightly off due to uncertainties about whether casualties occurred on the first and last day of each month. We have chosen to interpret the numbers in the casualty report as representing fatalities that occurred throughout the previous day. Total fatalities include seven civilians working for the Department of Defense.

CAUSE OF DEATH FOR US TROOPS²

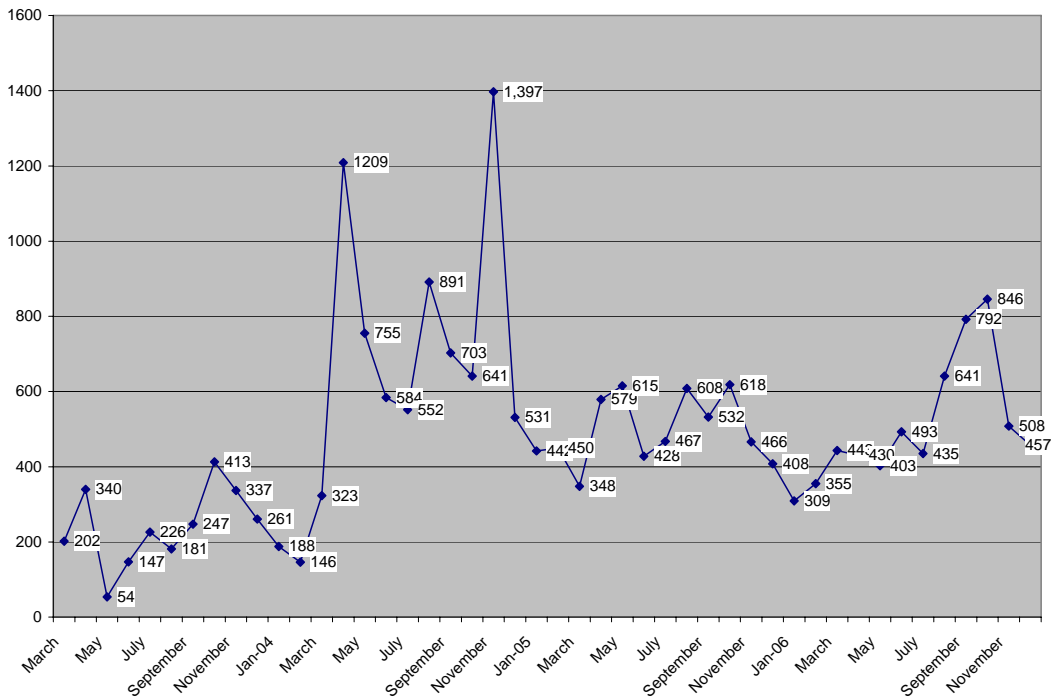
Month	Improvised Explosive Device	Car Bombs	Mortars And Rockets	Rocket Propelled Grenades	Helicopter Losses*	Other Hostile Fire	Non-Hostile Causes*	Total
March 03	0 (0%)	0 (0%)	0 (0%)	0 (0%)	8 (12.3%)	50 (76.9%)	7 (10.8%)	65
April	0 (0%)	0 (0%)	3 (4.1%)	4 (5.4%)	8 (10.8%)	41 (55.4%)	18(24.3%)	74
May	0 (0%)	0 (0%)	0 (0%)	0 (0%)	7 (18.9%)	6 (16.2%)	24 (64.9%)	37
June	0 (0%)	0 (0%)	0 (0%)	4 (13.3%)	0 (0%)	14 (46.6%)	12 (40.0%)	30
July	4 (8.3%)	0 (0%)	0 (0%)	9 (18.8%)	0 (0%)	15 (31.3%)	20 (41.7%)	48
August	7 (20%)	0 (0%)	0 (0%)	2 (5.7%)	0 (0%)	7 (20%)	19 (54.3%)	35
September	5 (16.1%)	0 (0%)	2 (6.5%)	2 (6.5%)	1 (3.2%)	9 (29%)	12 (38.7%)	31
October	13 (29.5%)	0 (0%)	4 (9.1%)	2 (4.5%)	0 (0%)	14 (31.8%)	11 (25%)	44
November	20 (24.4%)	0 (0%)	1 (1.2%)	1 (1.2%)	39 (47.6%)	8 (9.8%)	13 (15.8%)	82
December	18 (45%)	1 (2.5%)	2 (5%)	0 (0%)	0 (0%)	4 (10%)	15 (37.5%)	40
January 04	20 (42.6%)	3 (6.4%)	4 (8.5%)	1 (2.1%)	14 (29.8%)	4 (8.5%)	1 (2.1%)	47
February	9 (45%)	0 (0%)	2 (10%)	0 (0%)	2 (10%)	3 (15%)	4 (20%)	20
March	19 (36.5%)	0 (0%)	4 (7.7%)	0 (0%)	0 (0%)	12 (23.1%)	17 (32.7%)	52
April	16 (11.9%)	10 (7.4%)	7 (5.2%)	13 (9.6%)	2 (1.5%)	78 (57.8%)	9 (6.7%)	135
May	21 (26.3%)	2 (2.5%)	12 (15%)	2 (2.5%)	0 (0%)	25 (31.3%)	18 (22.5%)	80
June	12 (28.6%)	2 (4.8%)	7 (16.7%)	1 (2.4%)	0 (0%)	15 (35.7%)	5 (11.9%)	42
July	17 (31.5%)	2 (3.7%)	7 (13%)	2 (3.7%)	0 (0%)	16 (29.6%)	10 (18.5%)	54
August	16 (24.2%)	0 (0%)	2 (3%)	4 (6.1%)	2 (3%)	33 (50%)	9 (13.6%)	66
September	15 (18.8%)	11(13.8%)	4 (5%)	2 (2.5%)	0 (0%)	37 (46.3%)	11 (13.8%)	80
October	12 (19%)	19 (30.2%)	2 (3.2%)	4 (6.3%)	2 (3.2%)	19 (30.2%)	5 (7.9%)	63
November	18 (13.1%)	6 (4.4%)	4 (2.9%)	4 (2.9%)	0 (0%)	93 (67.9%)	12 (8.8%)	137
December	14 (19.4%)	2 (2.8%)	1 (1.4%)	0 (0%)	2 (2.8%)	41 (56.9%)	12 (16.7%)	72
January 05	29 (27.1%)	3 (2.8%)	3 (2.8%)	8 (7.5%)	33 (30.8%)	11 (10.3%)	20 (18.7%)	107
February	25 (43.1%)	1 (1.7%)	1 (1.7%)	0 (0%)	0 (0%)	15 (25.9%)	16 (27.6%)	58
March	13 (37.1%)	7 (20%)	1 (2.9%)	0 (0%)	0 (0%)	10 (28.6%)	4 (11.4%)	35
April	20 (38.5%)	7 (13.5%)	5 (9.6%)	2 (3.8%)	0 (0%)	12 (23.1%)	6 (11.5%)	52
May	33 (41.2%)	10 (12.5%)	6 (7.5%)	2 (2.5%)	2 (2.5%)	14 (17.5%)	13 (16.3%)	80
June	36 (46.2%)	8 (10.3%)	2 (2.6%)	3 (3.8%)	2 (2.6%)	18 (23.1%)	9 (11.5%)	78
July	36 (66.7%)	2 (3.7%)	3 (5.6%)	0 (0%)	0 (0%)	4 (7.4%)	9 (16.7%)	54
August	40 (47.1%)	7 (8.2%)	1 (1.2%)	0 (0%)	0 (0%)	27 (31.8%)	10 (11.8%)	85
September	37 (75.5%)	0 (0%)	2 (4.1%)	0 (0%)	0 (0%)	3 (6.1%)	7 (14.3%)	49
October	57 (59.4%)	2 (2.1%)	7 (7.3%)	0 (0%)	0 (0%)	11 (11.5%)	19 (19.8%)	96
November	40 (47.6%)	6 (7.1%)	0 (0%)	0 (0%)	2 (2.4%)	24 (28.6%)	12 (14.3%)	84
December	42 (61.8%)	3 (4.4%)	2 (2.9%)	1 (1.5%)	2 (2.9%)	9 (13.2%)	9 (13.2%)	68
January 06	24 (38.7%)	3 (4.8%)	0 (0%)	1 (1.6%)	13 (21%)	10 (16.1%)	11 (17.7%)	62
February	36 (65.5%)	2 (3.6%)	1 (1.8%)	0 (0%)	0 (0%)	7 (12.7%)	9 (16.4%)	55
March	12 (38.7%)	1 (3.2%)	3 (9.7%)	1 (3.2%)	0 (0%)	9 (29%)	5 (16.1%)	31
April	45 (59.2%)	1 (1.3%)	1 (1.3%)	1 (1.3%)	2 (2.6%)	15 (19.7%)	11 (14.5%)	76
May	36 (52.2%)	2 (2.9%)	0 (0%)	0 (0%)	4 (5.8%)	17 (24.6%)	10 (14.5%)	69
June	33 (54.1%)	0 (0%)	1 (1.6%)	0 (0%)	0 (0%)	23 (37.7%)	4 (6.6%)	61
July	21 (48.8%)	3 (6.9%)	0 (0%)	1 (2.3%)	0 (0%)	13 (30.2%)	5 (11.6%)	43
August	29 (44.6%)	0 (0%)	0 (0%)	0 (0%)	2 (3.1%)	29 (44.6%)	5 (7.7%)	65
September	29 (40.8%)	4 (5.6%)	1 (1.4%)	1 (1.4%)	0 (0%)	26 (36.6%)	10 (14.1%)	71
October	52 (49.5%)	0 (0%)	0 (0%)	1 (1%)	0 (0%)	46 (43.8%)	6 (5.7%)	105
November	38 (54.3%)	0 (0%)	0 (0%)	0 (0%)	2 (2.9%)	22 (31.4%)	8 (11.4%)	70
December	39 (55.7%)	0 (0%)	0 (0%)	1 (1.4%)	5 (7.1%)	19 (27.1%)	6 (8.6%)	70
Total	1,058 (35.8%)	130 (4.4%)	108 (3.7%)	80 (2.7%)	156 (5.3%)	938 (31.7%)	488 (16.5%)	2,958

NOTE ON CAUSE OF DEATH DETAIL TABLE: Through December 20, 2006 Helicopter losses include deaths caused by both non-hostile helicopter accidents and helicopters downed by hostile fire. Hostile losses were as follows: 3/03 (8 killed); 4/03 (2); 11/03 (39); 1/04 (10); 4/04 (2); 5/05 (2); 6/05 (2); 11/05 (2); 1/06 (4); 4/06 (2); 5/06 (2) total: 75. Non-hostile losses were as follows: 4/03 (6); 5/03 (7); 9/03 (1); 1/04 (4); 2/04 (2); 8/04 (2); 10/04 (2); 12/04 (2); 1/05 (33); 12/05 (2); 1/06 (9); 5/06 (2); 8/06 (2); 11/06 (2); 12/06 (5) total: 80. The "Non-Hostile Causes" data then does not include non-hostile helicopter losses. The total number of deaths as listed here may vary slightly from the Total Fatalities listed under "US Troop Fatalities Since March 19, 2003" because the two charts use data from different sources. Any discrepancy is likely to be a result of a difference in the cut-off time until which data was included each day and at the end of the month.

AMERICAN MILITARY FATALITIES BY CATEGORY MARCH 19, 2003 – DECEMBER 2, 2006³

Category	Total fatalities as of December 2, 2006: 2,888
Gender	Male: 2,828 Female: 60
Age	Younger than 22: 864 22-24: 681 25-30: 702 31-35: 301 Older than 35: 340
Component	Active: 2,251 Reserve: 250 National Guard: 387
Military service	Army: 1,961 Marines: 838 Navy: 61 Air Force: 27 Coast Guard: 1
Officers/Enlisted	Officer: 291 E5-E9: 927 E1-E4: 1,670
Race/Ethnicity	American Indian or Alaska Native: 30 Asian: 53 Black or African American: 280 Hispanic or Latino: 323 Multiple races, pending or unknown: 36 Native Hawaiian or Pacific Islander: 28 White: 2,138

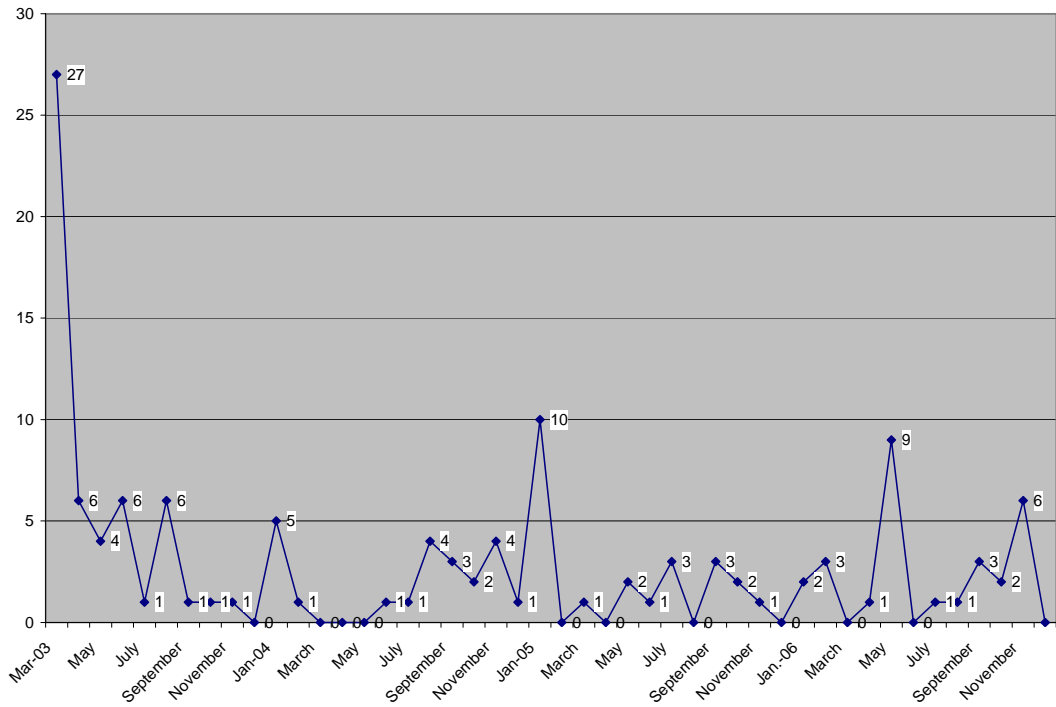
U.S. TROOPS WOUNDED IN ACTION SINCE MARCH 2003⁴



Total from March 19, 2003 through December 20, 2006: 22,401

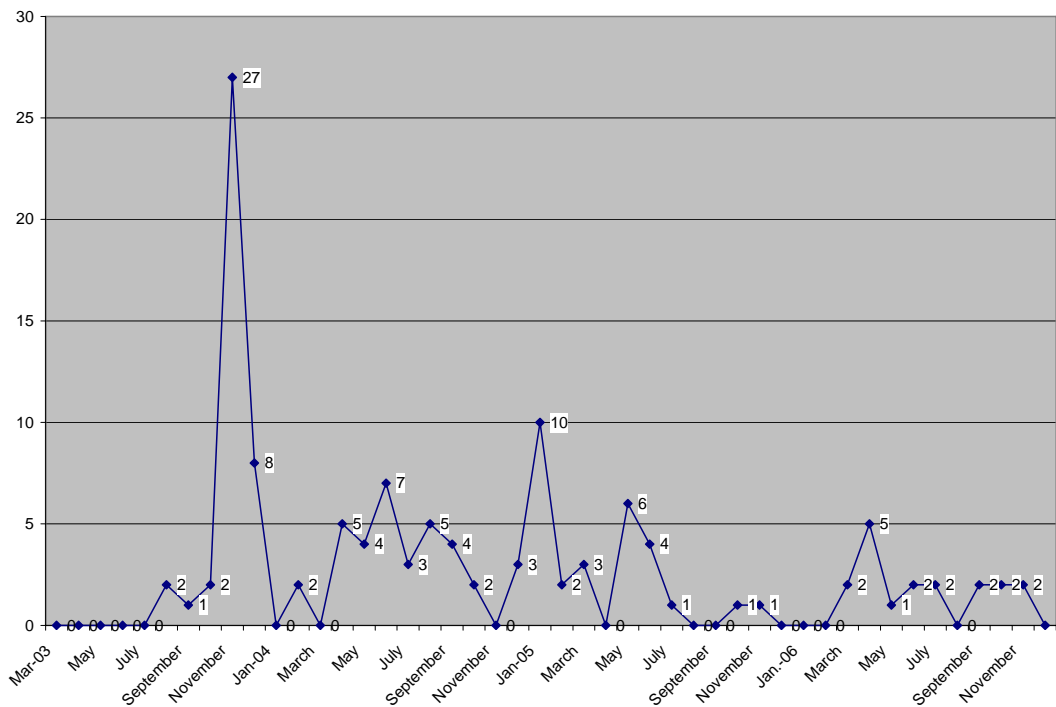
The daily Department of Defense casualty reports that we use for our monthly estimates on U.S troops wounded does not make it entirely clear when in a 24-hour period casualties were incurred. Since the reports are published at 10AM daily, there is possibility that our numbers for January 2005 and onwards are slightly off due to uncertainties about whether casualties occurred on the first or the last of each month.

