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Iraq Index

Tracking Variables of Reconstruction & Security in Post-Saddam Iraq

www.brookings.edu/iraqindex

August 31, 2006

For full source information for entries other than the current month, please see the Iraq Index archives at www.brookings.edu/fp/saban/iraq/indexarchive.htm

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TABLE OF CONTENTS

<u>Security Indicators</u>	Page
U.S. Troop Fatalities since March 2003.	
Cause of Death for US Troops	
American Military Fatalities by Category	
Geographic Distribution of Military Fatalities	
U.S. Troops Wounded in Action since March 2003.	7
British Military Fatalities since March 2003	
Non-U.S. & U.K. Coalition Military Fatalities by Country since March 2003.	
Iraqi Military and Police Killed since January 2005.	
Car Bombs in Iraq (Lethal and Non-Lethal).	
Iraqi Civilians Killed By Violence	
Multiple Fatality Bombings in Iraq.	
Killed and Wounded in Multiple Fatality Bombings.	
Police and Civilian Deaths by Region	
Non-Iraqi Civilian Contractors Killed in Iraq	12
Non-Iraqi Civilian Casualties Killed Monthly since May 2003.	13
Journalists Killed in Iraq	13
Nationalities of Journalists Killed in Iraq	
Circumstances of Journalist Deaths	
Logistics Personnel in Iraq and Kuwait	14
Comparison of Fatality Rates Among Selected Workers in Iraq	14
Iraqis Kidnapped	15
Foreign Nationals Kidnapped in Iraq since May 2003	
Total Number of Insurgents Detained or Killed	
Iraqi Prison Population	
Estimated Strength of Insurgency Nationwide. Estimated Number of Foreign Fighters in the Insurgency	
Insurgency Indicators.	
Terrorism and Iraq.	
Nationalities of Foreign Militants in Iraq, September 2005.	
Coalition Troop Strength in Iraq	
Distribution of the Army's Authorized End Strength, By Component and Function, Fiscal Year 2005.	
Top Ten Non-U.S. Coalition Contributors of Military Personnel in Iraq	
Attacks on Iraqi Oil and Gas Pipelines, Installations, & Personnel	
Number of Daily Attacks by Insurgents.	
Average Weekly Attacks by Time Period: 1 January 2004 – 20 January 2006.	
Improvised Explosive Devices (IED's) Detonated And Disarmed January – June, 2006	
Coalition Forces Ability to Find and Disarm Improvised Explosive Devises	
Average Number of Daily Patrols and Violent Events in Baghdad	
American Military Helicopters Downed in Iraq	
Internally Displaced Persons in Iraq	
Migration Indicators	
Refugees And Asylum Seekers	
Estimated Ministry of Defense Forces' Capabilities.	
Estimated Ministry of Interior National Police Forces' Capabilities.	26
US Air Missions.	
Enemy-Initiated Attacks Against the Coalition and Its Partners	
Actionable Tips Received from Population.	27
Political Parties in Iraq	
Index of Political Freedom.	
Council Seats in New Iraqi Legislature	28
Economic & Quality of Life Indicators	
Fuel	20
Oil Revenue from Exports.	
Electricity.	
Nationwide Unemployment Rate.	
Gross Domestic Product Estimates and Projections.	
GDP Longer Term Projections: 2006 – 2010.	
World Bank Estimate of Iraq Reconstruction Needs.	
CPA-Estimated Needs for Iraq Reconstruction in Sectors not Covered by the UN/World Bank Assessment	
American Aid Appropriated, Obligated and Disbursed towards the Iraq Relief and Reconstruction Fund	

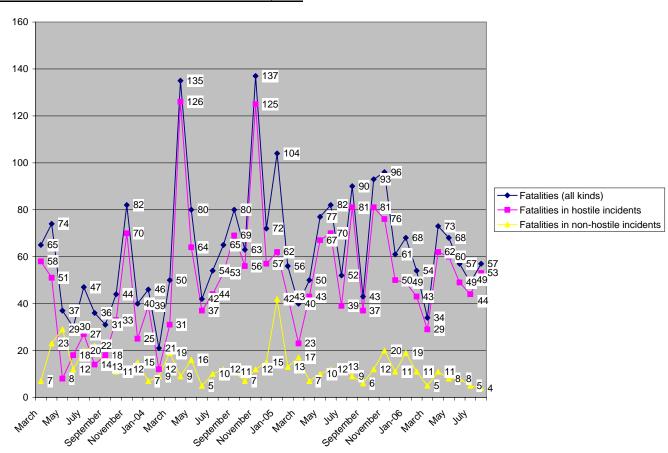
Status of IRRF 1 Funds by Program and Agency	35
Changes in US Aid Plans.	35
IRRF 2 Program Status.	
Pledges of Reconstruction Aid to Iraq by Country, As of December 31, 2005.	37
Estimated Costs of U.S. Operations in Iraq	
Estimated Defense Funding Provided for Operation Iraqi Freedom	39
Funding for Iraqi Security Forces, Diplomatic Operations, and Foreign Aid	40
How Revenues are Spent.	
Balance of Payments: Exports.	40
Inflation	41
Other Economic Indicators	41
Trained Judges	41
Felony Cases Resolved in Iraqi Courts	41
Relative Amount of Car Traffic	41
Typical Length of Gasoline Lines.	41
Number of Registered Cars in Baghdad	42
Telephone subscribers	42
Internet subscribers	42
Tons of Mail Sent by Iraqis	42
Media	43
Doctors in Iraq	43
Current Water Projects Outputs Vs. CPA Goals.	43
Education Indicators	43
Primary School Enrollment	43
Polling/Politics	
June 14 – 24, 2006: International Republican Institute	4
March 23 – 31, 2006: International Republican Institute.	
January 31, 2006: World Opinion Poll.org – What the Iraqi Public Wants	52
British Ministry of Defence Poll.	