BRITISH MILITARY FATALITIES SINCE MARCH 19, 2003⁵



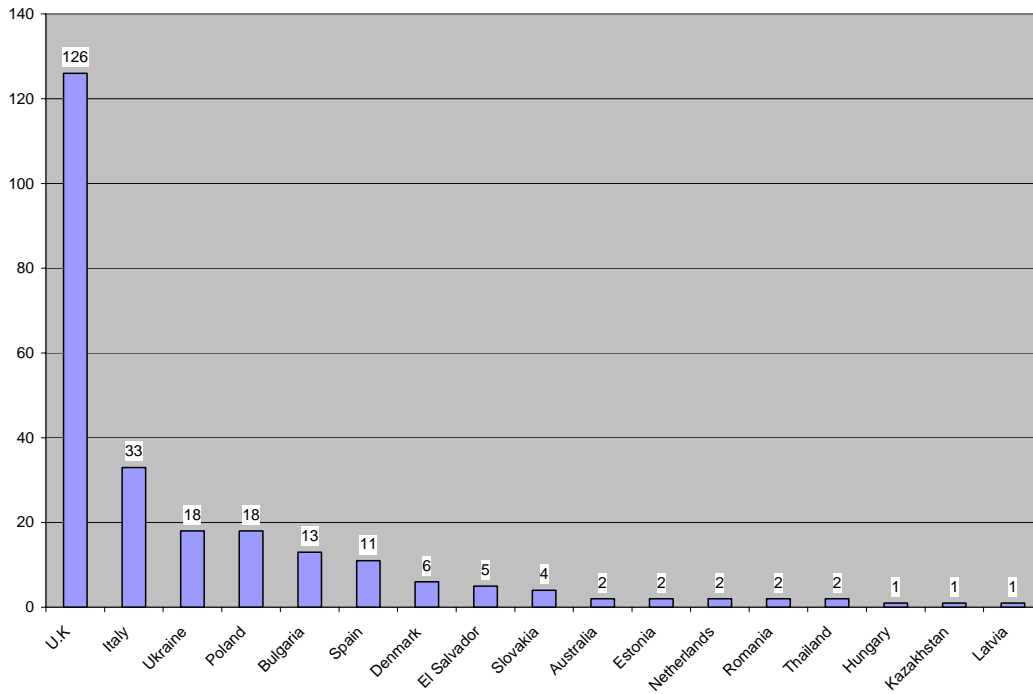
Total through December 20, 2006: 126

NON-U.S. & U.K. COALITION MILITARY FATALITIES SINCE MARCH 19, 2003⁶



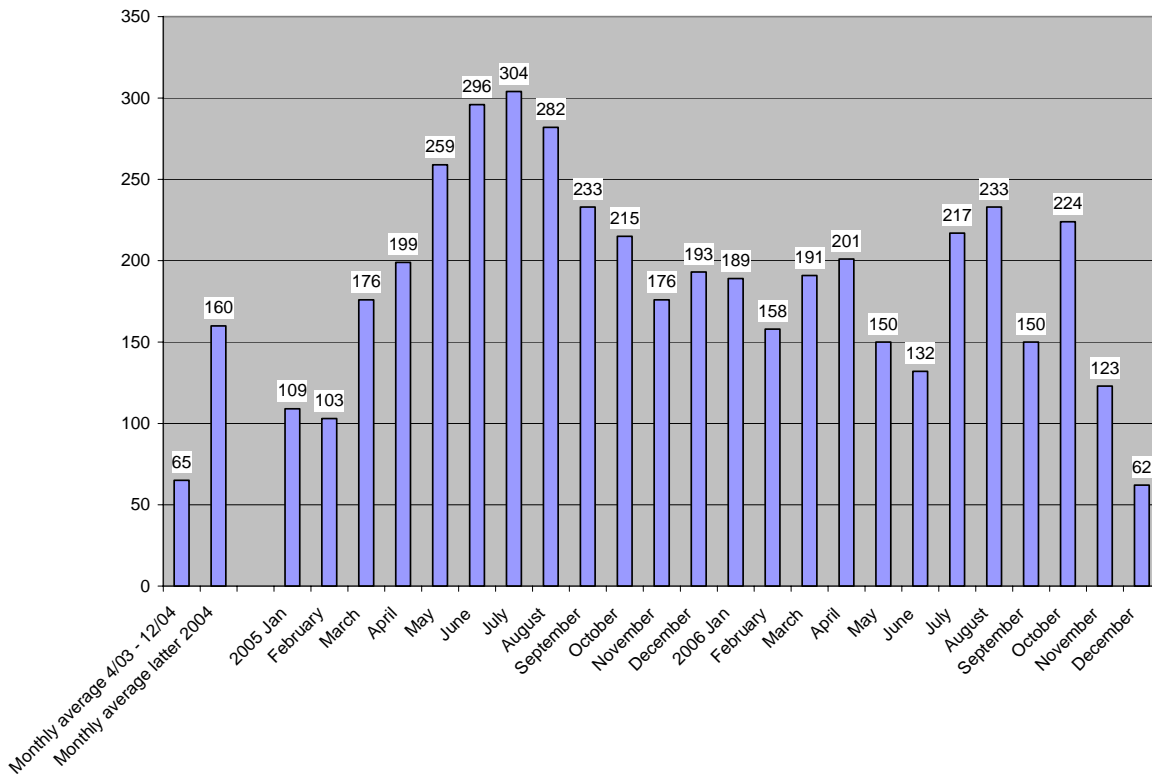
Total through December 20, 2006: 121

NON-U.S. COALITION TROOP FATALITIES BY COUNTRY SINCE MARCH 19, 2003⁷



Total through December 20, 2006: 247

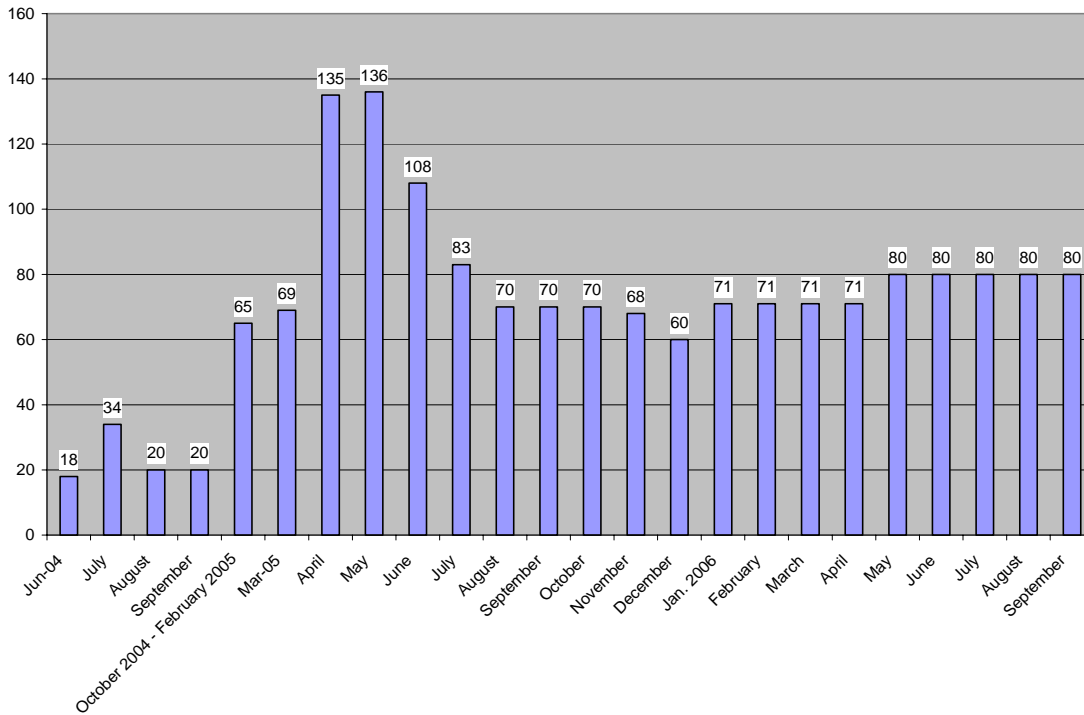
IRAQI MILITARY & POLICE KILLED MONTHLY⁸



Total June 2003 through December 20, 2006: 5,875

1,300 Iraqi military and police were killed between June 2003 and January 4, 2005 according to Iraqi Minister of Interior Falah Hasan Al-Naqib. "Iraqi Officers, Police Members Killed so Far Total 1,300," Kuwait News Agency (KUNA) January 4, 2005. Maj. Gen. Joseph Peterson, the top American police trainer in Iraq, noted through his spokesperson that 1,497 Iraqi police officers were killed and 3,256 wounded in 2005. Eric Schmitt, "2,000 More MPs Will Help Train the Iraqi Police," *New York Times*, January 16, 2006.

CAR BOMBS IN IRAQ (LETHAL AND NON-LETHAL)⁹



NOTE ON CAR BOMBS IN IRAQ CHART: Because we are no longer receiving useful data on the number of car bombs in Iraq, this table will be discontinued. Many of the existing numbers are estimates. Please see footnote for details.

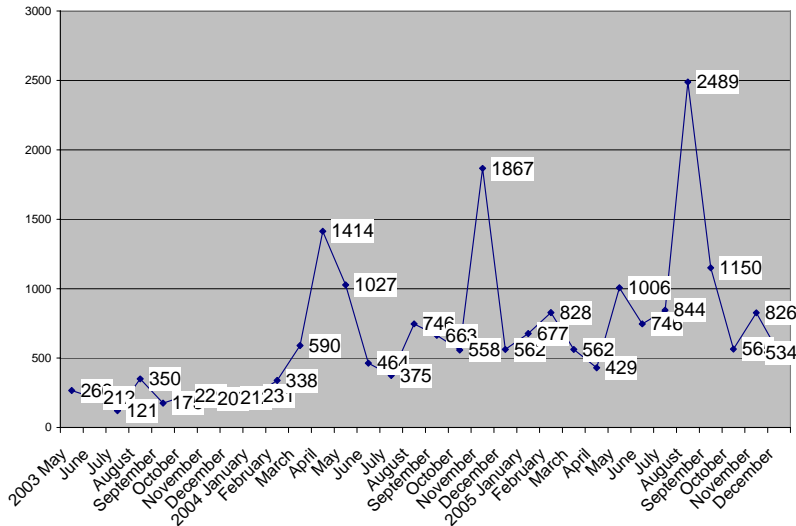
IRAQI CIVILIANS KILLED BY US TROOPS¹⁰

2005	Average of 7 per week
January 2006	4 per week
August 2006	1 per week

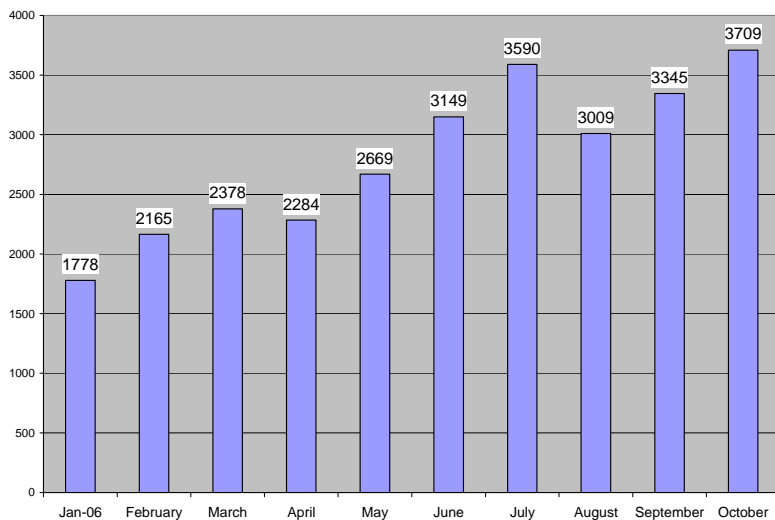
NOTE ON IRAQI CIVILIANS KILLED BY US TROOPS: The military has recently announced that an average of one Iraqi civilian per day was killed in “escalation of force” incidents alone in 2005. Josh White, Charles Lane and Julie Tate, “Homicide Charges Rare in Iraq War; Few Troops Tried for Killing Civilians,” *Washington Post*, August 28, 2006.

IRAQI CIVILIANS KILLED BY VIOLENCE

MAY 2003–DECEMBER 2005 (Does Not Include Murders)



JANUARY 2006 – PRESENT (All Violent Causes)¹¹



NOTE ON “IRAQI CIVILIANS KILLED” TABLES:

Information for May 2003–December 2005 is based upon data from Iraq Body Count. We do not include entries recorded at the morgue (to avoid double-counting) or those which clearly involve the death of Iraqi police, police recruits, or Iraq Civil Defense Forces (in an attempt to index only civilians killed by acts of war. IBC itself removes military personnel.) The data shown in the chart are 1.75 times our IBC-based numbers, reflecting the fact that estimates for civilian casualties from the Iraqi Ministry of the Interior were 75 percent higher than those of our Iraq Body Count-based estimate over the aggregate May 2003 – December 2005 period.¹² During this time, we separately studied the crime rate in Iraq, and on that basis estimated 23,000 murders throughout the country.

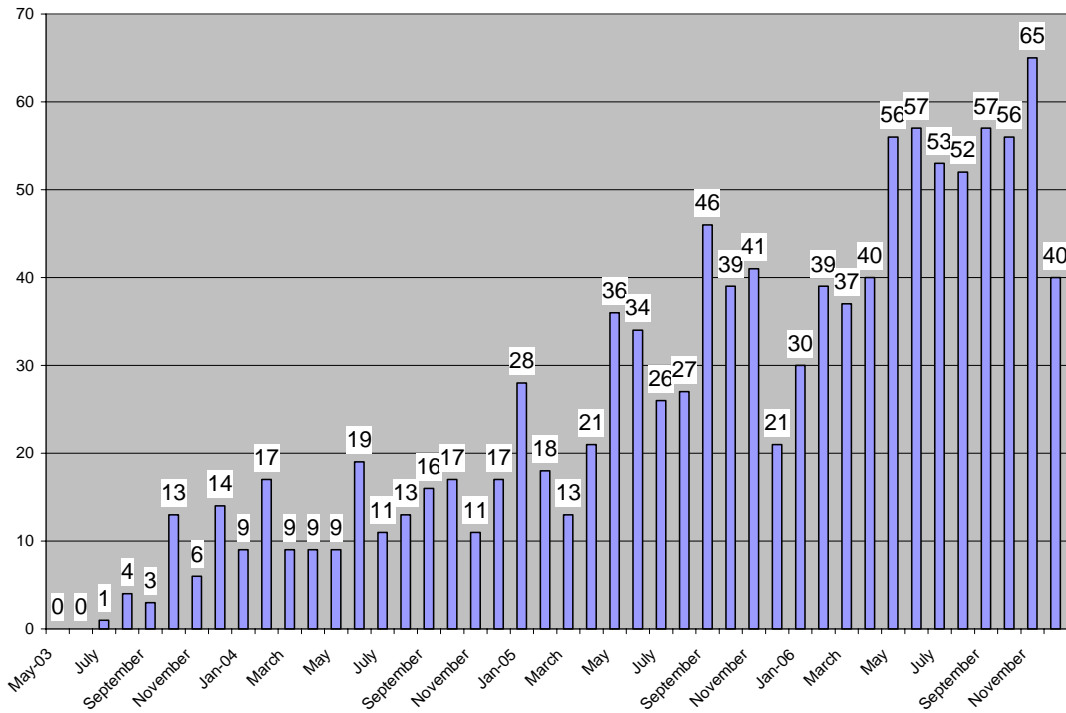
Starting in 2006, we have found it is no longer practical to differentiate between acts of war and crime. Our estimates since January 2006 are based upon the numbers published in the UN Assistance Mission for Iraq, “Human Rights Report: 1 May–30 June, 2006” and subsequent reports. This data combines the Iraq Ministry of Health’s tally of deaths counted at hospitals with the Baghdad Medico-Legal Institute’s tally of deaths counted at morgues. **As a point of comparison between the two charts, we have found that the numbers we present for 2006 based on the UN (which include crime) are approximately twice what the estimates would be using the our methodology for the IBC data (not including crime) for the same time period.**

ESTIMATES OF IRAQI CIVILIANS KILLED BY VIOLENCE:

These numbers do not include Iraqi civilians killed during major combat operations March 19, 2003–April 30, 2003.

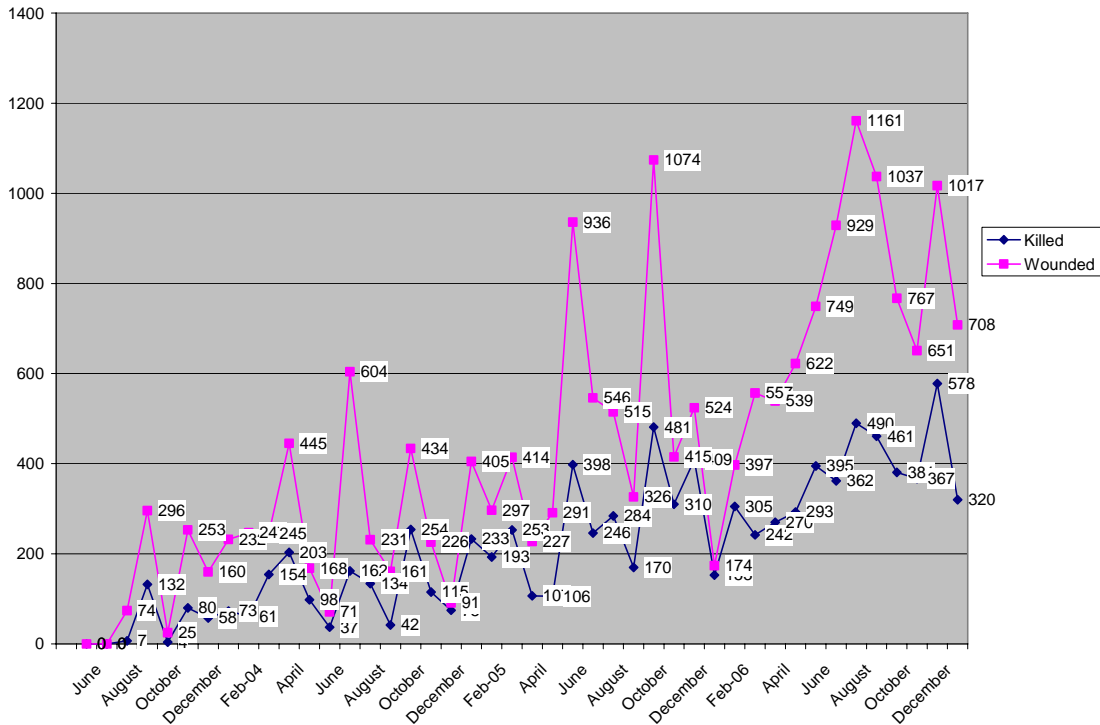
Iraq Index Estimate using IBC Data – May 2003 – December 31, 2005, not including crime:	19,500
Iraq Index Estimate using IBC Data – May 2003 – December 31, 2005, including crime:	42,100
Iraq Index Estimate using UN Data – January 2006 – October 2006:	28,000
Iraq Index Cumulative Estimate using IBC and UN Data – May 2003 – October 31, 2006:	70,100
Iraq Body Count Cumulative Total Through 1 December 2006:	49,000 – 54,400

MULTIPLE FATALITY BOMBINGS¹³



Total as of December 20, 2006: 1,130 (of which at least 389 were suicide bombings)

KILLED AND WOUNDED IN MULTIPLE FATALITY BOMBINGS¹⁴



Total as of December 20, 2006:

Killed: 9,496

Wounded: 19,241

NOTE ON MULTIPLE FATALITY BOMBINGS AND KILLED AND WOUNDED IN MULTIPLE FATALITY

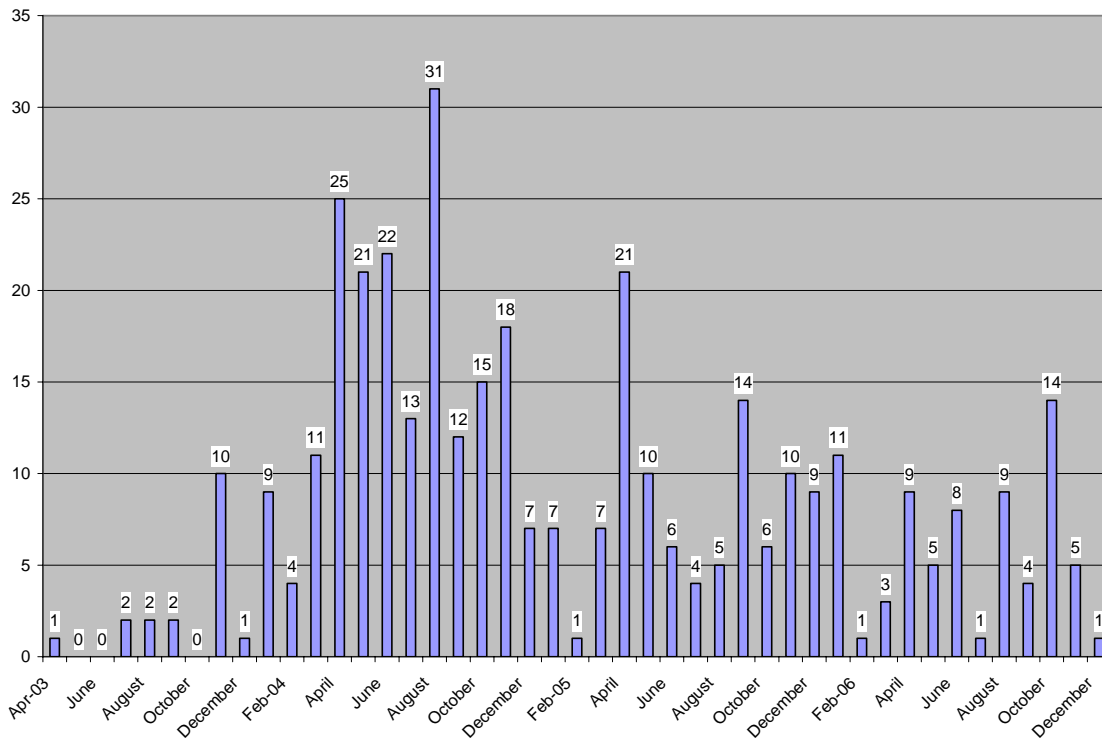
BOMBINGS TABLES: Included as data for these graphs are any bombings (including IEDs / roadside bombs) that caused at least three fatalities. The data on multiple fatality IED / roadside bombs are estimates and may have a margin of error of +/- one bomb and approximately five fatalities and five wounded.

POLICE AND CIVILIAN DEATHS BY REGION

Region	Police Deaths	Civilian Deaths
Dahuk	1	6
Nineveh	259	1,572
Irbil	60	140
Tamim	187	1,005
Sulaimaniya	4	87
Salahuddin	239	1,452
Diyala	409	1,861
Baghdad	715	28,154
Babil	160	1,739
Anbar	235	2,514
Wasit	19	625
Karbala	31	1,031
Qadisiya	3	163
Misan	16	49
Najaf	26	877
Muthanna	2	123
Dhiqar	8	978
Basra	63	1,768
Unknown location	141	67
Total	2,578	44,206

NOTE ON POLICE AND CIVILIAN DEATHS BY REGION CHART: This chart includes deaths from the start of the war until October 15, 2006, as reported by Iraq Body Count, cited in "Iraq Body Count: War Dead Figures," *BBC News Online*, October 23, 2006. This data has NOT been filtered by the authors in the same way as the Iraq Body Count data discussed in Iraqi Civilians Killed by Violence.

NON-IRAQI CIVILIAN CONTRACTORS KILLED IN IRAQ¹⁵

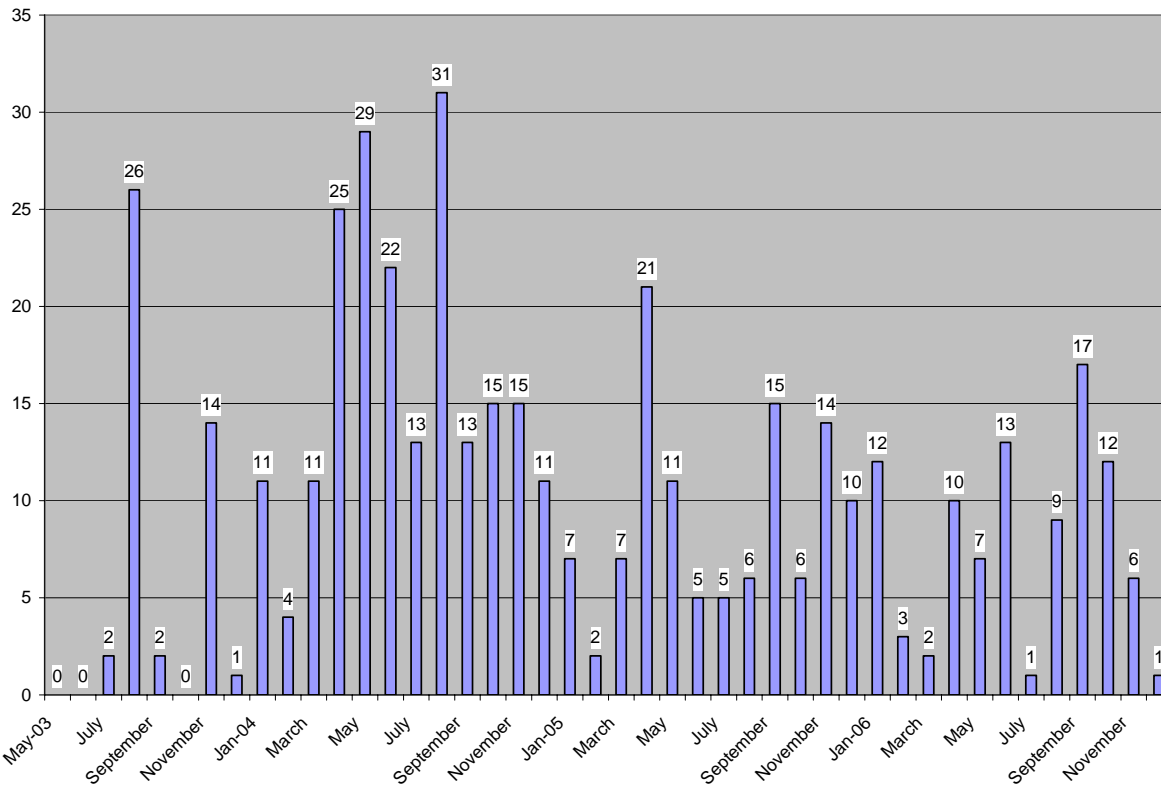


Total as of December 20, 2006: 377

NOTE ON NON-IRAQI CIVILIAN CONTRACTORS KILLED IN IRAQ: Total includes two contractors whose dates of death are unknown at this time and are thus not included on the above chart. This list is incomplete and does not include an additional 44 contractors that were killed up until December 31, 2004. Since we do not know during which month these deaths occurred they are not represented in the graph above.

As of March, 2005, there were more than 20,000 foreign (non-Iraqi) private military contractors in Iraq. 6,000 of these are in armed tactical roles. Peter W. Singer, "Outsourcing War," *Foreign Affairs*, March 2005.

NON-IRAQI CIVILIANS (INCLUDING CONTRACTORS) KILLED SINCE MAY, 2003¹⁶



Total through December 20, 2006: 449

NOTE ON NON-IRAQI CIVILIANS KILLED IN IRAQ: Total includes two contractors whose dates of death are unknown at this time and are thus not included on the above chart.

JOURNALISTS KILLED IN IRAQ¹⁷

2003	14
2004	24
2005	22
2006	17
Total	77

NATIONALITIES OF JOURNALISTS KILLED IN IRAQ¹⁸

Iraqi	56
European	11
American	2
Other Arab Countries	3
All Others	5
Total	77

CIRCUMSTANCES OF JOURNALIST DEATHS¹⁹

Murder	41
Crossfire or other acts of war	36
Total	77

NOTE ON JOURNALIST DEATHS: A broader tally of journalist deaths that includes media workers such as drivers and interpreters, as well as non-hostile but war-related deaths, finds 126 total fatalities.²⁰

LOGISTICS PERSONNEL IN IRAQ AND KUWAIT (October 2005)²¹

Civilian Personnel Total	38,305
US expatriates	11,860
Third-country nationals	900
Host-country nationals	35
Subcontractors and labor brokers	25,510
US Army Combat-Service-Support Personnel	45,800

COMPARISON OF FATALITY RATES AMONG SELECTED WORKERS IN IRAQ (October 2005)²²

	Data Availability			Average Number of Workers	Number of Fatalities	Annual Fatality Rate per 100,000 Employees
	Starting Month	Ending Month	Duration (Months)			
Kellogg, Brown and Root Employees	Mar. 2003	Nov. 2004	21	38,305	27	40.3
US Army Personnel						
Combat Arms	Mar. 2003	May 2005	27	34,710	693	887.3
Combat Support	Mar. 2003	May 2005	27	23,450	124	235.1
Combat Service Support	Mar. 2003	May 2005	27	45,800	292	283.4
Department of Defense Civilians	Mar. 2003	Dec. 2004	22	2,930	3	55
MEMORANDUM: Fatality Rates for Employment in the United States						
Transportation Sector	Jan. 2003	Dec. 2003	12	4.6 million	805	17.5
Agricultural Sector	Jan. 2003	Dec. 2003	12	2.3 million	707	31.2

NOTE ON COMPARISON OF FATALITY RATES TABLE: The information in this table reflects all fatalities – namely, individuals killed in action as well as those who died from accidents, disease and other causes.

IRAQIS KIDNAPPED²³

January 2004	2 per day in Baghdad
December 2004	10 per day in Baghdad
December 2005	Up to 30 per day nationwide
March 2006	30-40 per day nationwide

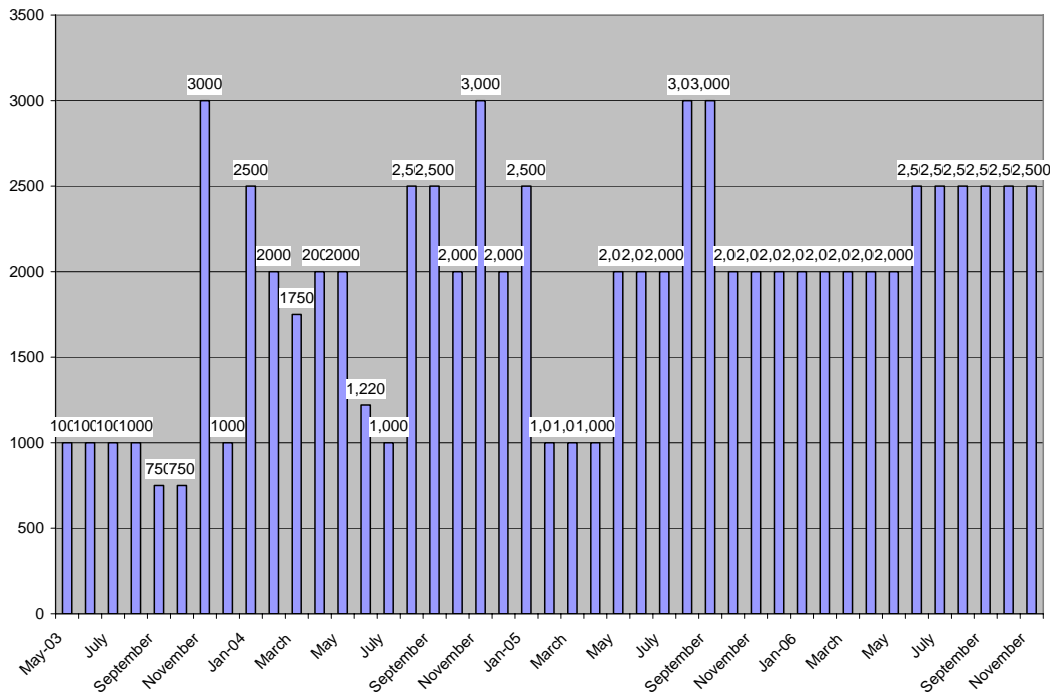
NOTE ON IRAQIS KIDNAPPED TABLE: The numbers on this table may be lower than the actual number of kidnappings as the Iraqi Police suggests wide underreporting. Ellen Knickmeyer and Jonathon Finer, "In Iraq, 425 Foreigners Estimated Kidnapped Since 2003," *Washington Post*, December 25, 2005. The Iraqi Interior Ministry estimates that 5,000 Iraqis were kidnapped nationwide between December 2003 and April 2005 (Haifa Zangana, "Blair Made a Pledge to Iraqis Once," *The Guardian*, April 22, 2005). According to Assad Abboud, "Iraq's Forgotten Kidnap Victims Suffer in Silence," *Agence France Presse*, March 25, 2006, the average ransom price for a kidnapped Iraqi is \$30,000. The American Embassy in Baghdad estimated that 5-30 Iraqis are abducted each day, but also acknowledged the uncertainty of such a figure (Kirk Semple, "Kidnapped in Iraq: Victim's Tale of Clockwork Death and Ransom," *New York Times*, May 7, 2006).

FOREIGN NATIONALS KIDNAPPED IN IRAQ SINCE MAY 2003²⁴

Month	Foreigners Kidnapped	Developments*
Date of capture unknown	14	3 killed
May 2003 – October 2003	0	
November	1	1 released
Dec. 2003 –March 2004	0	
April	43	3 killed, 30 released, 1 escaped
May	2	1 killed
June	3	2 killed, 1 escaped
July	26	3 killed, 13 released, 1 rescued, 1 escaped
August	30	15 killed, 15 released
September	31	4 killed, 4 released, 1 rescued
October	7	3 killed, 2 released
November	5	1 killed, 1 released
December	2	
January 2005	13	10 released
February	10	8 released
March	5	3 released
April	7	6 released
May	4	1 killed, 1 rescued
June	0	
July	6	3 killed
August	24	2 killed, 21 released
September	3	1 killed, 6 released
October	3	1 released
November	11	1 killed, 2 released
December	13	2 killed, 10 released
January 2006	5	2 released
February	12	6 released
March	0	1 killed, 1 released, 3 rescued
April	1	
May	2	4 released
June	5	6 killed
July	1	
August	0	1 released
September	0	
October	1	
November	5	1 escaped, 1 killed
December	4	
Total through December 20, 2006	298	54 killed, 147 released, 4 escaped, 6 rescued, 87 unknown

NOTE ON FOREIGN NATIONALS KIDNAPPED IN IRAQ TABLE:*Developments: This category shows activity in the status of hostages, but does not necessarily apply to hostages kidnapped during the same month. Please see footnote for more information. According to the Baghdad Hostage Working Group at the US Embassy in Baghdad as cited in Erik Rye and Joon Mo Kang, "Hostages of War," *New York Times*, May 17, 2006, 439 foreigners have been kidnapped in Baghdad since the start of the war. These include 165 private contractors, 63 (mostly truck) drivers, 39 journalists, 23 NGO workers, and 15 diplomats/gov't employees. An Associated Press tally shows that at least 13 Americans have been kidnapped. Four have been killed, four have escaped or been freed and five are considered taken, missing, or unknown. This list may be incomplete. "The Fate of Americans Taken Hostage in Iraq," *Associated Press*, January 20, 2006.

TOTAL NUMBER OF INSURGENTS DETAINED OR KILLED²⁵



NOTE ON TOTAL NUMBER OF INSURGENTS DETAINED OR KILLED TABLE: The estimate of suspected insurgents killed or detained since May 2003 is a very rough one. The substantial increase in number of people detained or killed in November 2003 and onwards may not imply a huge increase in people detained or killed but rather that the data improved starting that month. In Bradley Graham, "Zarqawi 'Hijacked' Insurgency; US General Says Foreign Fighters Now Seen as Main Threat," *Washington Post*, September 28, 2005, Graham notes that 315 foreign fighters had been killed and 330 detained since March.

IRAQI PRISON POPULATION²⁶

Peak prison population in 2003	10,000
June 2004	5,435
July	5,700 (of which 90 are foreign nationals)
September	5,500 (whereof 2 are women, 65-70 are juveniles and 130-140 are foreign nationals)
October	4,300
November	8,300
January 2005	7,837
June	10,783
July	15,000
August	14,000
September	14,000
October	13,000
November	13,000 held by American troops plus an additional 12,000 held by Iraqi authorities
December	~ 14,000 in US / Allied custody
January 2006	14,000 in US custody
February	14,767 in US / Allied custody
March	~ 15,000 in US / Allied custody
April	~ 15,000 in US / Allied custody
May	~14,000 in US / Allied custody
June	~14,500 in US custody, ~13,300 held by Iraqi authorities
September	~13,000 in US custody
October	~13,000 in US custody
November	~ 13,000 in US custody

NOTE ON IRAQI PRISON POPULATION TABLE:

David Cloud also writes that 2,800 detainees have been released since August 2005. David Cloud, "Prisoner is Released Despite Evidence of Role in Bombing," *New York Times*, November 25, 2005.

ESTIMATED STRENGTH OF INSURGENCY NATIONWIDE²⁷

Month	Estimated strength of insurgency nationwide
November	5,000
December	5,000
January 2004	3, 000-5,000
February	N/A
March	N/A
April	5,000
May	15,000
June	15,000
July	20,000
August	20,000
September	20,000
October	20,000
November	20,000
December	“more than 20,000”
January 2005	18,000
February	18,000
March	16,000
April	16,000
May	16,000
June	15,000-20,000
July	“no more than 20,000”
August	N/A
September	“neither gaining strength nor weakening appreciably” (some estimates indicate higher numbers, please see footnote)
October	15,000 – 20,000
November	15,000 – 20,000
December	15,000 – 20,000
January 2006	15,000 – 20,000
February	15,000 – 20,000
March	15,000 – 20,000
April	20,000+
May	20,000+
June	20,000+
July	20,000+
August	20,000+
September	20,000+
October	20,000-30,000, including militias

NOTE ON STRENGTH OF INSURGENCY TABLE: International Crisis Group estimates that there are approximately 5,000 to 15,000 insurgents in Iraq. *In Their Own Words: Reading the Iraqi Insurgency*, International Crisis Group, Middle East Report N. 50, February 15, 2006. The estimated strength of Al Qaida in Iraq is more than 1,000 nationwide, although the exact number is unknown. It is presumed this includes both Iraqis and foreign fighters. Country Reports on Terrorism, United States Department of State, Office for the Coordinator for Counterterrorism, April 2006.

ESTIMATED NUMBER OF FOREIGN FIGHTERS IN THE INSURGENCY²⁸

January 2004	300-500
July	“Low hundreds”
September	“Fewer than 1,000”
November	“Fewer than 1,000”
January 2005	“Fewer than 1,000”
February	“Fewer than 1,000”
May	1,000
June	750-1,000
July	750-1,000
August	750-1,000
September	700 – 2,000
October	700 – 2,000
November	700 – 2,000
December	700 – 2,000
January 2006	700 – 2,000
February	700 – 2,000
March	700 – 2,000
April	800 – 2,000
May	800 – 2,000
June	800 – 2,000
July	800 – 2,000
August	800 – 2,000
September	800 – 2,000
October	800 – 2,000
November	800 – 2,000

NOTE ON ESTIMATED NUMBER OF FOREIGN FIGHTERS TABLE: “[Foreign fighters] are very few in number, although as far as we can tell, they constitute about 100 percent of the suicide bombers.” DoD News Briefing with Col. Sean MacFarland, Commander of 1st Brigade Combat Team, 1st Armored Division, Stationed in Ramadi, July 14, 2006.

INSURGENCY INDICATORS²⁹

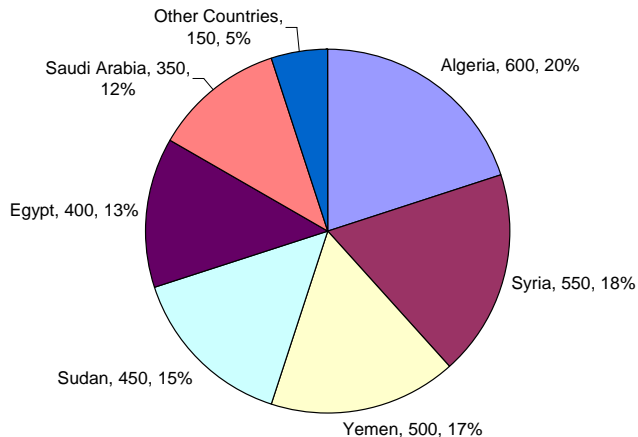
	2004	2005
Insurgent attacks (total)	26,496	34,131
Car bombs	420	873
Suicide car bombs	133	411
Roadside bombs	5,607	10,953
US Soldiers Killed	848	846
US Soldiers Wounded	7,989	5,939

TERRORISM AND IRAQ

	2004	2005
Number of Terrorist Attacks Worldwide	2,800	11,111
Number of Fatalities Worldwide due to Terrorist Attacks	N/A	14,600
Number of Terrorist Attacks in Iraq	1,800	3,474 (~30% of total)
Number of Fatalities in Iraq due to Terrorist Attacks	4,000	8,300 (~55% of total)

NOTE ON TERRORISM AND IRAQ TABLE: Source is Country Reports on Terrorism, United States Department of State, Office for the Coordinator for Counterterrorism, April 2006. Numbers include attacks against non-combatants and thus do not include attacks against American or coalition troops. Numbers for 2004 are estimates based on Mark Mazzetti, “Insurgent Attacks on Iraqis Soared, Report Says,” *New York Times*, April 29, 2006. American officials cite a change in the methodology of compiling terrorism data as being responsible for much of the increase between 2004 and 2005, particularly for worldwide attacks.

NATIONALITIES OF FOREIGN MILITANTS IN IRAQ, SEPTEMBER 2005³⁰



NOTE ON NATIONALITIES OF FOREIGN MILITANTS GRAPH: Two other sources have cited the nationalities of non-Iraqi Jihadists (one specifying those captured, the other those killed) in Iraq, and the three reports suggest somewhat different trends. Reuven Paz cites Saudi Arabia as contributing the highest number of jihadists killed (94) from November to March, 2005, followed by Syria (16) and Kuwait (11). Reuven Paz, "Arab Volunteers Killed in Iraq: An Analysis," Global Center for International Affairs Center (GLORIA), Occasional Papers, Volume 3 (2005), Number 1, March 2005.

According to Dexter Filkins, "Foreign Fighters Captured in Iraq Come From 27, Mostly Arab, Lands," *New York Times*, October 21, 2005 and Edward Wong, "Iraqi Constitution Vote Split On Ethnic and Sect Lines; Election Panel Reports No Major Fraud," *New York Times*, October 23, 2005, Egypt has contributed the highest number foreign nationals captured (78) from April to October 2005. This report also cites Syria (66), Sudan (41), Saudi Arabia (32), Jordan (17), Iran (13), Palestinians (12), and Tunisia (10) as nations with 10 or more nationals found in Iraq. 18 countries have contributed less than 10 captured foreign nationals, for a total of 311 included jihadists.

Maj. Gen. Rick Lynch states that at least 96 percent of suicide bombers are not Iraqis. Chris Tomlinson, "US General: Suicide and Car Bomb Attacks Down in Iraq," *Associated Press*, December 1, 2005.

According to MNF-I (Press Conference, 20 April 2006), Syria contributed the highest number of foreign nationals captured since September 2005 (51). Egypt was second with 38, and Saudi Arabia (23), Sudan (22) and Jordan (16) round out the top five.

COALITION TROOP STRENGTH IN IRAQ SINCE MAY 2003³¹

Month	U.S. troops in Iraq			Other coalition troops in Iraq (excluding U.S. & Iraqi forces)	Total international troop strength in Iraq
	Active	Reserve (includes National Guard)	Total		
May 2003	~142,000	~8,000	150,000	23,000	173,000
June	~126,000	~24,000	150,000	21,000	171,000
July	~124,000	~25,000	149,000	21,000	170,000
August	~114,000	~25,000	139,000	22,000	161,000
September	~103,000	~29,000	132,000	24,000	156,000
October	~102,000	~29,000	131,000	25,000	156,000
November	N/A	N/A	123,000	23,900	146,900
December	~85,400	~36,600	122,000	24,500	146,500
January 2004	N/A	N/A	122,000	25,600	147,600
February	N/A	N/A	115,000	24,000	139,000
March	N/A	N/A	130,000	24,000	154,000
April	N/A	N/A	137,000	25,000	162,000
May	N/A	N/A	138,000	24,000	162,000
June	89,700	48,300	138,000	23,000	161,000
July	N/A	N/A	140,000	22,000	162,000
August	84,000	56,000	140,000	23,700	163,700
September	82,800	55,200	138,000	24,600	162,600
October	82,800	55,200	138,000	24,000	162,000
November	82,800	55,200	138,000	24,000	162,000
December	82,800	55,200	148,000	25,000	173,000
January 2005	90,000	60,000	150,000	25,300	175,300
February	N/A	N/A	155,000	25,000	180,000
March	N/A	N/A	150,000	22,000	172,000
April	N/A	N/A	142,000	22,000	164,000
May	N/A	N/A	138,000	23,000	161,000
June	N/A	N/A	135,000	23,000	158,000
July	N/A	N/A	138,000	23,000	161,000
August	N/A	N/A	138,000	23,000	161,000
September	N/A	N/A	138,000	22,000	160,000
October	N/A	N/A	152,000	22,000	174,000
November	N/A	N/A	160,000	23,000	183,000
December	N/A	N/A	160,000	23,000	183,000
January 2006	N/A	N/A	136,000	21,000	157,000
February	N/A	N/A	133,000	20,000	153,000
March	N/A	N/A	133,000	20,000	153,000
April	N/A	N/A	132,000	20,000	152,000
May	N/A	N/A	132,000	20,000	152,000
June	N/A	N/A	126,900	19,000	146,900
July	N/A	N/A	130,000	19,000	149,000
August	N/A	N/A	138,000	19,000	157,000
September	N/A	N/A	144,000	18,000	162,000
October	N/A	N/A	144,000	17,200	161,200
November	N/A	N/A	140,000	18,000	158,000

NOTE ON COALITION TROOP STRENGTH IN IRAQ SINCE MAY TABLE: All numbers are end of month estimates or latest data available for the current month. N/A= Not available.