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 August 30, 2006:

Fatalities (all kinds): 2,635 Fatalities in hostile incidents: 2,096 Fatalities in non-hostile incidents: 539

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	Car	Mortars	Rocket	Helicopter	Other	Non-	Total
	Explosive	Bombs	And	Propelled	Losses*	Hostile	Hostile	10.001
	Device	Domes	Rockets	Grenades	20000	Fire	Causes*	
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%) 4 (5.8%)	15 (19.7%) 17 (24.6%)	11 (14.5%)	76 69
May	36 (52.2%)	_ ` ′	1 (1.6%)	0 (0%)	· · · · · ·	23 (37.7%)	_ `	
June July	33 (54.1%) 22 (50.0%)	0 (0%)	0 (0%)	1 (2.3%)	0 (0%)	13 (29.5%)	4 (6.6%) 5 (11.4%)	61
August	27 (43.5%)	0 (0%)	0 (0%)	0 (0%)	2 (3.2%)	28 (45.2%)	5 (8.1%)	62
Total	899	126	107	77	149	824	458	2,640
1 Utai	(34.1%)	(4.8%)	(4.1%)	(2.9%)	(5.6%)	(31.2%)	(17.3%)	2,040
	August 30, 2006		(7.1 /0)	(4.7/0)	(2.0 /0)	(31.4/0)	(17.5 /0)	<u> </u>

Through August 30, 2006

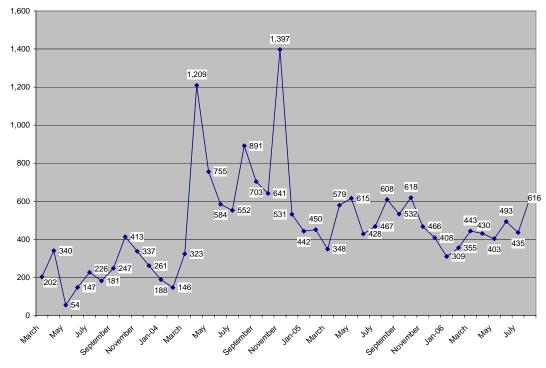
NOTE ON CAUSE OF DEATH DETAIL TABLE: Helicopter losses include deaths caused by both non-hostile helicopter accidents and helicopters downed by hostile fire. Hostile losses were as follows: 3/03 (8 killed); 4/03 (2); 11/03 (39); 1/04 (10); 4/04 (2); 5/05 (2); 6/05 (2); 11/05 (2); 1/06 (4); 4/06 (2); 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) total: 74. 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 – AUGUST 5, 2006³

Category	Total fatalities as of August 5, 2006: 2,581
Gender	
Gender	Male: 2,528
	Female: 53
Age	Younger than 22: 766
	22-24: 604
	25-30: 633
	31-35: 270
	Older than 35: 308
Component	Active: 1,988
	Reserve: 222
	National Guard: 371
Military service	Army: 1,753
	Marines: 751
	Navy: 52
	Air Force: 24
	Coast Guard: 1
Officers/Enlisted	Officer: 262
	E5-E9: 825
	E1-E4: 1,494
Race/Ethnicity	American Indian or Alaska Native: 28
	Asian: 45
	Black or African American: 256
	Hispanic or Latino: 291
	Multiple races, pending or unknown: 32
	Native Hawaiian or Pacific Islander: 25
	White: 1,904