DISTRIBUTION OF THE ARMY'S AUTHORIZED END STRENGTH, BY COMPONENT AND FUNCTION, FISCAL YEAR 2005³²

(Thousands of Soldiers)	Deployable Personnel			Non-deployable Personnel	Total
	Combat	Combat Support	Combat Service Support		
Active	151 (31%)	79 (16%)	92 (19%)	160 (33%)	482
Guard	169 (48%)	67 (19%)	89 (26%)	24 (7%)	350
Reserve	14 (7%)	40 (20%)	84 (41%)	67 (32%)	205
Total	334 (32%)	187 (18%)	265 (26%)	251 (24%)	1,037

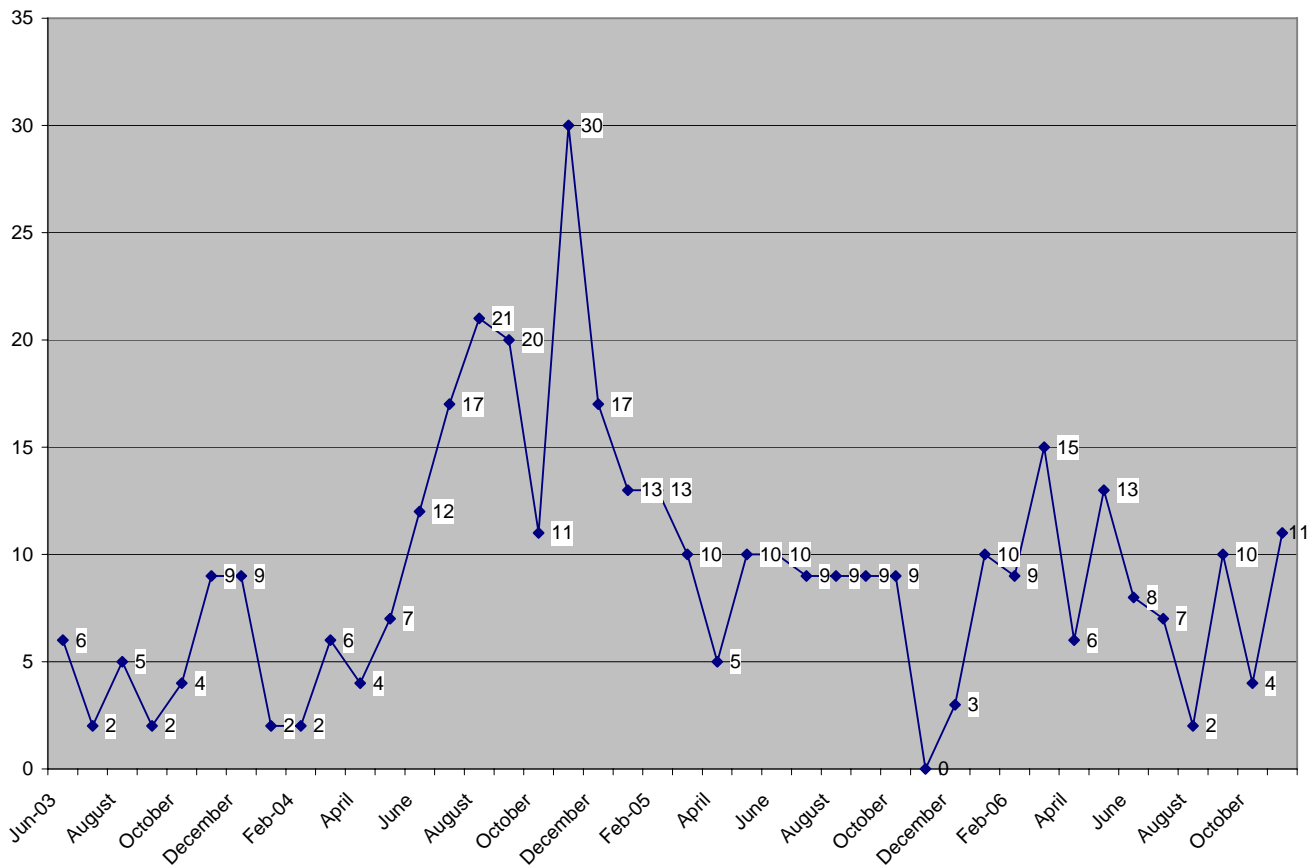
NOTE ON DISTRIBUTION OF THE ARMY'S AUTHORIZED END STRENGTH TABLE: Authorized end strength is the number of soldiers the Congress has authorized and funded for the end of the fiscal year.

TOP NON-US COALITION CONTRIBUTORS OF MILITARY PERSONNEL IN IRAQ³³

Coalition Country	Military Personnel in Iraq	As of (date)
United Kingdom	7,200	October 17, 2006
South Korea	2,800	August 20, 2006
Italy	0	December 2, 2006
Poland	900	November 17, 2006
Australia	1,400	November 17, 2006
Georgia	900	June 29, 2006
Romania	600	November 17, 2006
Denmark	470	October 6, 2006
Total Coalition Troops	~16,860	December 8, 2006*

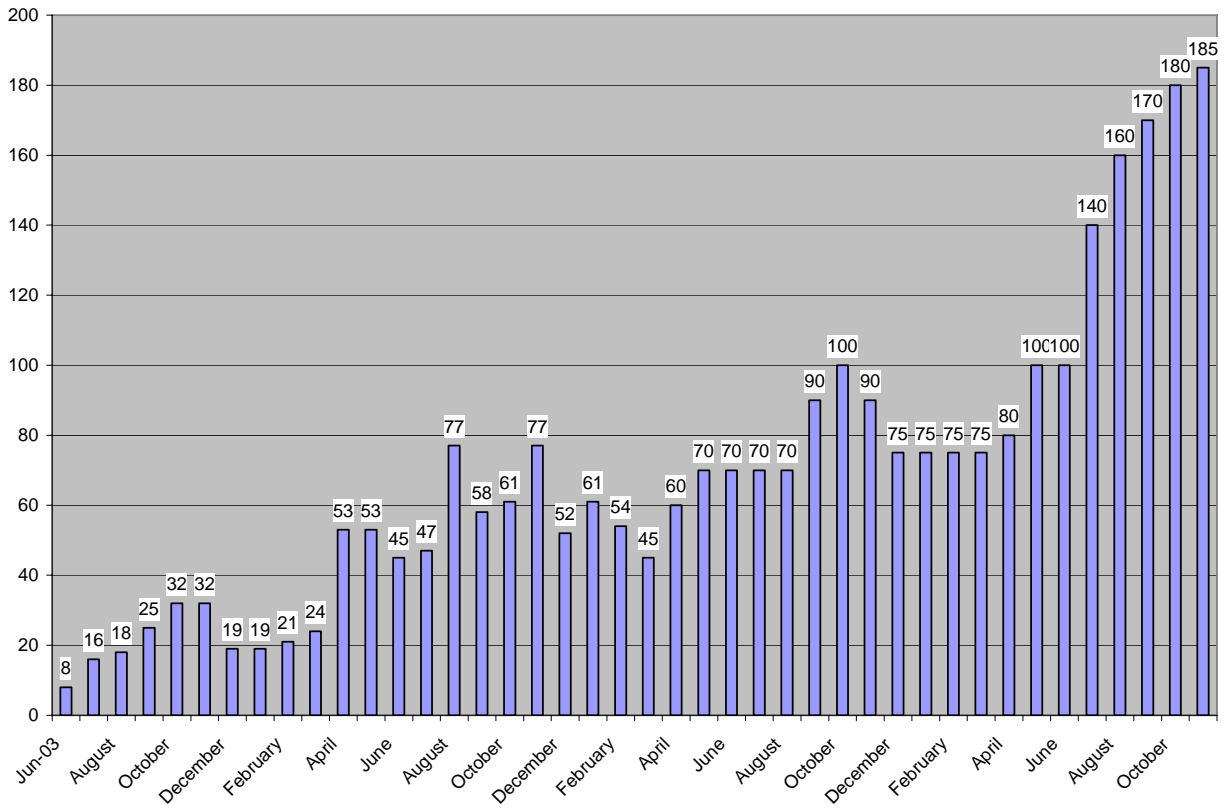
NOTE ON TOP NON-U.S. COALITION CONTRIBUTORS OF MILITARY PERSONNEL IN IRAQ TABLE: *Number of Total Coalition Troops is from "Iraq Weekly Status Report," *Department of State*, December 20, 2006. In addition to the United States, 25 countries are contributors to Iraqi Stability Operations as of December 8, 2006: Albania, Armenia, Australia, Azerbaijan, Bosnia/Herzegovina, Bulgaria, Czech Republic, Denmark, El Salvador, Estonia, Georgia, Japan, Kazakhstan, Latvia, Lithuania, Macedonia, Moldova, Mongolia, Poland, Romania, Singapore, Slovakia, South Korea, Ukraine, and the United Kingdom. Fiji is participating as part of the UN mission in Iraq and Hungary, Iceland, Slovenia and Turkey are NATO countries supporting Iraqi stability operations but are not part of MNF-I. "Iraq Weekly Status Report," *Department of State*, December 20, 2006.

ATTACKS ON IRAQI OIL AND GAS PIPELINES, INSTALLATIONS & PERSONNEL³⁴



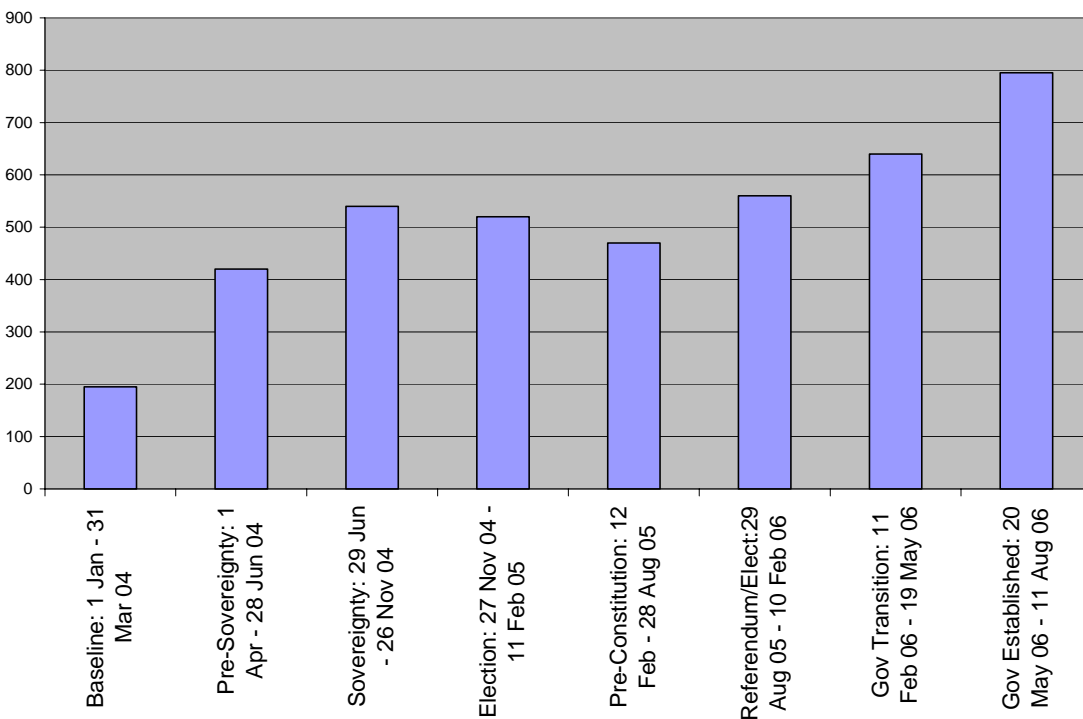
Total through December 2, 2006: 381

NUMBER OF DAILY ATTACKS BY INSURGENTS AND MILITIAS³⁵

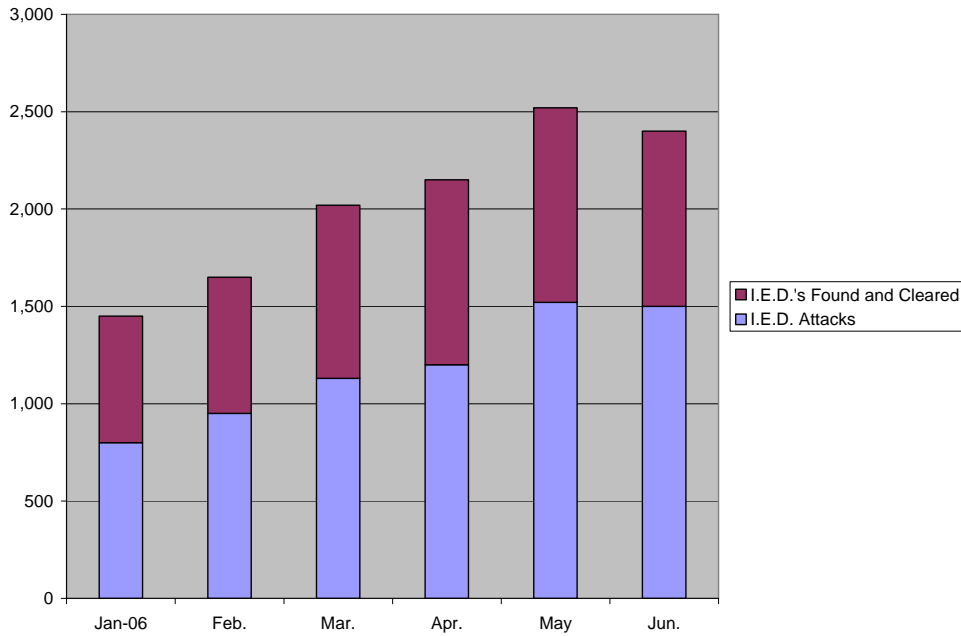


NOTE ON DAILY ATTACKS CHART: Numbers for June 2003 are incomplete. Major General Webster has noted that the number of successful attacks has dropped to about 10% from 25-30% a year ago. Ann Scott Tyson, "Departing US Commander Reports Progress in Baghdad," *Washington Post*, December 31, 2005.

AVERAGE WEEKLY ATTACKS BY TIME PERIOD: 1 JANUARY 2004 – 11 AUGUST 2006³⁶



**IMPROVISED EXPLOSIVE DEVICES (IED'S) DETONATED AND DISARMED
JANUARY – JUNE 2006**

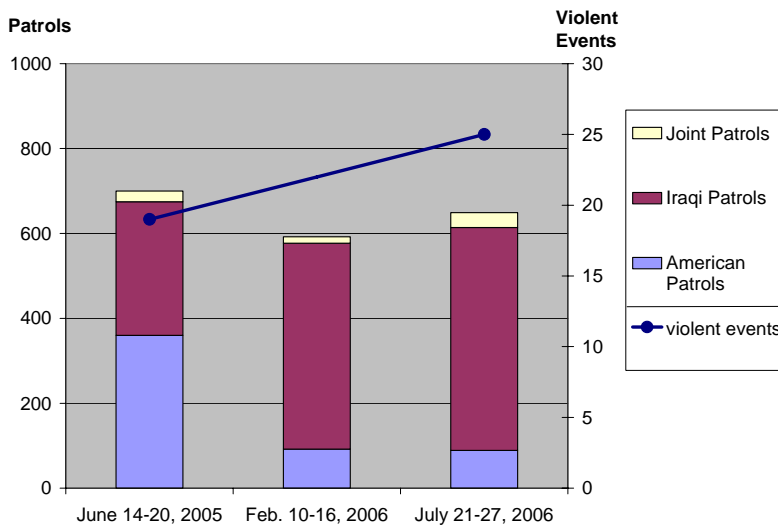


NOTE ON IMPROVISED EXPLOSIVE DEVICES: “In June, there were 1,481 I.E.D. attacks throughout Iraq, and 903 instances in which the bombs were found and neutralized, according to figures compiled by the American military in Baghdad. That is a sharp increase since January, when there were 834 such attacks and 620 cases in which the bombs were found before they exploded.” Michael Gordon, “A Platoon’s Mission: Seeking and Destroying Explosives in Disguise,” *The New York Times*, July 12, 2006. Numbers are author’s approximations based on data published in the *New York Times*.

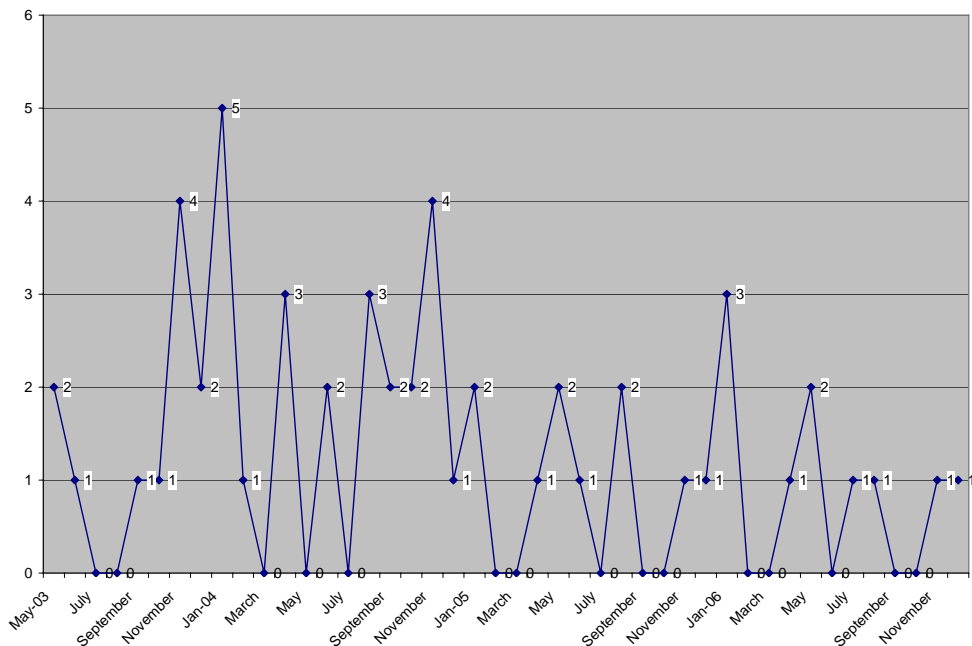
COALITION FORCES ABILITY TO FIND AND DISARM IMPROVISED EXPLOSIVE DEVICES (IEDs)³⁷

Time	Percentage of IEDs found and disarmed
December 2003	40%
Nov. 04 – Feb. 05	38%
Feb. 05 – Aug. 05	37%
Aug. 05 – Feb. 06	38%
Feb. 06 – May 06	45%
July	37%

AVERAGE NUMBER OF DAILY PATROLS AND VIOLENT EVENTS IN BAGHDAD³⁸



AMERICAN MILITARY HELICOPTERS DOWNED IN IRAQ³⁹



Total through December 20, 2006: 54

NOTE ON AMERICAN MILITARY HELICOPTERS DOWNED IN IRAQ TABLE: Of the 53 helicopters downed in Iraq since May 2003, at least 27 were downed by enemy fire. Of the three January 2006 crashes, two are still being investigated. One was shot down by enemy fire and is included above. We have counted one of the others as being downed by enemy fire as well, given the available evidence. Hostile fire is suspected in the July 2006 crash, but it has not been confirmed and therefore not counted as such. November 2006 crash is still under investigation.

INTERNALLY DISPLACED PERSONS IN IRAQ⁴⁰

Since April 2003

2003	100,000
2004	200,000
2005	250,000
2006 (through November)	650,000

NOTE: Numbers are cumulative, but DO NOT include those displaced prior to March 2003 (approximately 1 million).

MIGRATION INDICATORS⁴¹

May/June 2006

New Passports Issued Since August 2005	More than 2 million
Letters Issued by Ministry of Education to Release Academic Records to Other Countries	39,554
Percent of professional class that has left since 2003	40%

November 2006

Iraqi Refugees living abroad	1.8 million
Iraqi Refugees in Syria	600,000 – 1 million
Refugees heading to Syria per day	2,000
Iraqi Refugees in Jordan	700,000 – 750,000
Refugees heading to Jordan per day	1,000
Iraqi Refugees in Egypt, Lebanon, Iran	175,000 – 200,000
Refugees Seeking Asylum in Europe (first half of 2006)	8,100

NOTE: Not all Iraqis refugees fled because of the current war.

REFUGEES AND ASYLUM SEEKERS⁴²

2003-2004	366,000
2005	523,000
Total	889,000

SIZE OF IRAQI SECURITY FORCES ON DUTY⁴³

Month	General Police Capabilities	National Guard	Iraqi Armed Forces	Border Patrol	Total Iraqi Security Forces
May 2003	7,000 – 9,000	N/A	0	N/A	7,000 – 9,000
June	N/A	N/A	0	N/A	N/A
July	30,000	N/A	0	N/A	30,000
August	34,000	670	0	2,500	37,170
September	37,000	2,500	0	4,700	44,200
October	55,000	4,700	700	6,400	66,800
November	68,800	12,700	900	12,400	94,800
December	71,600	15,200	400	12,900	99,600
January 2004	66,900	19,800	1,100	21,000	108,800
February	77,100	27,900	2,000	18,000	125,000
March	75,000	33,560	3,005	23,426	134,991
April	80,016	23,123	2,367	18,747	124,253
May	90,803	24,873	3,939	16,097	135,712
June	83,789	36,229	7,116	18,183	145,317
July	31,300	36,229	7,700	19,859	95,088
August	32,942	37,925	6,288	14,313	91,468
September	40,152	36,496	7,747	14,313	98,708
October	44,728	41,261	6,861	18,148	110,998
November	49,455	43,445	6,013	14,593	113,506
December	53,571	40,115	14,500	14,267	118,009
January 2005	58,964	36,827	14,796	14,786	125,373
February	82,072 “trained and equipped”	59,689 “operational”		N/A	141,761 Trained and Effective: General Myers: 40,000 Senator Biden: 4,000 – 18,000
March	84,327	67,584		N/A	151,618 Trained and Effective: Lt. Gen Petraeus: 50,000 “off-the-cuff”
April	86,982	72,511		N/A	159,493
May	91,256	76,971		N/A	168,227
June	92,883	75,791		N/A	168,674
July	94,800	79,100		N/A	173,900 26,000 in Army in level I and II
August	101,000	81,900		N/A	182,900
September	104,300	87,800		N/A	192,100 ~ 30,000 in Army in level I and II ⁴⁴
October ⁴⁵	111,000	100,000		N/A	211,000 ~32,000 in level I and II ⁴⁶
November	112,000	102,000		N/A	214,000
December	118,000	105,700		N/A	223,700
January 2006	120,400	106,900		N/A	227,300
February	123,600	108,500		N/A	232,100 ~46,000 MOD forces and 8,000 MOI forces in Level I and II ⁴⁷
March	134,800	115,700		N/A	250,500
April	138,700	115,000		N/A	253,700
May	145,500	117,900		N/A	265,600
June	148,500	116,100		N/A	264,600
July	154,500	115,100		N/A	269,600
August	167,900	130,100		N/A	298,000 ~80,000 MOD and 24,000 MOI forces in Level I and II ⁴⁸
September	176,200	131,600		N/A	307,800
October	180,800	131,600		N/A	312,400
November	188,300	134,700		N/A	323,000
Stated Goal	188,000 ⁴⁹	137,000 ⁵⁰			325,000 by December 2006 ⁵¹

NOTE ON IRAQI SECURITY FORCES ON DUTY TABLE: Units in the top three levels are all operational – that is, capable of (and frequently engaged in) operations against the enemy. Units at level three are fighting alongside Coalition units. Level two units are “in the lead” – this level is the critical achievement that marks the point at which a unit can take over its own battle space. Units at level two can control their own areas of responsibility and, therefore, allow Coalition units to focus elsewhere.⁵² Care should be taken when evaluating the quality of MOI forces as there have been various reports of Iraqi police units dominated by sectarian interests.

NOTE ON ETHNICITY IN THE SECURITY FORCES: 978 Sunni men, including 800 from Fallujah became the first all-Sunni class in the Iraqi army to graduate as privates from American-run basic training on May 1, 2006.⁵³ However, Sunnis make up less than 10 percent of the enlisted forces.⁵⁴

ESTIMATED MINISTRY OF DEFENSE FORCES' CAPABILITIES⁵⁵

Component	Iraqi Units Actively Conducting Counter Insurgency Operations	
	Units Fighting Side by Side with Coalition Forces*	Units in the Lead with Coalition Enablers or Fully Independent
Iraqi Army and Special Operation Combat Forces	21	85
	Iraqi Units Actively Supporting Counter Insurgency Operations	
Logistics Enablers	7	6
Air Force	1	1
Navy	0	2

NOTE ON MOD FORCES CHART: *The numbers in this column may decrease as units are assessed into higher levels (i.e. “in the lead” or “fully independent”). Numbers are as of 7 August 2006.

As of August 7, there were 5 Iraqi divisions, 25 brigades, and 87 Army and National Police battalions with security lead in their areas of responsibility. These areas include more than 30,000 square miles of Iraq... As of May 6, 2006, the ISF, MOD, MOI, or Ministry of Finance has assumed control and responsibility for 48 Forward Operating Bases from Coalition forces. “Measuring Stability and Security in Iraq August 2006, Report to Congress in Accordance with the Department of Defense Appropriations Act 2006 (Section 9010),” page 43.

ESTIMATED MINISTRY OF THE INTERIOR NATIONAL POLICE FORCES' CAPABILITIES⁵⁶

Component	Iraqi Units Actively Conducting Counter Insurgency Operations	
	Units Fighting Side by Side with Coalition Forces*	Units in the Lead with Coalition Enablers or Fully Independent
National Police Combat Battalions	27	5
National Police Brigade Headquarters	9	2
National Police Division Headquarters	2	0

NOTE ON MOI FORCES CHART: *The numbers in this column may decrease as units are assessed into higher levels (i.e. “in the lead” or “fully independent”). Numbers are as of 7 August 2006.

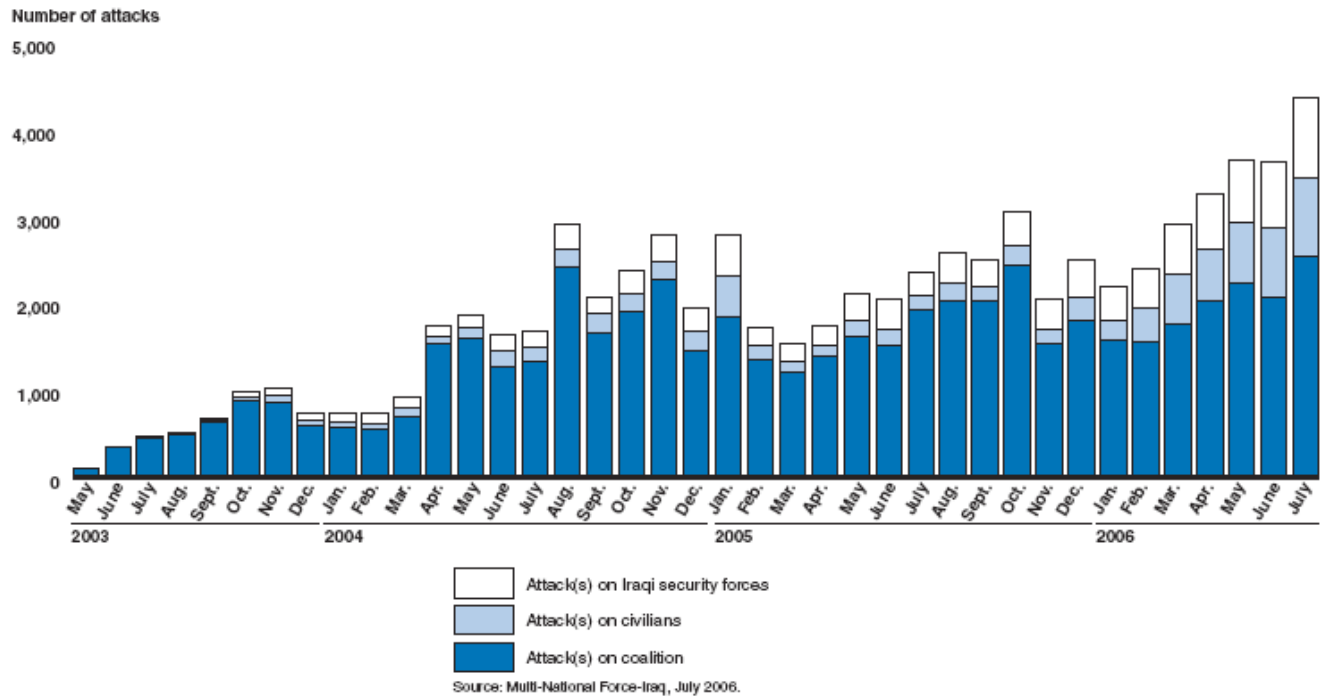
The Minister of Interior signed an order to reorganize and merge the Police Commandos, the Public Order and Mechanized Police, and the Emergency Response Unit (ERU) to form a single force, the Iraqi National Police, on April 1, 2006. The National Police are organized with a National Police Headquarters, under which will fall the 1st and 2nd National Police Divisions, the 1st National Police Mechanized Brigade, and the ERU. The two divisions of National Police were formed from the Commando Division and Public Order Division. The 1st National Police Mechanized Brigade will remain a direct supporting unit. The ERU, previously part of the Ministry’s Supporting Forces organization, has been reassigned as a direct reporting unit to the National Police Headquarters. “Measuring Stability and Security in Iraq May 2006, Report to Congress in Accordance with the Department of Defense Appropriations Act 2006 (Section 9010),” page 61.

US AIR MISSIONS⁵⁷

Mission	2004	2005
US Air Strikes (Iraq only)	285	306
C-130 Sorties Flown (Iraq and Afghanistan combined)	48,100	52,000
Cargo Transported (Iraq and Afghanistan combined)	146,000 tons	155,000 tons
Passengers Transported (Iraq and Afghanistan combined)	699,000	953,000

ENEMY-INITIATED ATTACKS AGAINST THE COALITION AND ITS PARTNERS⁵⁸

Figure 1: Enemy-initiated Attacks Against the Coalition and Its Iraqi Partners, May 2003 through July 2006



NOTE ON ENEMY-INITIATED ATTACKS TABLE: The data for 2006 does not separate attacks against Iraqi government officials from attacks against Iraqi civilians.

INDEX OF POLITICAL FREEDOM⁵⁹

Israel	8.20
Lebanon	6.55
Morocco	5.20
Iraq	5.05
Palestine	5.05
Kuwait	4.90
Tunisia	4.60
Jordan	4.45
Qatar	4.45
Egypt	4.30
Sudan	4.30
Yemen	4.30
Algeria	4.15
Oman	4.00
Bahrain	3.85
Iran	3.85
United Arab Emirates	3.70
Saudi Arabia	2.80
Syria	2.80
Libya	2.05

NOTE ON INDEX OF POLITICAL FREEDOM TABLE: Each country is scored on a 10-point scale, with 1 being the lowest score and 10 the highest. Indicators of freedom include election of head of government, election of parliament, fairness of electoral laws, right to organize political parties, power of elected representatives, presence of an opposition, transparency, minority participation, level of corruption, freedom of assembly, independence of the judiciary, press freedom, religious freedom, rule of law and property rights.

POLITICAL PARTIES IN IRAQ⁶⁰

Registered for December 2005 elections	Over 300
--	----------

COUNCIL SEATS BY COALITION IN NEW IRAQI LEGISLATURE⁶¹

As of January 2006

Coalition	Total Seats	Designation	Parties	Leaders
United Iraqi Alliance	128	Shiite Religious Coalition	Includes SCIRI, Dawa	Includes Abdul Aziz Hakim, Ibrahim Jafari
Kurdistan Coalition	53	Kurdish Secular Coalition	Includes KDP, PUK	Includes Jalal Talabani
Iraqi Accordance Front	44	Sunni Religious Coalition	Includes General Conference of the People of Iraq, National Dialogue Council, Iraqi Islamic Party	Includes Adnan Dulaimi, Khalaf Elayan, Tariq Hashimi
National Iraqi List	25	Shiite / Sunni Secular Coalition	Various	Ayad Allawi
Other	25	Other	Iraqi National Dialogue Front (11), Islamic Union of Kurdistan (5), Liberation and Reconciliation Bloc (3), Message Carriers (2), Mithal Alousi List for the Iraqi Nation (1), Iraqi Turkoman Front (1), Yezidi Movement for Progress and Reform (1), Al Rafadeen List (1)	

ECONOMIC & QUALITY OF LIFE INDICATORS

FUEL⁶²

Time	Fuel supplies available						Overall fuel supplies as percentage of goal during that month (the goals have shifted)
	Millions of barrels/day		Millions of liters/day			Tons/day	
	Crude oil production	Crude oil export	Diesel (Prod. & Imp.)	Kerosene (Prod. & Imp.)	Gasoline/Benzene (Prod. & Imp)	Liquid Petroleum Gas (Prod. & Imp.)	
Estimated prewar level	2.5 (pre-war peak)	1.7-2.5	N/A	N/A	N/A	N/A	
May 2003	0.3	0	N/A	N/A	N/A	N/A	10 %
June	0.675	0.2	N/A	N/A	N/A	N/A	23%
July	0.925	0.322 ⁶³	6.5	4.75	13.5	1,880	44%
August	1.445	0.646 ⁶⁴	10.25	6.2	14.0	2,530	57%
September	1.7225	0.983 ⁶⁵	14.25	6.9	17.3	3,030	70%
October	2.055	1.149 ⁶⁶	14.75	9.6	16.35	3,700	78%
November	2.1	1.524 ⁶⁷	13.14	13.3	11.792	3,610	76%
December	2.30	1.541 ⁶⁸	12.29	9.4	12.9	3,460	72%
January 2004	2.440	1.537	13.91	11.3	13.32	3,445	78%
February	2.276	1.382 ⁶⁹	15.21	13.05	16.65	4,670	88%
March	2.435	1.825 ⁷⁰	15.03	17.28	17.19	5,010	92%
April	2.384	1.804 ⁷¹	22.75	4.46	19.3	3,607	79%
May	1.887	1.380 ⁷²	22.92	4.005	18.07	3,264	73%
June	2.295	1.148 ⁷³	16.47	4.9	22	3,086	75%
July	2.2	1.406 ⁷⁴	17.95	5.75	22.3	3,820	80%
August	2.112	1.114 ⁷⁵	16	4.2	15.1	3,417	84%
September	2.514	1.703	16.35	6.35	14.6	2,707	72%
October	2.46	1.542	16.15	7.95	18.6	3,044	80%
November	1.95	1.320	16.5	7.7	17.9	3,324	77%
December	2.16	1.520	18.3	10.5	17.6	4,222	88%
January 2005	2.10	1.367	12.7	6.7	20.65	5,017	75%
February	2.10	1.431	15.9	8.55	21.2	5,003	84%
March	2.09	1.394	19.7	8.05	20.3	4,894	93%
April	2.14	1.398	18.3	7.6	23.7	5,219	97%
May	2.1	1.308	22.2	4.4	22.5	5,030	93%
June	2.17	1.377	18.9	6.25	18.3	5,137	97%
July	2.17	1.550	19.9	5.9	23.9	4,474	97%
August	2.16	1.504	19.3	5.2	23.8	5,072	96%
September	2.11	1.60	17.3	4.4	20.9	4,888	87%
October	1.91	1.239	17.0	8.6	18.9	4,784	90%
November	1.98	1.168	17.3	8.2	19.9	5,526	88%
December	1.92	1.071	16.1	8.0	17.5	5,046	81%
January 2006	1.73	1.05	14.0	6.3	18.1	3,716	72%
February	1.83	1.47	10.1	5.0	12.2	2,263	55%
March	2.1	1.32	12.0	5.7	14.9	2,798	65%
April	2.14	1.60	13.5	4.5	16.9	2,855	67%
May	2.13	1.51	15.2	4.8	17.4	3,577	82%
June	2.30	1.67	15.7	4.3	16.1	3,217	80%
July	2.22	1.68	11.0	2.78	13.3	1,719	52%
August	2.24	1.68	12.4	4.47	16.5	3,242	71%
September	2.34	1.65	13.4	6.0	18.3	3,270	77%
October	2.26	1.55	10.8	4.7	15.4	3,102	57%
November	2.10	1.44	11.1	6.4	13.9	2,747	54%
December	2.11	1.51	9.3	7.2	8.8	2,332	50%
Stated Interim Goal:	2.5 revised down from 2.8-3.0 in February 2005	N/A	21.0 revised down from 23.4 in Dec. 2006	16.8 revised up from 16.4 in Dec. 2006	22.5 revised down from 27.4 in December 2006	5,630 Revised up from 5,500 in December 2006	We assume that supplies for each category cannot exceed 100% of goal
MoO National Target (2010+)	5.5	4.6	N/A	N/A	N/A	5,300	N/A

NOTE ON FUEL TABLE: Above data as of December 20, 2006. The ratio of Iraq price to international price is 4.0 for LPG, 3.0 for regular and 6.9 for premium gasoline, 0.7 for kerosene and 1.5 for diesel.⁷⁶ Kerosene imports began 5 October, 2003. All previous months cover only production. The statistics for September 2005 are based on incomplete data and represent averages for approximately half of the month. Ministry of Oil (MoO) National Target numbers are courtesy of the US Department of Defense, January 23, 2006.

OIL REVENUE FROM EXPORTS⁷⁷

Time	Oil revenue (\$ billions)
June 2003	0.2
July	0.36
August	0.44
September	0.73
October	0.89
November	1.21
December	1.26
January 2004	1.26
February	1.10
March	1.61
April	1.50
May	1.36
June	1.28
July	1.40
August	1.24
September	1.75
October	1.99
November	1.25
December	1.44
January 2005	1.49
February	1.34
March	1.99
April	1.83
May	1.57
June	2.03
July	2.47
August	2.63
September	2.74
October	1.90
November	1.67
December	1.60
January 2006	1.84
February	2.16
March	2.25
April	3.02
May	2.92
June	3.03
July	3.41
August	3.44
September	2.73
October	2.45
November	2.19
December	1.26
Total as of December 20, 2006	\$76.4

ELECTRICITY⁷⁸

Time	Average amount of electricity generated (Megawatts)		Average hours of electricity/day		Average of mega watt hours (MWH)
	Nation-wide	Baghdad	Nation-wide	Baghdad	
Estimated prewar level	3,958	2,500	4-8	16-24	95,000
May 2003	500	300	4-8	4-8	N/A
June	3,193	707	N/A	N/A	N/A
July	3,236	1,082	N/A	N/A	N/A
August	3,263	1,283	N/A	N/A	72,435
September	3,543	1,229	N/A	N/A	75,000
October	3,948	N/A	N/A	N/A	79,000
November	3,582	N/A	N/A	N/A	70,000
December	3,427	N/A	N/A	N/A	72,000
January 2004	3,758	N/A	N/A	N/A	79,000
February	4,125	1,307	13	13.4	90,000
March	4,040	1,192	16	16.4	86,000
April	3,823	1,021	15	14.8	78,000
May	3,902	1,053	11	12.2	80,000
June	4,293	1,198	10	11	93,500
July	4,584	N/A	10	12	100,300
August	4,707	1,440	13	15	109,900
September	4,467	1,485	13	14	107,200
October	4,074	1,280	13	16	99,306
November	3,199	845	13	N/A	76,550
December	3,380	N/A	N/A	N/A	81,114
January 2005	3,289	985	9	9.0	78,925
February	3,611	1,180	8.5	10.3	86,675
March	3,627	994	11.8	11.0	87,051
April	3,390	854	9	11.5	81,350
May	3,712	N/A	8.4	9.5	89,088
June	4,153	N/A	9.4	10.4	102,525
July	4,446	N/A	12.6	10.9	106,713
August	4,049	N/A	12.0	8.4	97,165
September	4,159	N/A	13.5	10.4	101,916
October	3,685	N/A	14.3	8.9	88,442
November*	3,742	N/A	13.3	8.8	89,800
December**	3,800	N/A	12.0	6.1	91,400
January 2006	3,640	N/A	9.8	4.0	87,400
February	3,700	N/A	10.3	5.9	88,600
March	4,000	N/A	13.1	7.8	96,300
April	3,700	N/A	10.9	4.5	88,500
May	3,900	N/A	9.9	3.9	92,700
June	4,400	N/A	11.9	8.0	106,100
July	4,400	N/A	11.4	7.0	106,700
August	4,430	N/A	10.9	6.2	106,400
September	4,000	N/A	10.8	5.3	95,600
October	4,000	N/A	12.3	6.7	96,600
November	3,700	N/A	10.9	6.9	88,000
December	3,500	N/A	9.4	6.7	85,000
Stated Goal:	6,000 to have been reached by July 1, 2004	2,500 to have been reached by October 2003	US Interim Target: 10-12 hours National Target: 24 hours	US Interim Target: 10-12 hours National Target: 24 hours	120,000

NOTE ON ELECTRICITY TABLE: The demand for electricity ranges from 8,500 to 9,000 MW nationwide.⁷⁹ There are also about 1000 MW of connected private generators in and around Baghdad.⁸⁰

* Please see footnote. ** The data for December 2005 and thereafter for the average amount of electricity generated and average MW hours is estimated based on the graph relating to electricity in the Iraq Weekly Status Report, *Department of State*.

National Target numbers are courtesy of the US Department of Defense, January 23, 2006.

Above data as of December 20, 2006.