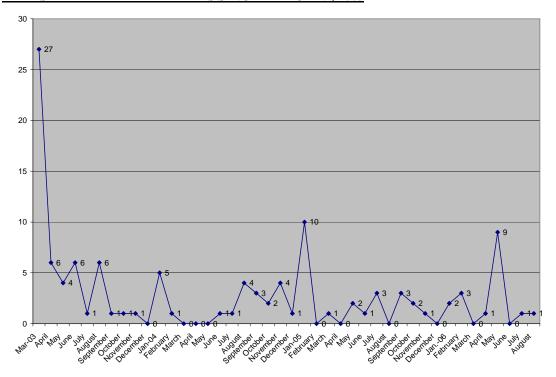
U.S. TROOPS WOUNDED IN ACTION SINCE MARCH 2003⁴



Total from March 19, 2003 through August 30, 2006: 19,773

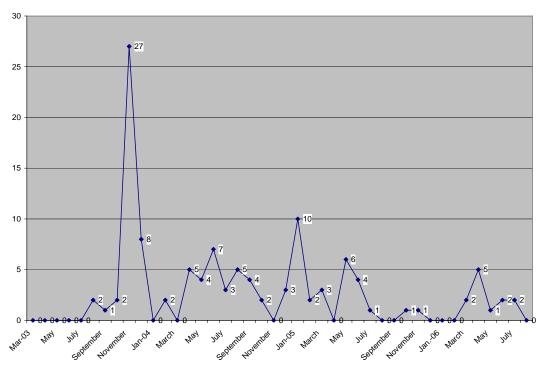
The daily Department of Defense casualty reports that we use for our monthly estimates on U.S troops wounded does not make it entirely clear when in a 24-hour period casualties were incurred. Since the reports are published at 10AM daily, there is possibility that our numbers for January 2005 and onwards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



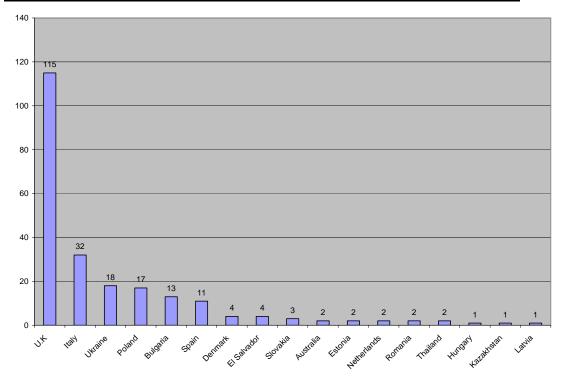
Total through August 30, 2006: 115

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



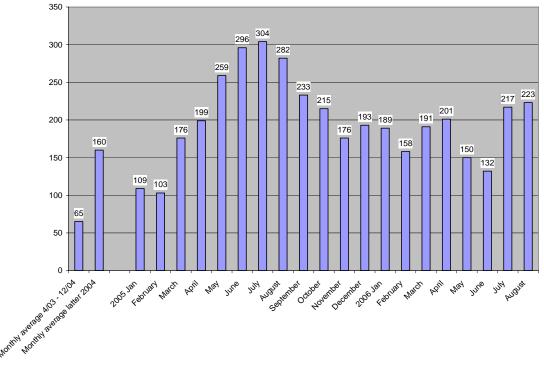
Total through August 30, 2006: 115

NON-U.S. COALITION TROOP FATALITIES BY COUNTRY SINCE MARCH 19, 2003²



Total through August 30, 2006: 230

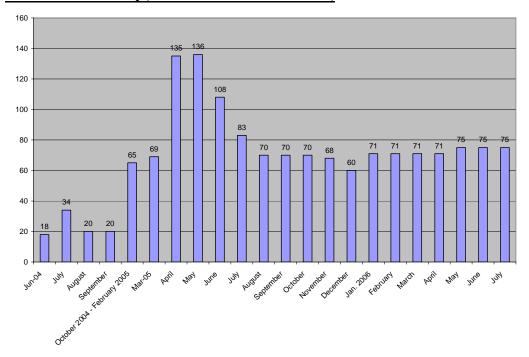
IRAQI MILITARY & POLICE KILLED MONTHLY⁸



Total June 2003 through August 30, 2006: 5,306

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.

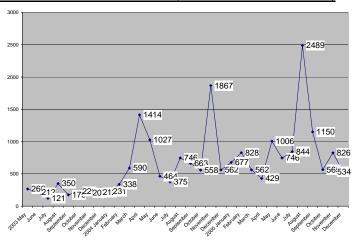
CAR BOMBS IN IRAQ (LETHAL AND NON-LETHAL)²



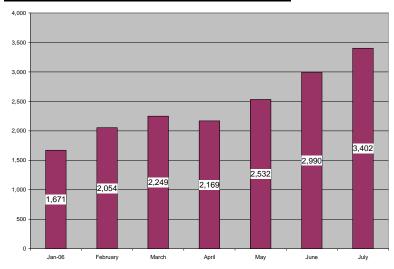
NOTE ON CAR BOMBS IN IRAQ CHART: Many numbers in this chart are estimates. Please see relevant footnote for details.