NATIONWIDE UNEMPLOYMENT RATE SINCE MAY, 2003

Month	Unemployment Rate Nation-wide
May 2003	N/A
June	50 – 60%
July	N/A
August	50-60%
September	N/A
October	40 – 50%
November	N/A
December	45-55%
January 2004	30 – 45%
February	30 – 45%
March	30- 45%
April	30 – 45%
May	30-45%
June	30-40%
July	30-40%
August	30-40%
September	30-40%
October	30-40%
November	30-40%
December	28-40%
January 2005	27-40%
February	27-40%
March	27-40%
April	27-40%
May	27-40%
June	27-40%
July	27-40%
August	27-40%
September	27-40%
October	27-40%
November	25-40%
December	25-40%
January 2006	25-40%
February	25-40%
March	25-40%
April	25-40%
May	25-40%
June	25-40%
July	25-40%
August	25-40%
September	25-40%
October	25-40%
November	25-40%

NOTE ON NATIONWIDE UNEMPLOYMENT TABLE: Estimates of Iraq’s unemployment rate varies, but we estimate it to be between 25-40%. The CPA has referred to a 25% unemployment rate, the Iraqi Ministry of Planning mentioned a 30% unemployment rate, whereas the Iraqi Ministry of Social Affairs claims it to be 48%. “Reconstructing Iraq,” *International Crisis Group*, Report, September 2, 2004, p. 16, footnote 157. There is an inherent difficulty in measuring the Iraqi rate of unemployment over time. Because recent estimates are likely to be more accurate than older ones, but also higher, this means that despite an improvement in the economic situation nationwide, the numbers give the impression that it is getting worse. Considering the increase in entrepreneurial activity after the end of the war, we have for the purposes of this database assumed that there has been an improvement in unemployment levels, and hence weighted information supporting such a conclusion heavier than contradictory data reports. N/A= Not available

GDP ESTIMATES AND PROJECTIONS, 2002-2005⁸¹

	2002	2003	2004	2005 p
Population	25.5	26.3	27.1	27.9
Nominal GDP (in USD billion)	20.5	13.6	25.5	29.3
Of which non-oil GDP (%)	32	32	33	37
Real GDP Growth Rate (%)	-7.8	-41.4	46.5	3.7
Per Capita GDP (USD)	802	518	942	1,051
Consumer Price Inflation (annual average)	19	34	32	20

WORLD BANK ESTIMATE OF IRAQ RECONSTRUCTION NEEDS⁸²

As of January 2004

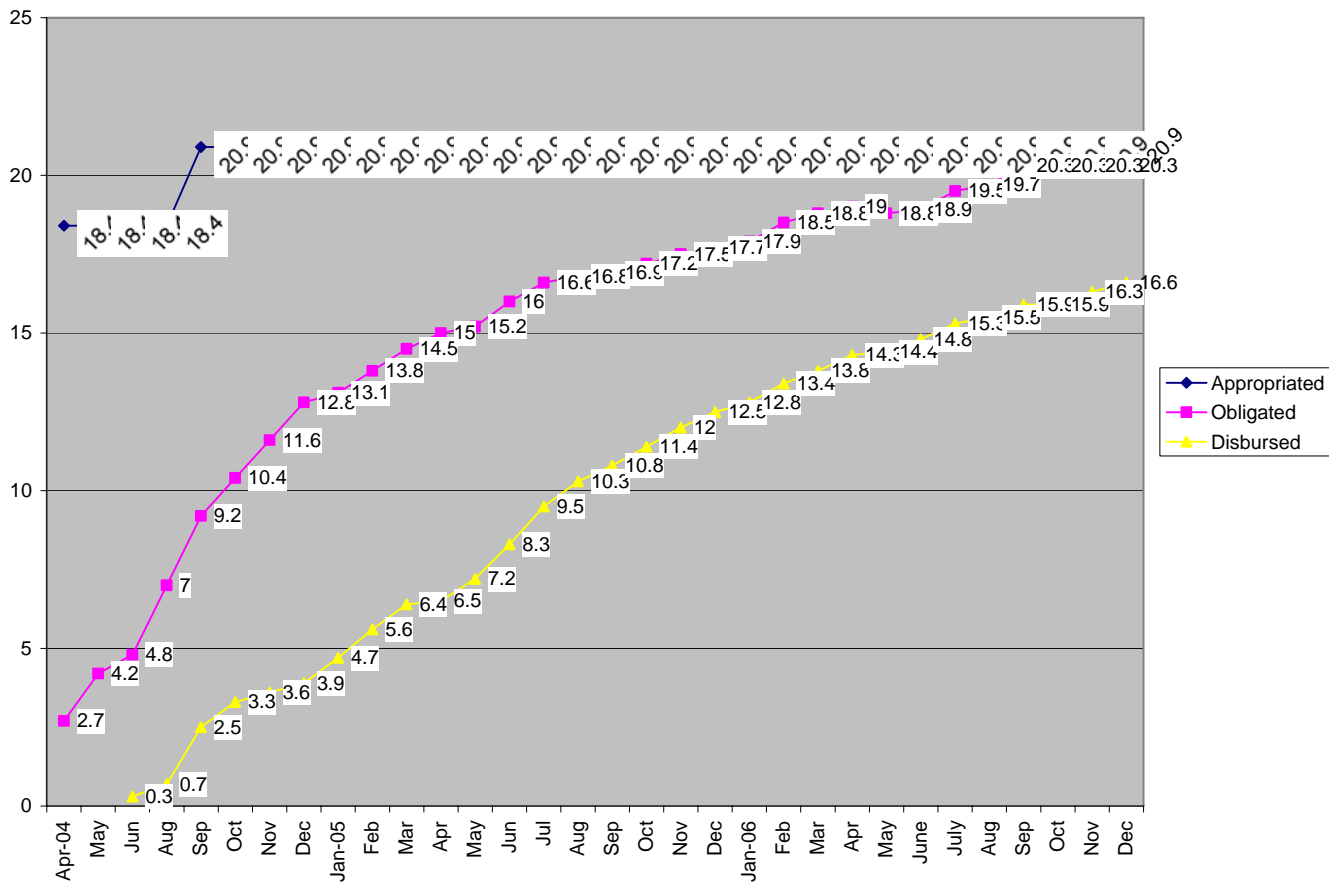
Category	Millions of dollars		
	2004	2005-2007	Total
Government Institutions, Civil Society, Rule of Law & Media	99	288	387
Health, Education, Employment Creation	1,880	5,310	7,190
Infrastructure	5,836	18,368	24,204
Agriculture and Water Resources	1,230	1,797	3,027
Private Sector Development	176	601	777
Mine Action	80	154	234
Total	9,301	26,518	35,819

C.P.A.-ESTIMATED NEEDS IN SECTORS NOT COVERED BY THE UN/WORLD BANK ASSESSMENT⁸³

As of January 2004

Category	Millions of dollars		
	2004	2005-2007	Total
Security and Police	5,000	-	5,000
Oil	2,000	6,000	8,000
Culture	140	800	940
Environment	500	3,000	3,500
Human rights	200	600	800
Foreign Affairs	100	100	200
Religious Affairs	100	200	300
Science and Technology	100	300	400
Youth and Sport	100	200	300
Total of CPA estimates	8,240	11,200	19,440

AMERICAN AID APPROPRIATED, OBLIGATED AND DISBURSED TOWARDS THE IRAQ RELIEF AND RECONSTRUCTION FUND (IRRF I & II)⁸⁴



NOTE: As of December 20, 2006. An ‘appropriation’ is defined as a plan, approved by the Office of Management and Budget, to spend resources provided by law. *Quarterly Update to Congress: 2207 Report*, October 2004. An ‘obligation’ can be defined as “a definite commitment which creates a legal liability of the Government for the payment of appropriated funds for goods and services ordered or received.”

GAO/OGC-91-5: *Principles of Federal Appropriations Law*, Office of the General Council, July 1991. A ‘disbursement’ is an actual payment (check goes out the door) for goods/services received. *GAO-04-902 R: Rebuilding Iraq*, General Accounting Office, June 2004.

IRRF2 PROGRAM STATUS (as of June 30, 2006, in millions)⁸⁵

Sector	2207 Report Spending Plan	Apportioned	Committed	Obligated	Expended
Security and Law Enforcement	\$5,036.00	\$5,036.00	\$4,963.30	\$4,946.80	\$4,550.10
Electric Sector	4,220.00	4,220.00	3,969.20	3,484.30	2,346.40
Water Resources and Sanitation	2,131.10	2,131.10	1,988.20	1,676.00	1,139.80
Justice, Public Safety, and Civil Society	1,340.90	1,316.00	1,251.50	1,204.40	862
Democracy	1,013.90	1,033.90	981.5	979.3	797.8
Oil Infrastructure	1,724.70	1,735.60	1,689.60	1,647.30	997
Private Sector Employment Development	805.3	805.3	799.1	794.2	659.3
Health Care	746.3	739	704.5	664	493.2
Transportation and Telecommunications Projects	469.1	465.5	449.5	427.8	295.7
Education, Refugees, Human Rights, and Governance	410	410	378.8	354.2	281.5
Roads, Bridges and Construction	333.7	333.7	317	313.4	184.6
Administrative Expense	213	213	212.4	212.4	102.8
Total by Sector	\$18,444.00	\$18,439.10	\$17,704.60	\$16,704.10	\$12,710.20
Construction			10,095.30	9,314.10	6,692.20
Non-Construction			6,627.60	6,410.70	5,220.20
Democracy			981.5	979.3	797.8
Total by Program			\$17,704.60	\$16,704.10	\$12,710.20

NOTE ON IRRF CHARTS: IRRF was established by the U.S. Congress in 2003, to rebuild Iraq's infrastructure, which was damaged from years of neglect, sanctions, and war. The \$2.4 billion IRRF was set up in the Emergency Wartime Supplemental Appropriations Act - 2003, [P.L. 108-11](#) (enacted April 16, 2003). IRRF 2 is funded with \$18.6 billion (\$18.4 billion after subtracting \$210 million assistance for Jordan, Liberia, and Sudan) in the Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan - 2004, [P.L. 108-106](#) (enacted November 6, 2003).

PLEDGES OF RECONSTRUCTION AID TO IRAQ BY COUNTRY, AS OF JUNE 30, 2006⁸⁶

Australia	76,590,974
Austria	5,478,165
Belgium	5,890,500
Bulgaria	640,000
Canada	187,466,454
China	25,000,000
Cyprus	117,810
Czech Republic	14,659,023
Denmark	66,952,384
Estonia	82,467
Finland	5,890,500
Germany	10,000,000
Greece	3,534,300
Hungary	1,237,005
Iceland	2,500,000
India	10,000,000
Iran	10,000,000
Ireland	3,534,300
Italy	235,620,020
Japan	4,964,000,000
South Korea	200,000,000
Kuwait	565,000,000
Lithuania	30,000
Luxembourg	2,356,200
Malta	27,000
Netherlands	9,424,801
New Zealand	4,341,975
Norway	12,867,617
Oman	3,000,000
Pakistan	2,500,000
Qatar	100,000,000
Saudi Arabia	500,000,000
Slovenia	419,382
Spain	220,000,000
Sri Lanka	75,500
Sweden	33,000,000
Turkey	50,000,000
United Arab Emirates	215,000,000
United Kingdom	452,326,416
Vietnam	700,000
<i>Subtotal</i>	<i>8,000,262,793</i>
European Commission	715,620,000
<i>Subtotal</i>	<i>8,715,882,793</i>
INTERNATIONAL FINANCIAL INSTITUTIONS	
IMF (low range)	2,550,000,000
World Bank (low range)	3,000,000,000
Islamic Development Bank	300,000,000
<i>Subtotal</i>	<i>5,850,000,000</i>
TOTAL (Without the United States)	\$14,565,882,793

NOTES ON PLEDGES OF RECONSTRUCTION AID TABLE:

The World Bank, United Nations and CPA estimated Iraq will need \$56 billion for reconstruction and stabilization efforts from 2004 to 2007, but that estimate is probably too low.⁸⁷

UPDATE ON 2003 MADRID CONFERENCE PLEDGES: Of the \$13.5 billion pledged by donors other than the United States, \$3.2 billion has been disbursed as of December 2005. Measuring Stability and Security in Iraq February 2006, Report to Congress in Accordance with the Department of Defense Appropriations Act 2006 (Section 9010), page 14.

ESTIMATED COSTS OF U.S. OPERATIONS IN IRAQ UNDER TWO SCENARIOS⁸⁸

Scenario One: Assuming Removal of All Troops by the End of Calendar Year 2009

	2003-2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total 2007-2016
Defense Activities	254	69	52	31	10	4	1	0	0	0	0	166
Iraqi Security Forces	14	3	3	3	2	1	1	1	*	*	*	15
Diplomatic Operations and Foreign Aid	22	3	3	2	1	1	1	1	1	1	1	15
Veterans' Programs	1	1	1	1	1	1	1	1	1	1	1	6
Total	291	75	59	36	14	6	3	3	2	2	2	202

Scenario Two: Assuming Reduction of Troops In-Theater to 40,000 by Calendar Year 2010

	2003-2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total 2007-2016
Defense Activities	254	82	67	49	30	25	22	22	23	24	24	368
Iraqi Security Forces	14	3	3	3	2	1	1	1	*	*	*	15
Diplomatic Operations and Foreign Aid	22	3	3	2	1	1	1	1	1	1	1	15
Veterans' Programs	1	1	1	1	1	1	1	1	1	1	1	8
Total	291	88	74	55	34	28	25	25	25	25	26	406

NOTE ON ESTIMATED COSTS OF U.S. OPERATIONS IN IRAQ TABLE:

* = less than \$500 million.

All data come from "Estimated Costs of U.S. Operations in Iraq Under Two Specified Scenarios," Congressional Budget Office, July 13, 2006. Numbers may not add up to totals because of rounding.

Estimates of funding during the 2003–2006 period are based on analysis of appropriation acts, the Department of Defense’s obligation reports, and budget justification material from the Department of Veterans Affairs. Estimates of funding during the 2007–2016 period are CBO’s projections for the specified scenarios.

ESTIMATED DEFENSE FUNDING PROVIDED FOR OPERATION IRAQI FREEDOM, 2003-2006⁸⁹

	Public Law	2003	2004	2005	2006	Total 2003- 2006
Emergency Wartime Supplemental Appropriations Act, 2003	P.L. 108-11 (Apr. 2003)	45				45
DoD's Transfers in 2003 from Regular Appropriations*	NA	1				1
Department of Defense Appropriations Act, 2004	P.L. 108-87 (Sept. 2003)		-4**			-4
Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, 2004	P.L. 108-106 (Nov. 2003)		52			52
Department of Defense Appropriations Act, 2005	P.L. 108-287 (Aug. 2004)		18			18
DoD's Transfers in 2004 from Regular Appropriations*	NA		1			1
Emergency Supplemental Appropriations for Defense, the Global War on Terror, and Tsunami Relief Act, 2005	P.L. 109-13 (May 2005)			51		51
DoD's Transfers in 2005 from Regular Appropriations*	NA			1		1
Department of Defense Appropriations Act, 2006	P.L. 109-148 (Dec. 2005)				42	42
Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery, 2006	P.L. 109-234 (June 2006)				45	45
DoD's Transfers in 2006 from Regular Appropriations*	NA				0	0
Total		46	68	53	87	254

NOTE ON ESTIMATED DEFENSE FUNDING PROVIDED FOR OPERATION IRAQI FREEDOM:

NA = not applicable.

All data come from "Estimated Costs of U.S. Operations in Iraq Under Two Specified Scenarios," Congressional Budget Office, July 13, 2006. Numbers may not add up to totals because of rounding.

CBO estimated funding provided for Operation Iraqi Freedom in these appropriation acts by allocating funds on the basis of obligations reported by the Department of Defense (DoD). The figures exclude approximately \$11 billion in budget authority provided in 2005 and 2006 for restructuring Army and Marine Corps units, approximately \$18 billion in budget authority for classified activities, and \$9 billion in funding for Iraqi security forces.

* For each year, most transfers were of funds appropriated in that year; small amounts were transferred from funds appropriated in prior years.

** Rescission of funds appropriated in 2003 in P.L. 108-11.

FUNDING FOR IRAQI SECURITY FORCES, DIPLOMATIC OPERATIONS, AND FOREIGN AID PROVIDED FOR IRAQ, 2003 TO 2006⁹⁰

	Public Law	2003	2004	2005	2006	Total, 2003-2006
Emergency Wartime Supplemental Appropriations Act, 2003 <i>Diplomatic operations and foreign aid</i>	P.L. 108-11 (April 2003)	3	---	---	---	3
Emergency Supplemental Appropriations Act for Defense and for the Reconstruction of Iraq and Afghanistan, 2004 <i>Iraqi security forces</i> <i>Diplomatic operations and foreign aid</i>	P.L. 108-106 (November 2003)	---	5 15	---	---	5 15
Department of Defense Appropriations Act, 2005 <i>Diplomatic operations and foreign aid</i>	P.L. 108-287 (August 2004)	---	1	---	---	1
Emergency Supplemental Appropriations for Defense, the Global War on Terror, and Tsunami Relief Act, 2005 <i>Iraqi security forces</i> <i>Diplomatic operations and foreign aid</i>	P.L. 109-13 (May 2005)	---	---	6 1	---	6 1
Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery, 2006 <i>Iraqi security forces</i> <i>Diplomatic operations and foreign aid</i>	P.L. 109-234 (June 2006)	---	---	---	3 3	3 3
Total, Iraqi Security Forces		0	5	6	3	14
Total, Diplomatic Operations and Foreign Aid		3	15	1	3	22

NOTE ON FUNDING FOR IRAQI SECURITY FORCES, DIPLOMATIC OPERATIONS, AND FOREIGN AID TABLE:

All data come from "Estimated Costs of U.S. Operations in Iraq Under Two Specified Scenarios," Congressional Budget Office, July 13, 2006. Numbers may not add up to totals because of rounding.

Funds for Iraqi security forces were initially appropriated to the Department of State in 2004 and to the Department of Defense in 2005 and 2006.

INFLATION⁹¹

Time	Inflation
2003	36%
2004	32%
2005	20%

OTHER ECONOMIC INDICATORS

Foreign banks granted licenses that have started operations in Iraq⁹²	0
Percent of Iraq's export earnings from oil⁹³	98% (~ \$21 billion)
Oil Export Peak⁹⁴	April 2004, 1.8 million barrels per day (2005 average is 1.4 million bpd)
Cost of Imported Gasoline⁹⁵	30-35 cents per liter
Domestic Price of Gasoline	1.5 cents per liter

TRAINED JUDGES⁹⁶

Time	Number of trained judges
May 2003	0
June 2004	175
May 2005	351
October	351
May 2006	<800
August	740

NOTE ON TRAINED JUDGES CHART: As of October 2005, all provincial courts are operational and there exist 99 trained judicial investigators. 135 of 869 judges were removed because of substantial evidence of corruption or Ba'ath Party affiliation.⁹⁷ The estimated need for is for 1,500 judges according to the US Department of Justice.⁹⁸

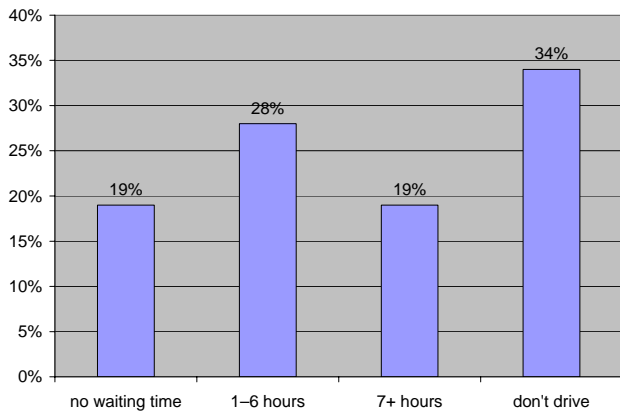
RELATIVE AMOUNT OF CAR TRAFFIC

Relative amount of car traffic (Prewar level 1.0)	
July 2003	1.0
January 2004	2.0
July 2004	3.0
January 2005	5.0

TYPICAL WAITING TIME FOR GASOLINE – JULY 2003-MAY 2005

Typical Length of Gasoline Line (hours)	
July 2003	0.1
January 2004	0.5
July 2004	1.0
January 2005	1.0
May 2005	1.0 ⁹⁹

TYPICAL WAITING TIME FOR GASOLINE – NOVEMBER 2005¹⁰⁰



NUMBER OF REGISTERED CARS¹⁰¹

Pre-War	1.5 million
October 2005	3.1 million

TELEPHONE SUBSCRIBERS¹⁰²

Time	Telephone subscribers
Estimated prewar level	833,000
September	600,000
December	600,000
January 2004	600,000
February	900,000
March	984,225
April	1,095,000
May	1,220,000
June	1,200,000
July	N/A
August	1,463,148
September	1,579,457
October	1,753,000
November	2,135,000
December	2,152,000
January 2005	2,449,139
February	2,569,110
March	2,982,115
April	3,172,771
May	~3,450,000
June	3,801,822
July	~4,100,000
August	4,590,398
March 2006	6,836,854
April	~7,400,000
August	~8,100,000
Previous goal (Jan. 2004)	1,100,000

NOTE ON TELEPHONE SUBSCRIBERS TABLE: The estimated pre-war level represents only land telephone lines, as Iraq had no nationwide cellular network. Post-war data includes landlines and cellular subscribers.

INTERNET SUBSCRIBERS¹⁰³

Time	Internet subscribers (does not include unregulated users of Internet cafes)
Estimated prewar level	4,500
September 2003	4,900
January-April 2004	N/A
May	54,000
June	59,000
July	73,000
August	87,000
September	95,000
October	102,978
November	110,000
January 2005	124,293
March	147,076
April 2006	207,000
August	197,310

TONS OF MAIL SENT BY IRAQIS¹⁰⁴

2001	148 tons sent (231 tons received)
2003	37 tons sent
2004	43 tons sent
2005	54 tons sent

NOTE ON TONS OF MAIL CHART: Mail volumes may also be dampened by increasing e-mail and phone usage.

MEDIA¹⁰⁵

Time	Commercial TV stations	Commercial radio stations	Independent newspapers and magazines
Prewar	0	0	0
May 2003	0	0	8
June 2004	13	74	150
January 2005	10	51	100
March	N/A	N/A	200
April	24	80	170
May	23	80	170
July	29	N/A	170
September	44	72	Over 100
December	44	91	294
March 2006	54	114	268

DOCTORS IN IRAQ¹⁰⁶

Iraqi Physicians Registered Before the 2003 Invasion	34,000
Iraqi Physicians Who Have Left Iraq Since the 2003 Invasion	12,000 (estimate)
Iraqi Physicians Murdered Since 2003 Invasion	2,000
Iraqi Physicians Kidnapped	250
Average Salary of an Iraqi Physician	7.5 million Iraqi dinars per year (or ~\$5,100 per year)
Annual Graduates from Iraqi Medical Schools	2,250
Percentage of Above That Will Work Outside of Iraq	20%

NOTE: Numbers are estimates.

CURRENT WATER PROJECTS OUTPUTS VS. CPA GOALS¹⁰⁷

Output Metric	Pre-War Level (2003)	Stated Goal by CPA (2003)	Status as of 3/21/2006	Anticipated End-State
Water – People with Potable Water Availability	12.9 Million	23.4 Million	9.7 Million 4.2 Million added*	13.9 Million 8.4 Million added
Sewerage – People with Sewerage System Coverage	6.2 Million	2.5 Million	5.6 Million 5.1 Million added*	5.8 Million 5.3 Million added
Water Treatment Capacity	3 Million m ³ /day	10 Million m ³ /day	1.3 Million m ³ /day	2.5 Million m ³ /day

NOTES ON CURRENT WATER PROJECTS TABLE: Outputs include total added since war and include IRRF and other funding streams.

EDUCATION INDICATORS 1998 - 2004¹⁰⁸

Literacy	Overall (Ages 15 +): 65%	In Youth (Ages 15-24): 74%
Primary School Enrollment	Net: 79% (93% in Jordan, 96% in Syria)	
	Gross: 99% (95% in ME and NA)	
	Males: 109%	Females: 89%
Average Monthly Teacher Salaries¹⁰⁹	Before New Government: \$2	After New Government: \$100

EDUCATION INDICATORS - ENROLLMENT¹¹⁰

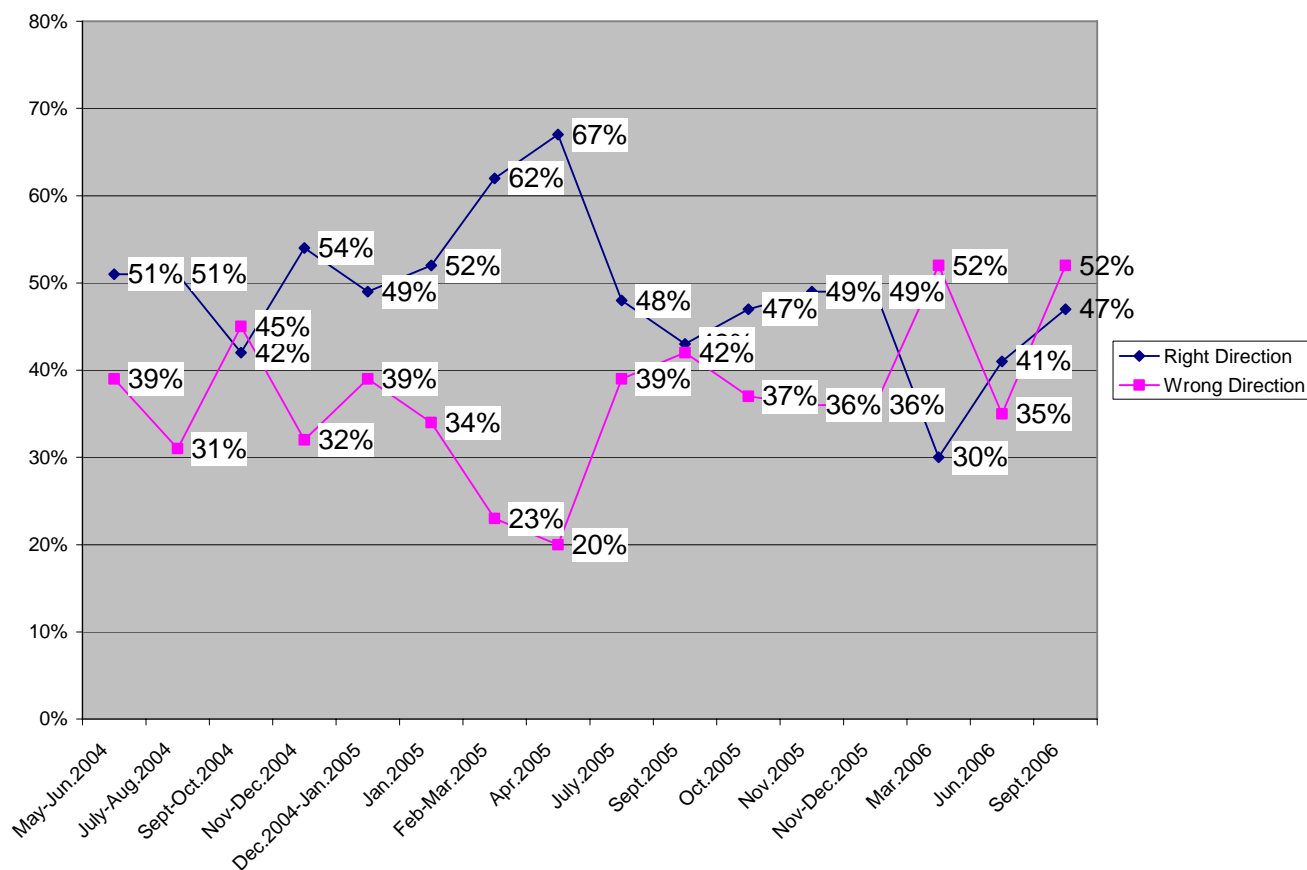
Number of Children Enrolled in Primary Schools Nationwide	2002: 3.5 million
	2005: 3.7 million (5.7% increase)
Number of Children Enrolled in Middle Schools and High Schools Nationwide	2002: 1.1 million
	2005: 1.4 million (27% increase)
Percent of High School aged Iraqis Enrolled in School in 2003	33%
Percent of High School aged Iraqi BOYS enrolled in 2004	50%
Percent of High School aged Iraqi GIRLS enrolled in 2004	35%

NOTE ON EDUCATION INDICATORS: Education numbers do not include the Kurdish regions, which are administratively separate. Iraq's population increased to 26 million (8% increase) from 2002 to 2005. Sabrina Tavernise, "Amid Iraqi Chaos, Schools Fill After Long Decline," *New York Times*, June 26, 2006.

POLLING/POLITICS

**SEPTEMBER 27, 2006: WORLD PUBIC OPINION.ORG
PROGRAM ON INTERNATIONAL POLICY ATTITUDES (PIPA)
THE IRAQI PUBLIC ON THE US PRESENCE AND THE FUTURE OF IRAQ¹¹¹**

TRENDS FOR QUESTION: DO YOU THINK IRAQ TODAY IS GENERALLY HEADING IN THE RIGHT OR WRONG DIRECTION? (MAY 2004 – SEPTEMBER 2006)



APPROVAL OF ATTACKS ON US-LED FORCES

	January 2006	September 2006
Overall	47%	61%
Shia	41%	62%
Sunni	88%	92%
Kurd	16%	15%

QUESTION TO IRAQIS: PLEASE TELL ME HOW MUCH CONFIDENCE YOU HAVE IN THOSE FORCES TO PROTECT YOUR SECURITY

Force	Some / A Lot of Confidence	None / Little Confidence
Police	71%	30%
Iraqi Army	64%	37%
Iraqi Interior Ministry	62%	38%

QUESTION TO IRAQIS: HOW LIKELY DO YOU THINK IT IS THAT 5 YEARS FROM NOW IRAQ WILL STILL BE A SINGLE STATE?

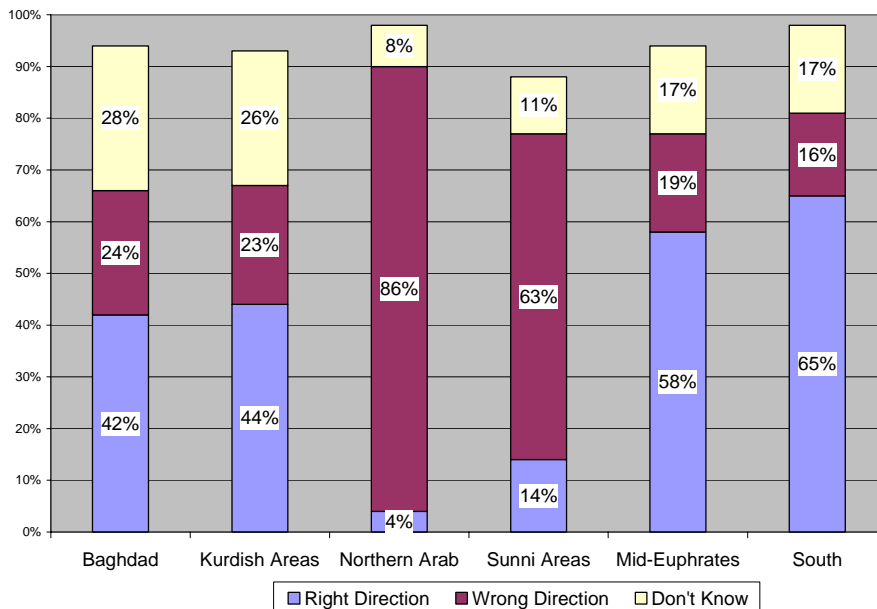
Very / Somewhat Likely	
Overall	72%
Shia	80%
Sunni	56%
Kurd	65%
Not Very / Not At All Likely	
Overall	28%
Shia	19%
Sunni	45%
Kurd	25%

QUESTION TO IRAQIS: WOULD YOU PREFER TO HAVE A STRONG GOVERNMENT THAT WOULD GET RID OF ALL MILITIAS OR DO YOU THINK IT WOULD BE BETTER TO CONTINUE TO HAVE MILITIAS TO PROTECT YOUR SECURITY?

Strong Government That Would Get Rid of Militias	
Overall	77%
Shia	65%
Sunni	100%
Kurd	82%
Continue To Have Militias	
Overall	21%
Shia	33%
Sunni	*
Kurd	15%

JUNE 14-24, 2006: INTERNATIONAL REPUBLICAN INSTITUTE¹¹²

REGIONAL BREAKDOWN FOR QUESTION: DO YOU FEEL THAT IRAQ IS GENERALLY HEADING IN THE RIGHT DIRECTION OR THE WRONG DIRECTION?



QUESTION TO IRAQIS: WHY DO YOU FEEL THAT IRAQ IS GENERALLY HEADING IN THE RIGHT DIRECTION OR THE WRONG DIRECTION?

Right Direction

Elected national government	31%
Freedom and democracy	21%
Getting rid of former regime	13%
Elections	12%
Having a constitution	7%

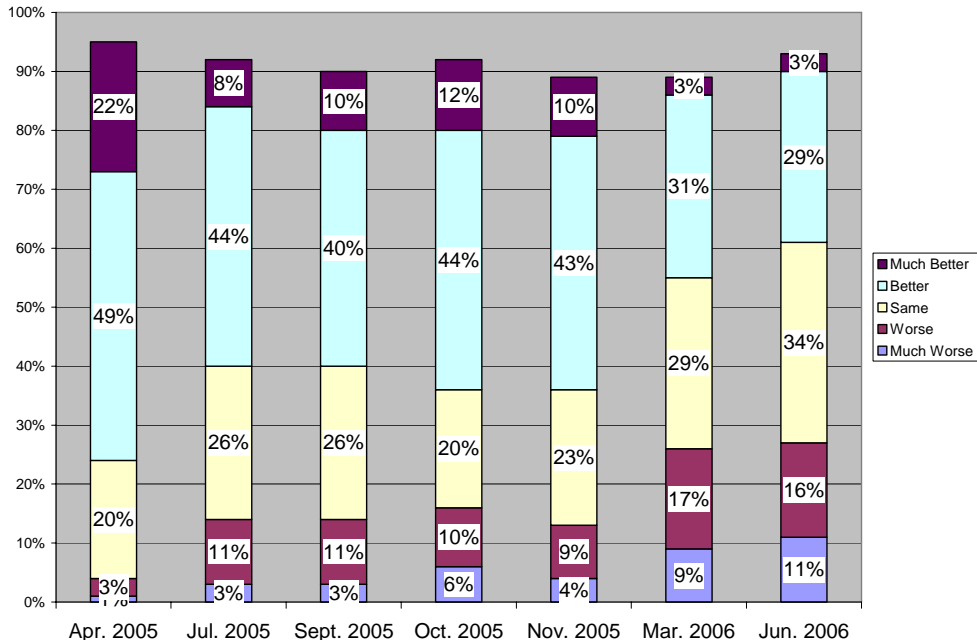
N = 1168

Wrong Direction

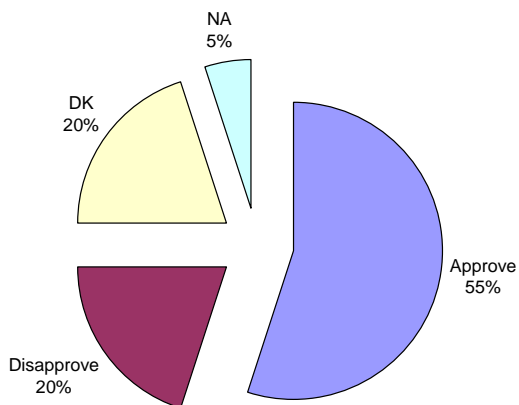
Bad security situation	34%
Presence of occupation	32%
Sectarian conflict	7%
Inactive government	7%
General instability	6%

N = 968

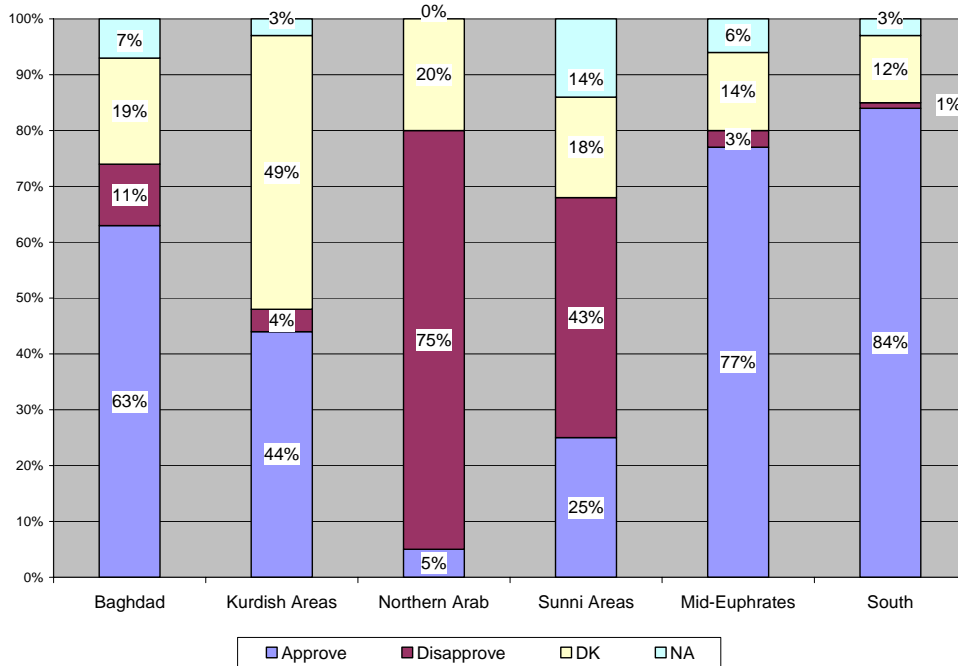
TRENDS FOR QUESTION: THINKING ABOUT THE FUTURE, DO YOU FEEL THAT THINGS WILL BE BETTER, THE SAME OR WORSE IN SIX MONTHS?



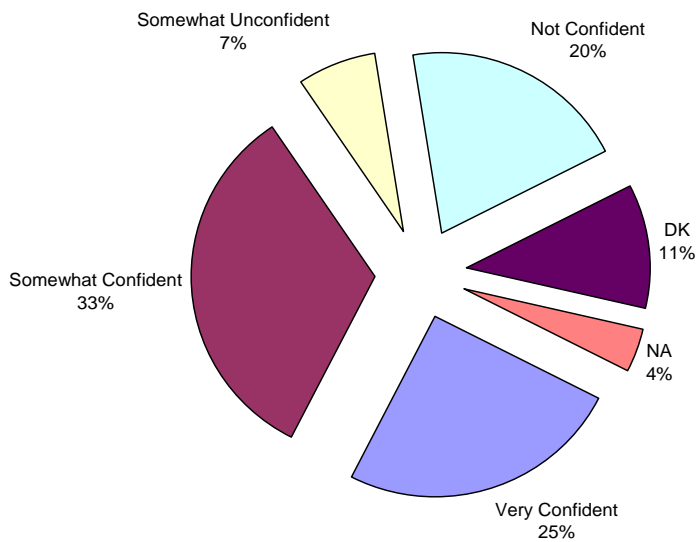
QUESTION TO IRAQIS: DO YOU APPROVE OR DISAPPROVE OF THE WAY PRIME MINISTER NOURI AL-MALIKI IS HANDLING HIS JOB?



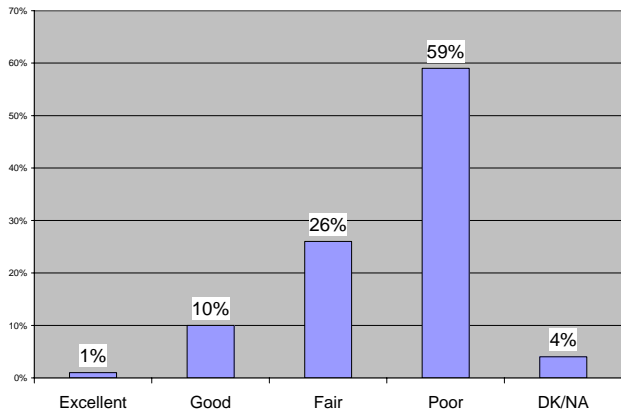
REGIONAL BREAKDOWN FOR QUESTION: DO YOU APPROVE OR DISAPPROVE OF THE WAY PRIME MINISTER NOURI AL-MALIKI IS HANDLING HIS JOB?



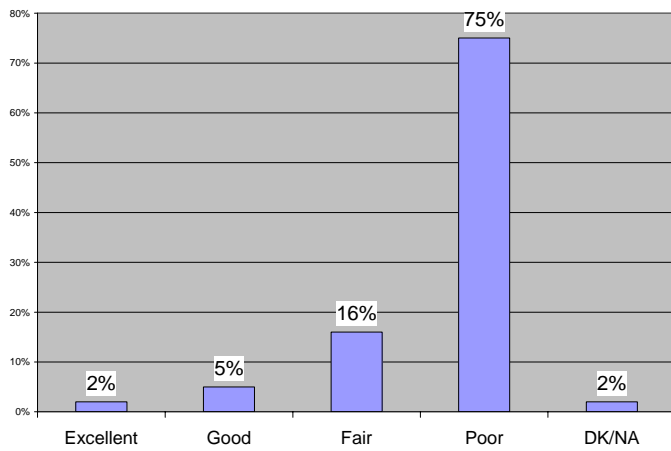
QUESTION TO IRAQIS: WHAT LEVEL OF OVERALL CONFIDENCE DO YOU HAVE IN THE GOVERNMENT ANNOUNCED BY PRIME MINISTER NOURI AL-MALIKI



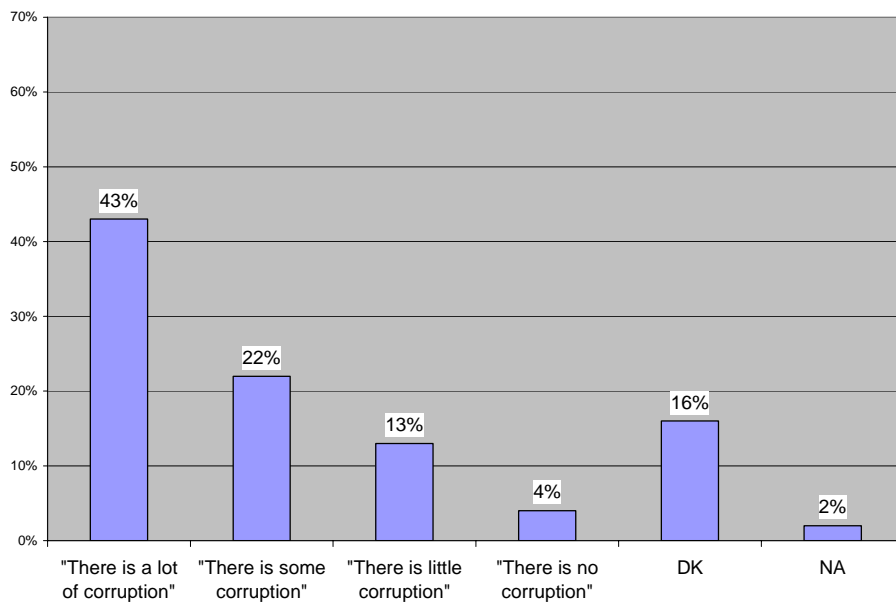
QUESTION TO IRAQIS: HOW WOULD YOU RATE THE ECONOMIC CONDITIONS IN IRAQ TODAY?