IRAQI CIVILIANS KILLED BY VIOLENCE

MAY 2003-DECEMBER 2005 (Does Not Include Murders)



JANUARY 2006 – PRESENT (All Violent Causes)¹⁰



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 <u>civilians</u> killed by <u>acts of war</u>. 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 December 2003 – May 2005 period. ¹¹ During this time, we separately studied the crime rate in Iraq, and on that basis estimated 23,000 murders throughout the country.

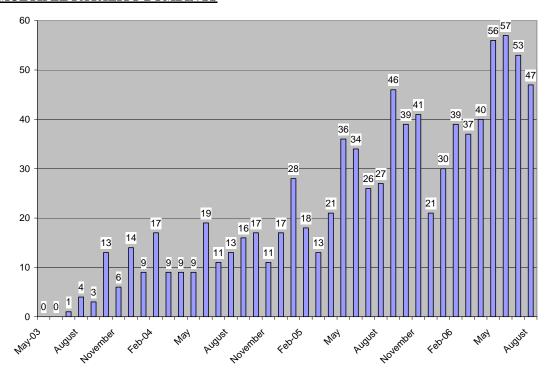
Starting in 2006, we have found it is no longer practical to differentiate between acts of war and crime. Our estimates since January 2006 are based upon the numbers published in the UN Assistance Mission for Iraq, "Human Rights Report: 1 May–30 June, 2006." This data combines the Iraq Ministry of Health's tally of deaths counted at hospitals with the Baghdad Medico-Legal Institute's tally of deaths counted at morgues. (The assistant director of the Baghdad morgue estimated that 90 percent of bodies at the morgue died from violence; ¹² therefore, we assume the same for this chart.) 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.

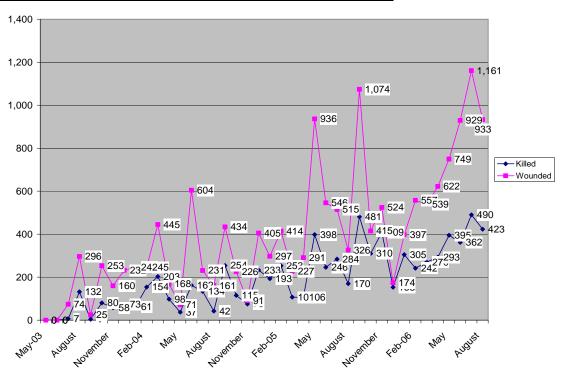
Iraq Index Estimate using IBC Data – May 2003 – December 31, 2005, not including crime:	19,500
Iraq Index Estimate using IBC Data – May 2003 – December 31, 2005, including crime:	42,500
Iraq Index Estimate using UN Data – January 2006 – July 2006:	17,100
Iraq Index Cumulative Estimate using IBC and UN Data – May 2003 – July 31, 2006:	59,600
Iraq Body Count Cumulative Total Through 29 August 2006:	41,000 - 45,600

MULTIPLE FATALITY BOMBINGS¹³



Total as of August 30, 2006: 907 (of which at least 337 were suicide bombings)

KILLED AND WOUNDED IN MULTIPLE FATALITY BOMBINGS 14



Total as of August 30, 2006:

Killed: 7,812 Wounded: 15,994

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

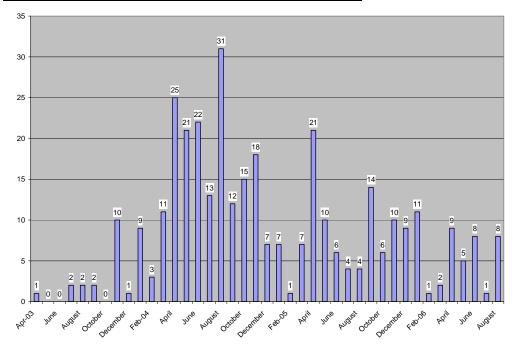
BOMBINGS TABLES: Included as data for these graphs are any bombings (including IEDs / roadside bombs) that caused at least three fatalities. The data on multiple fatality IED / roadside bombs are estimates and may have a margin of error of +/- one bomb and approximately five fatalities and five wounded.

POLICE AND CIVILIAN DEATHS BY REGION

Region	Police Deaths	Civilian Deaths
Dahuk	1	3
Nineveh	206	1,442
Irbil	60	140
Tamim	148	787
Sulaimaniya	4	86
Salahuddin	206	1,292
Diyala	339	1,560
Baghdad	607	24,578
Babil	147	1,552
Anbar	210	2,447
Wasit	14	488
Karbala	27	1,014
Qadisiya	1	68
Misan	14	38
Najaf	26	766
Muthanna	2	121
Dhiqar	8	977
Basra	53	1,751
Unknown location	141	67
Total	2,214	39,213

NOTE ON POLICE AND CIVILIAN DEATHS BY REGION CHART: This chart includes deaths from the start of the war until July 1, 2006, as reported by Iraq Body Count, cited in "Iraq Body Count: War Dead Figures," *BBC News Online*, July 21, 2006. This data has NOT been filtered by the authors in the same way as the chart on Iraqi Civilians Killed as a Result of War, whose data also comes from the Iraq Body Count website.