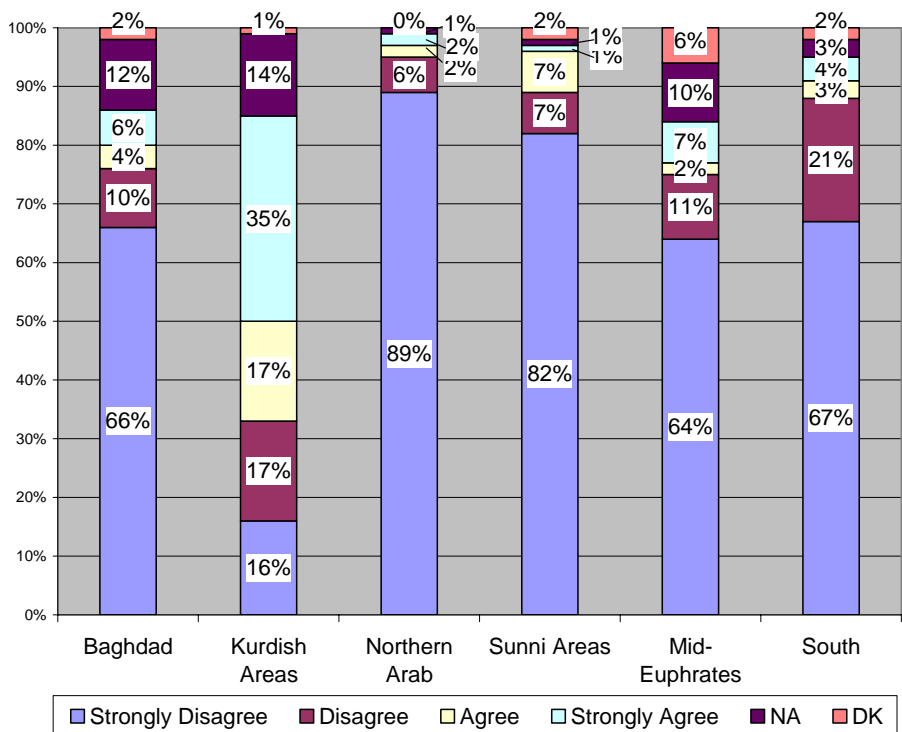
QUESTION TO IRAQIS: HOW WOULD YOU RATE SECURITY CONDITIONS IN IRAQ TODAY?



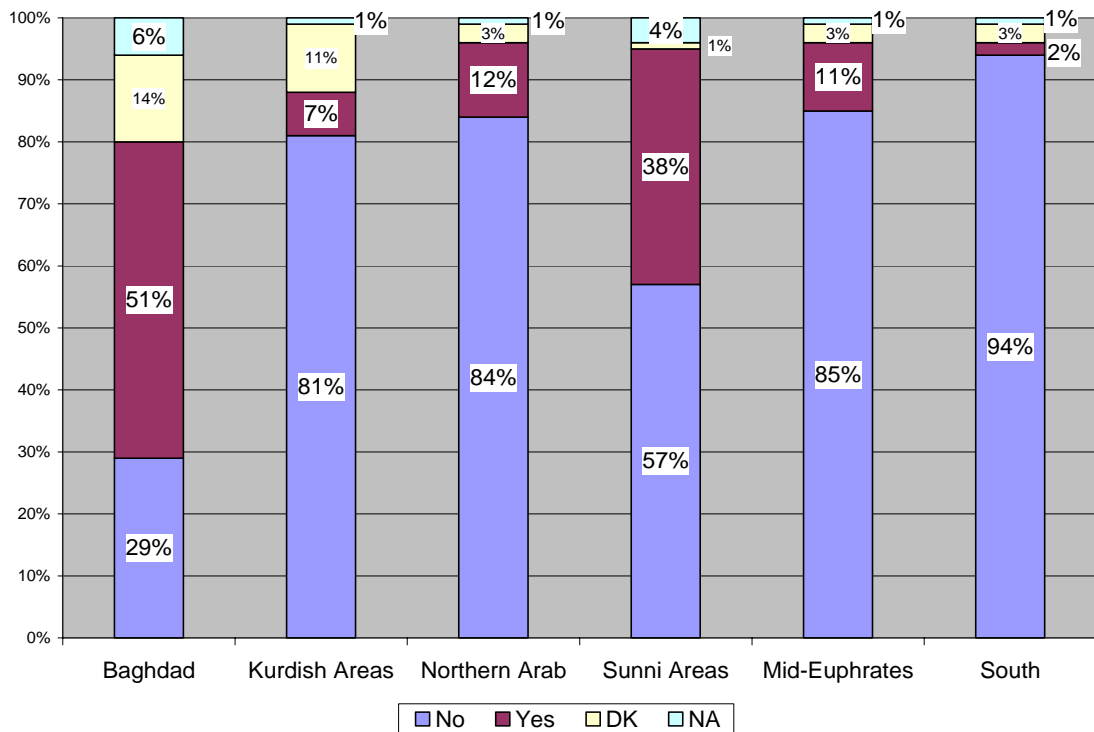
QUESTION TO IRAQIS: IN YOUR OPINION, WHICH STATEMENT BEST DESCRIBES THE LEVEL OF CORRUPTION IN IRAQI POLITICS AND GOVERNMENT TODAY?



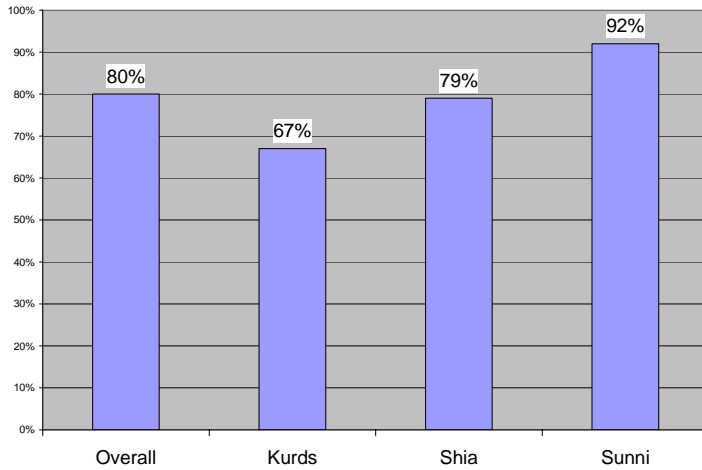
REGIONAL BREAKDOWN FOR QUESTION: SOME PEOPLE ARE CALLING FOR THE SEGREGATION OF IRAQIS ACCORDING TO RELIGIOUS OR ETHNIC SECT. DO YOU AGREE OR DISAGREE WITH THIS SUGGESTION?



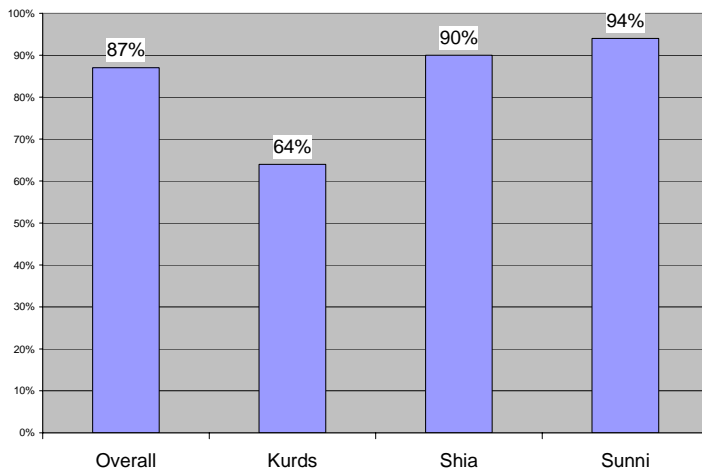
REGIONAL BREAKDOWN FOR QUESTION: DO YOU PERSONALLY KNOW SOMEONE WHO WAS FORCED TO LEAVE HIS NEIGHBORHOOD BECAUSE OF HIS ETHNIC OR RELIGIOUS IDENTITY?



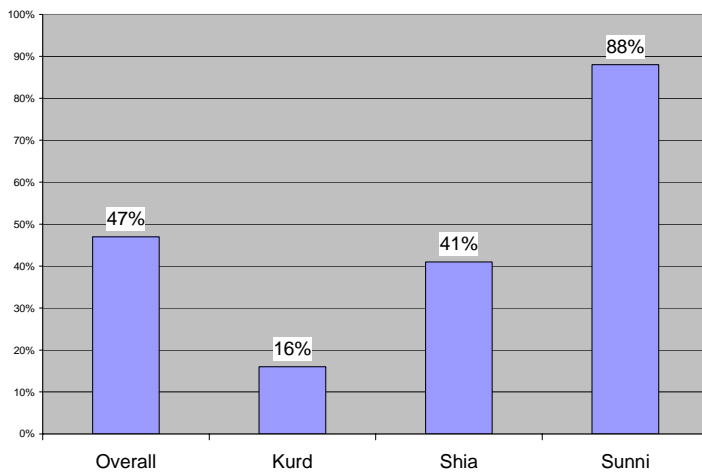
QUESTION TO IRAQIS: DO YOU THINK THE US GOVERNMENT PLANS TO HAVE PERMANENT MILITARY BASES IN IRAQ OR TO REMOVE ALL ITS MILITARY ONCE IRAQ IS STABILIZED? (cht shows those who feel the US plans permanent bases).



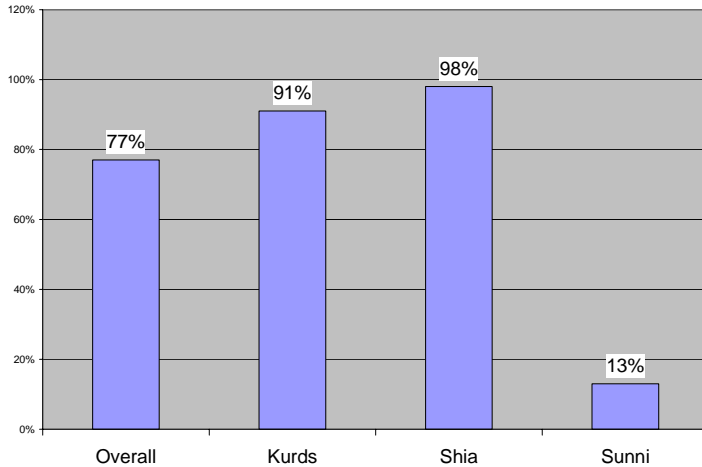
QUESTION TO IRAQIS: DO YOU APPROVE THE GOVERNMENT ENDORSING A TIMELINE FOR US WITHDRAWAL? (chart shows those answering yes).



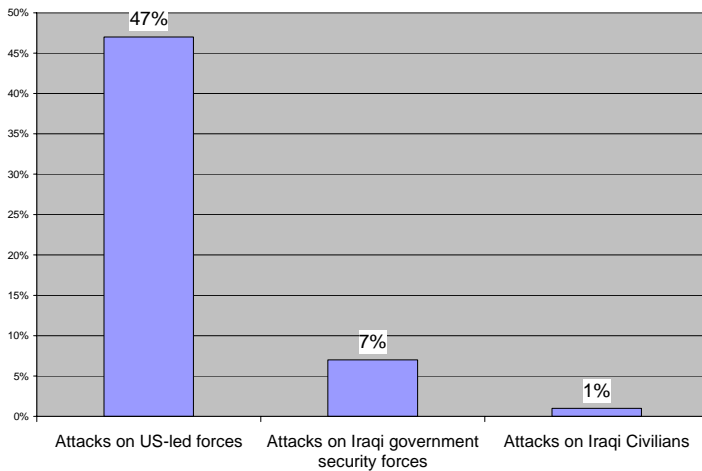
QUESTION TO IRAQIS: DO YOU APPROVE OR DISAPPROVE (STRONGLY OR SOMEWHAT) OF ATTACKS ON US-LED FORCES IN IRAQ? (chart shows those who approve).



QUESTION TO IRAQIS: THINKING ABOUT ANY HARDSHIPS YOU MIGHT HAVE SUFFERED SINCE THE US-BRITAIN INVASION, DO YOU PERSONALLY THINK THAT OUSTING SADDAM HUSSEIN WAS WORTH IT OR NOT? (chart shows those who responded “worth it”).



QUESTION TO IRAQIS: WHAT IS YOUR OVERALL SUPPORT FOR ATTACKS? (chart shows support for...)



BRITISH MINISTRY OF DEFENCE POLL: AUGUST 2005¹¹⁴

Iraqis who believe attacks against British and American troops are justified	45% (65% in Maysan province)
Iraqis “strongly opposed” to presence of Coalition troops	82%
Iraqis who believe coalition forces are responsible for any improvement in security	<1%
Iraqis who feel less secure because of the occupation	67%
Iraqis who believe conditions for peace and stability have worsened	43%
Iraqis who do not have confidence in multi-national forces	72%
Iraqis who rarely have safe, clean water	71%
Iraqis who never have enough electricity	47%
Iraqis whose sewage system rarely works	70%
Southern Iraqis unemployed	40%

In order to streamline our endnotes, we have removed most references to information from before August 1, 2006. These footnotes may be found in archived editions of the Iraq Index. <http://www.brookings.edu/fp/saban/iraq/indexarchive.htm>.

¹ Fatality numbers from January 1, 2005 and onwards are reported as documented daily from “Operation Iraqi Freedom U.S. Casualty Status,” *Department of Defense*. (www.defenselink.mil/news/casualty.pdf).

² Iraq Coalition Casualty Count, (icasualties.org/oif/stats.aspx).

³ Military Casualty Information, Statistical Information and Analysis Division, *Department of Defense*, (<http://siadapp.dior.whs.mil/personnel/CASUALTY/oif-deaths-total.pdf>).

⁴ Casualties update daily from “Operation Iraqi Freedom U.S. Casualty Status,” *Department of Defense*, (www.defenselink.mil/news/).

⁵ “Details of British Casualties,” *British Ministry of Defense*, (www.operations.mod.uk/telic/casualties.htm).

⁶ Iraq Coalition Casualty Count, (icasualties.org/oif/).

⁷ *Ibid.*

⁸ Monthly figures from January 2005 and onwards from Iraq Coalition Casualty Count, (www.icasualties.org/oif/IraqiDeaths.aspx).

⁹ Rick Jervis, “Pace of Troop Deaths Up in Iraq,” *USA Today*, July 1, 2005. 135 car bombs in April, 140 in May, 70 in June. Craig Smith, “US Contends Campaign Has Cut Suicide Attacks,” *New York Times*, August 5, 2005. 13 car bombs in week prior to August 5. Liz Sly, “Bombs Bad Enough But Guns Worse in Baghdad,” *Chicago Tribune*, August 11, 2005. 132 car bombs in May, 108 in June, 83 in July. The August 2005 number is an estimate based on Bradley Graham, “Zarqawi ‘Hijacked’ Insurgency; US General Says Foreign Fighters Now Seen as Main Threat,” *Washington Post*, September 28, 2005, which states that *suicide bombs* were reduced by 50% from May to August. September and October 2005 numbers are author’s estimates. The November 2005 number is from “Military: Offensive Thwarting Suicide Attacks,” *USA Today*, December 2, 2005, listed at 68. December 2005 number is an estimate. Numbers for January 2006 through April 2006 are based on Rick Jervis, “Car Bombings Down, Military Says,” *USA Today*, May 9, 2006, which states that from in that time period, there were a total of 284 car bombs. This averages to 71 per month during that period. May–September 2006 numbers are author’s estimates.

¹⁰ Josh White, Charles Lane and Julie Tate, “Homicide Charges Rare in Iraq War; Few Troops Tried for Killing Civilians,” *Washington Post*, August 28, 2006.

¹¹ UN Assistance Mission for Iraq, “Human Rights Report: 1 May–30 June 2006,” July 18, 2006; International Federation of Red Cross and Red Crescent Societies, “Operations Update: Iraq, Humanitarian Emergency,” June 14, 2006. UN Assistance Mission for Iraq, “Human Rights Report: 1 July – 31 August 2006,” September 20, 2006.

¹² Ellen Knickmeyer, “Iraq Puts Civilian Toll at 12,000,” *Washington Post*, June 3, 2005.

¹³ Ammar Karim, “Bombers Blitz Iraqi Forces, More Than 54 Dead in Attacks,” *Agence France Presse*, August 1, 2006. 23 killed, 20 wounded by roadside bomb. 7 killed, 10 wounded by car bomb. Robert H. Reid, “Dozens Killed in Attacks Across Iraq Including U.S., British Soldiers,” *Associated Press*, August 2, 2006. 14 killed, 37 wounded by suicide car bomb. 3 killed by suicide car bomb. 3 killed, 8 wounded by bomb. “Dozens Killed in Night Battles South of Baghdad,” *Agence France Presse*, August 3, 2006; Paul Schemm, “Iraq Expects Security Forces to Take Over This Year,” *Agence France Presse*, August 2, 2006. 16 killed, 10 wounded by bomb. Rawya Rageh, “Motorcycle Bombing Kills 12 in Baghdad,” *Associated Press Online*, August 3, 2006. 12 killed, 29 wounded by motorcycle bomb. Sameer N. Yacoub, “Dozens Die in Surge of Violence in Iraq,” *Associated Press Online*, August 5, 2006. 10 killed, 9 wounded by suicide car bomb. 4 killed by car bomb. “At Least 15 Killed in Suicide Bombing in Saddam’s Hometown,” *Agence France Presse*, August 6, 2006. 15 killed, 30 wounded by suicide bomber. Rawya Rageh, “3 Killed in U.S.-Iraqi Raid of Shiite Militia Stronghold in Baghdad,” *Associated Press*, August 7, 2006. 3 killed by roadside bombing. Ammar Karim, “Shiite Militia in Deadly Firefight with Iraqi and US Forces,” *Agence France Presse*, August 7, 2006. 10 killed, 18 wounded by suicide truck bomb. Jay Deshmukh, “Attacks Kill 24 in Baghdad Despite Security Crackdown,” *Agence France Presse*, August 8, 2006. 9 killed, 8 wounded by roadside bomb. 10 killed, 69 wounded by two bombs. Hassan Abdul Zahra, “Suicide Bomber Kills 35 Near Iraq Shiite Shrine,” *Agence France Presse*, August 10, 2006. 35 killed, 122 wounded by suicide bomber. Edward Wong, “Blast Kills 35 and Wounds 120 at Shiite Shrine in Najaf,” *New York Times*, August 11, 2006. 6 killed, 3 wounded by bomb. Damien Cave, et al., “Former Electricity Chief of Iraq is Charged in Graft Inquiry,” *New York Times*, August 13, 2006. 3 killed by bomb. 3 killed, 2 wounded by roadside bomb. 3 killed, 11 wounded by roadside bomb. “Baghdad Blast Toll Hits 73, as US Says Bombs to Blame,” *Agence France Presse*, August 15, 2006. 73 killed, 138 wounded by 2 car bombs. Robert Reid, “Suicide Car Bomb, Street Battles Kill 16 in Iraq,” *Associated Press*, August 15, 2006. 9 killed, 41 wounded by suicide car bomb. Rawya Rageh, “21 Killed in Series of Baghdad Bombings,” *Associated Press Online*, August 16, 2006. 3 killed, 4 wounded by roadside bomb. “Baghdad Car Bombings Kill 22,” *Agence France Presse*, August 16, 2006. 8 killed, 28 wounded by a bomb. 14 killed, 65 wounded by 2 bombs. Robert Reid, “Car Bombs Kill 10 in Baghdad as Oil-Rich Iraq Struggles Through Fuel Crisis,” *Associated Press Worldstream*, August 17, 2006. 7 killed, 15 wounded by a car bomb. 3 killed, 1 wounded by a car bomb. Vijay Joshi, “7 Shiite Pilgrims Gunned Down in Baghdad,” *Associated Press Online*, August 19, 2006. 4 killed, 4 wounded by roadside bomb. Elena Becatoros, “Violence Across Iraq Kills More Than a Dozen People,” *Associated Press Worldstream*, August 24, 2006. 3 killed, 1 wounded by bomb. 3 killed by roadside bomb. Vijay Joshi, “Iraq Tribal Chiefs Sign ‘Pact of Honor’ to Support Unity Plan on Ending Violence,” *Associated Press*, August 26, 2006. 4 killed, 20 wounded in roadside bomb. 3 killed in car bomb. Qais al-Bashir, “Blasts in Iraq Kill 31, Injure Dozens,” *Associated Press Online*, August 27, 2006. 9 killed, 16 wounded in bomb. 3 killed, 29 wounded in car bomb. 9 killed, 22 wounded in 2 suicide car bombs. 4 killed, 15 wounded in motorcycle bomb. 6 killed, “more than a dozen” (counted as 13) wounded in bomb. “Eight US Soldiers Killed in Iraq Attacks,” *Agence France Presse*, August 28, 2006. 4 killed by bomb. Thassin Abdul-Karaim, “40 Killed As Shiites, Iraqi Forces Fight,” *Associated Press Online*, August 29, 2005. 16 killed, 47 wounded by suicide car bomb. 3 killed, 15 wounded by suicide car bomb. Sabah Jerges, “Insurgents Kill 77 in Iraq as Bloodshed Mounts,” *Agence France Presse*, August 30, 2006. 12 killed, 38 wounded by bomb. 24 killed, 35 wounded by bomb. 7 killed by bomb. 3 killed by bomb. Jay Deshmukh, “Sixty-one Killed as Iraq Prepares to Take Charge of Military,” *Agence France Presse*, August 31, 2006. 14 killed, 38 wounded by car bomb. 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- ¹⁸ Ibid.
- ¹⁹ Ibid.
- ²⁰ International News Safety Institute, "Iraq War Casualties," accessed at <http://www.newssafety.com/casualties/iraqcasualties.doc>, on July 20, 2006.
- ²¹ Data from Kellogg, Brown and Root (LOGCAP data as of December 2004), the Defense Manpower Data Center (Army data based on counts of soldiers by occupation) and the Congressional Research Service (Army personnel deployed to Operation Iraqi Freedom), as found in *Logistics Support for Deployed Military Forces*, The Congress of the United States, Congressional Budget Office, October 2005, page 5.
- ²² Data from Kellogg, Brown and Root, the Bureau of Labor Statistics, the Congressional Research Service, and the Department of Defense, as found in *Logistics Support for Deployed Military Forces*, The Congress of the United States, Congressional Budget Office, October 2005, page 13.
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