NON-IRAQI CIVILIAN CONTRACTORS KILLED IN IRAQ¹⁵

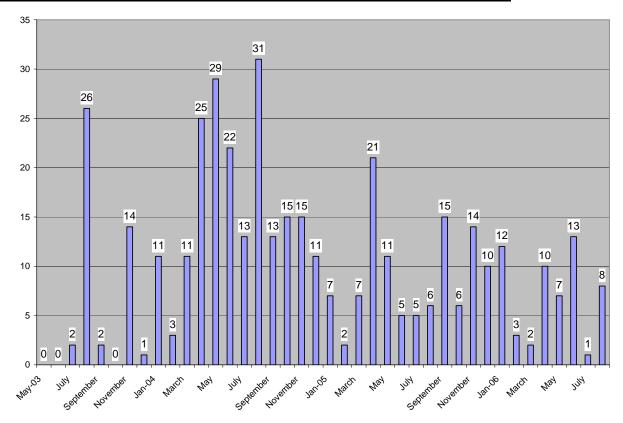


Total as of August 30, 2006: 349

NOTE ON NON-IRAQI CIVILIAN CONTRACTORS KILLED IN IRAQ: 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. It also does not include one contractor killed on an unknown date.

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, 2003 16



Total through August 30, 2006: 407

JOURNALISTS KILLED IN IRAQ¹⁷

2003	14
2004	24
2005	22
2006	17
Total	77

NATIONALITIES OF JOURNALISTS KILLED IN IRAQ¹⁸

THE THE STATE OF G	O CILI (IIIII II I
Iraqi	56
European	11
American	2
Other Arab Countries	3
All Others	5
Total	77

CIRCUMSTANCES OF JOURNALIST DEATHS¹⁹

CITTO CIVID IIII (CER)	T O C LEI (I LEE LO L
Murder	41
Crossfire or other	36
acts of war	
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

	Ι	Data Availabil	ity	Average	Number	Annual
	Starting	Ending	Duration	Number of	of	Fatality Rate
	Month	Month	(Months)	Workers	Fatalities	per 100,000
						Employees
Kellogg, Brown and	Mar. 2003	Nov. 2004	21	38,305	27	40.3
Root Employees						
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	Mar. 2003	May 2005	27	45,800	292	283.4
Support						
Department of	Mar. 2003	Dec. 2004	22	2,930	3	55
Defense Civilians						
MEMORANDUM:						
Fatality Rates for Emplo	oyment 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 that kidnappings are widely underreported. 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

FOREIGN NATIONALS F Month	Number of Foreigners	Developments*	
-	Kidnapped		
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	0		
August	0	1 released	
Total through		53 killed, 147 released, 3 escaped,	
August 30, 2006	288	6 rescued, 79 unknown	

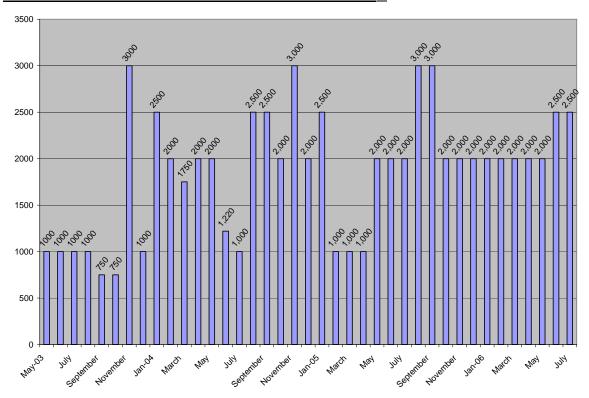
NOTE ON FOREIGN NATIONALS KIDNAPPED IN IRAQ TABLE:

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 or government 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.

^{*}Developments: This category shows activity in the status of hostages, but does not necessarily apply to hostages kidnapped during the same month. Please see relevant footnote for more information.

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

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 NATIONWIDE 27

November December January 2004 February March	5,000 5,000 3,000-5,000	
January 2004 February	3, 000-5,000	
February		
•		
March	N/A	
IVIGIT CII	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+	

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

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

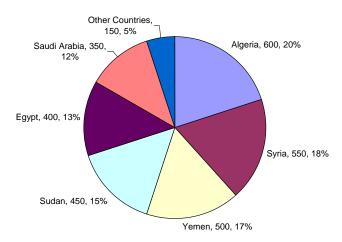
	2004	2005
Insurgent attacks (total)	26,496	34,131
Car bombs	420	873
Suicide car bombs	133	411
Roadside bombs	5,607	10,953
US Soldiers Killed	848	846
US Soldiers Wounded	7,989	5,939

TERRORISM AND IRAQ

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

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 IRAO SINCE MAY 2003³¹

Month		U.S. troops in Iraq		Other coalition troops in Iraq	Total international troop
	Active	Reserve (includes	Total	(excluding U.S. & Iraqi forces)	strength in Iraq
		National Guard)			
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	139,00	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	133,000	19,000	152,000

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 2005^{32}

	Deployable Personnel			Non-deployable	Total
(Thousands of Soldiers)	Combat	Combat Support	Combat Service	Personnel	
			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

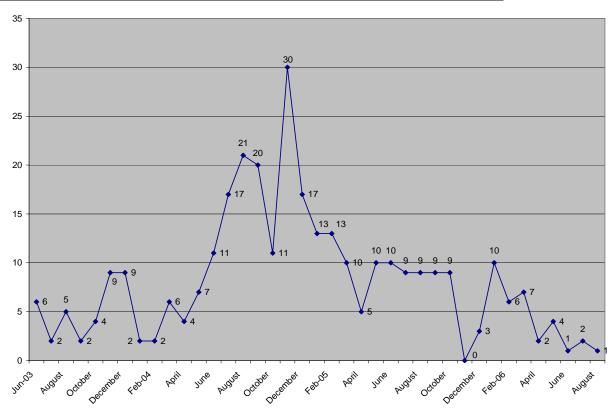
NOTE ON DISTRIBUTION OF THE ARMY'S AUTHORIZED END STRENGTH TABLE: Authorized end strength is the number of soldiers the Congress has authorized and funded for the end of the fiscal year.

TOP NON-US COALITION CONTRIBUTORS OF MILITARY PERSONNEL IN IRAQ33

Coalition Country	Military Personnel in Iraq	As of (date)
United Kingdom	7,200	August 1, 2006
South Korea	3,200	August 9, 2006
Italy	1,600	July 15, 2006
Poland	900	June 29, 2006
Australia	900	June 29, 2006
Georgia	900	June 29, 2006
Romania	860	June 29, 2006
Denmark	530	June 29, 2006
Japan	0	July 17, 2006
Other	~ 2,910	

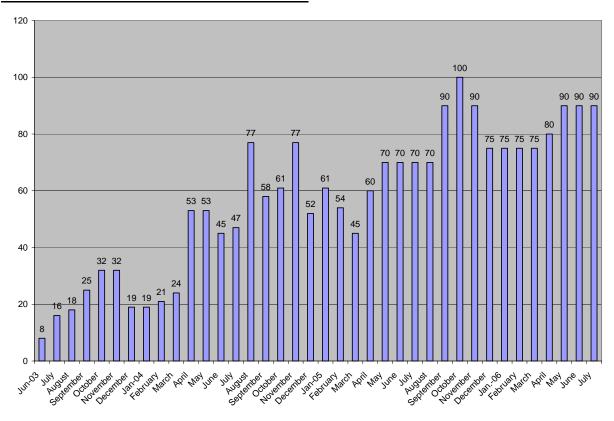
NOTE ON TOP NON-U.S. COALITION CONTRIBUTORS OF MILITARY PERSONNEL IN IRAQ TABLE: In addition to the United States, 27 countries are contributors to Iraqi Stability Operations as of August 16, 2006: Albania, Armenia, Australia, Azerbaijan, Bosnia/Herzegovina, Bulgaria, Czech Republic, Denmark, El Salvador, Estonia, Georgia, Italy, Japan, Kazakhstan, Latvia, Lithuania, Macedonia, Moldova, Mongolia, Poland, Portugal, 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*, August 16, 2006.

ATTACKS ON IRAQI OIL AND GAS PIPELINES, INSTALLATIONS & PERSONNEL 34



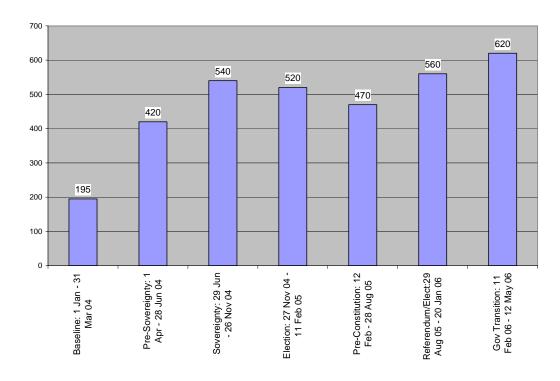
Total through August 4, 2006: 318

NUMBER OF DAILY ATTACKS BY INSURGENTS 35

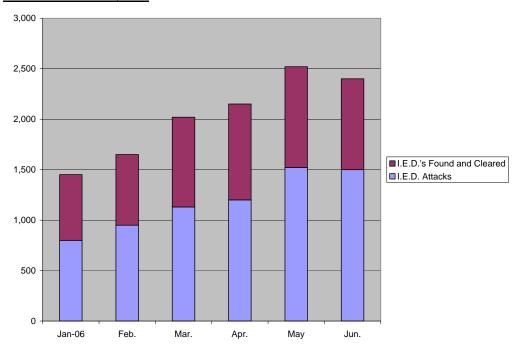


NOTE ON DAILY ATTACKS CHART: Numbers for June 2003 are incomplete. Major General Webster has noted that the number of successful attacks has dropped to about 10% from 25-30% a year ago. Ann Scott Tyson, "Departing US Commander Reports Progress in Baghdad," *Washington Post*, December 31, 2005.

AVERAGE WEEKLY ATTACKS BY TIME PERIOD: 1 JANUARY 2004 – 12 MAY 2006 36



<u>IMPROVISED EXPLOSIVE DEVICES (IED'S) DETONATED AND DISARMED</u> JANUARY – JUNE, 2006

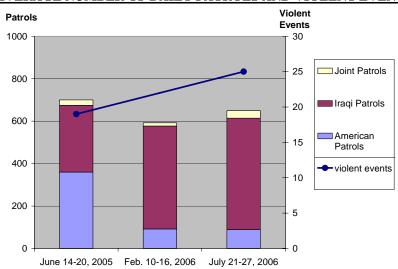


NOTE ON IMPROVISED EXPLOSIVE DEVICES: "In June, there were 1,481 I.E.D. attacks throughout Iraq, and 903 instances in which the bombs were found and neutralized, according to figures compiled by the American military in Baghdad. That is a sharp increase since January, when there were 834 such attacks 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*.

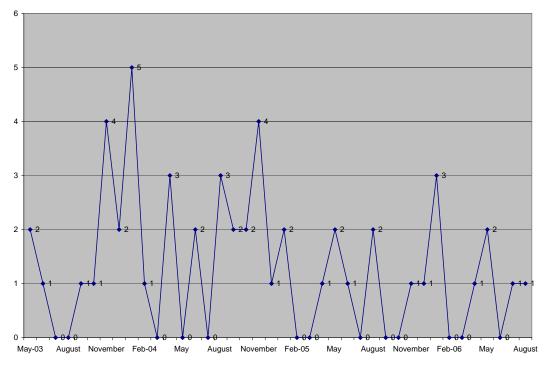
COALITION FORCES ABILITY TO FIND AND DISARM IMPROVISED EXPLOSIVE DEVICES (IEDs)37

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%

$\underline{\textbf{AVERAGE NUMBER OF DAILY PATROLS AND VIOLENT EVENTS IN}} \underline{\textbf{BAGHDAD}}^{38}$



AMERICAN MILITARY HELICOPTERS DOWNED IN IRAQ39



Total through August 30, 2006: 52

NOTE ON AMERICAN MILITARY HELICOPTERS DOWNED IN IRAQ TABLE: Of the 52 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.

INTERNALLY DISPLACED PERSONS IN IRAQ⁴⁰

Families Displaced, February 2006	>3,000
(before Samarra Mosque bombing)	
Families Displaced, April 2006	11,000 – 14,000
Number Displaced , April 2006	> 100,000
Number Displaced through Feb 2006 – July 2006	162,000
Governorates with Camps for Internally Displaced Iraqis	14 of 18

NOTE ON INTERNALLY DISPLACED PERSONS IN IRAQ: Estimates assume a family consists of 7 to 11 people on average.

MIGRATION INDICATORS $\frac{41}{2}$

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

REFUGEES AND ASYLUM SEEKERS⁴²

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

SIZE OF IRAQI SECURITY FORCES ON DUTY⁴³

Month	General Police	National Guard	Iraqi Armed	Border Patrol	Total Iraqi
	Capabilities		Forces		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	59,	689	N/A	141,761
	"trained and	"opera	tional"		Trained and Effective: General
	equipped"				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		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		900	N/A	182,900
September	104,300	87,	800	N/A	192,100
0 1 1 45	111.000	100	000	37/4	~ 30,000 in Army in level I and II ⁴⁴
October ⁴⁵	111,000	100	,000	N/A	211,000
Name has	112 000	102	000	NT/A	~32,000 in level I and II ⁴⁶
November December	112,000		,000	N/A	214,000 223,700
	118,000		,700	N/A	,
January 2006	120,400		,900 ,500	N/A N/A	227,300 232,100
February	123,600	108	,500	IN/A	~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		,000	N/A N/A	253,700
May	145,500		,900	N/A	265,600
June	148,500		,100	N/A	264 ,600
July	154,500		,100	N/A	269,600
August	165,100		,000	N/A	294,100
Stated Goal	142,190	61,904	36,635	29,360	272,566
Stated Goal	(revised up from	(revised up from	(revised up from	27,300	212,300
	89,369 in June 04)	41,088 in June 04)	35,000 in June 04)		
	CECUDITY FORCES		I I -: 4- : 41 4 41		

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. ⁴⁸ The February 2006 number in Levels I and II for the MOD can be divided into 53 Army and Special Forces Combat battalions and 8 Support, Air Force and Navy battalions. 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. However, Sunnis make up less than 10 percent of the enlisted forces. ⁵⁰

ESTIMATED MINISTRY OF DEFENSE FORCES' CAPABILITIES⁵¹

Component	Iraqi Units Actively Conducting				
	Counter Insurgency Operations				
	Units Fighting Side by Side	Units in the Lead with			
	with Coalition Forces*	Coalition Enablers or Fully			
		Independent			
Iraqi Army and Special	40	71			
Operation Combat Forces					
	Iraqi Units Act	ively Supporting			
	Counter Insurg	gency Operations			
Logistics Enablers	3	6			
Air Force	2	0			
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 15 May, 2006.

Iraqi security forces are now responsible for securing 60% of the Baghdad more or less independently. Dexter Filkins, "US to Intensify Army Oversight of Iraqi Police," *New York Times*, December 30, 2005.

As of May 15, there were 2 Iraqi divisions, 16 brigades, and 63 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 MOD, MOI, or Ministry of Finance has assumed control and responsibility for 34 Forward Operating Bases from Coalition forces. "Measuring Stability and Security in Iraq May 2006, Report to Congress in Accordance with the Department of Defense Appropriations Act 2006 (Section 9010)," page 49. Today there are three Iraqi divisions, 18 Iraqi brigades and some 69 Iraqi battalions that are actually operating in the lead across Iraq. To put that in perspective for you, six months ago one division, four brigades and 23 battalions. "News Briefing with Secretary Rumsfeld and Gen.

ESTIMATED MINISTRY OF THE INTERIOR NATIONAL POLICE FORCES' CAPABILITIES⁵²

ESTIMATED MINISTRI OF	THE INTERIOR NATIONAL FOR	CHICE FORCES CALABILITIES	
Component	Iraqi Units Actively Conducting Counter Insurgency Operations		
	Units Fighting Side by Side	Units in the Lead with	
	with Coalition Forces*	Coalition Enablers or Fully	
		Independent	
National Police Combat	26	2	
Battalions			
National Police Brigade	8	1	
Headquarters			
National Police Division	2	0	
Headquarters			

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 15 May 2006.

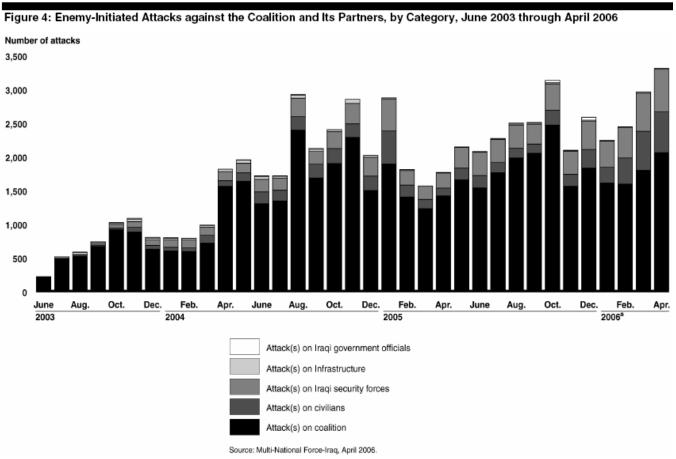
The Minister of Interior signed an order to reorganize and merge the Police Commandos, the Public Order and Mechanized Police, and the Emergency Response Unit (ERU) to form a single force, the Iraqi National Police, on April 1, 2006. The National Police are organized with a National Police Headquarters, 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 MISSIONS 53

Casey," Department of Defense, June 22, 2006.

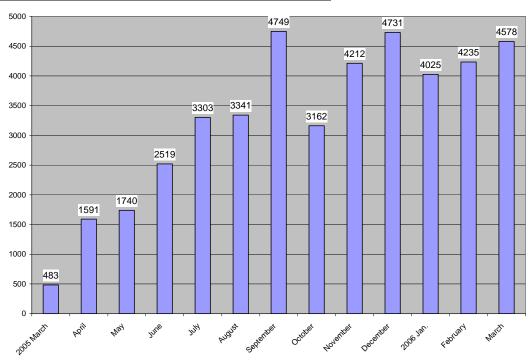
Mission	2004	2005
US Air Strikes (Iraq only)	285	306
C-130 Sorties Flown (Iraq and Afghanistan combined)	48,100	52,000
Cargo Transported (Iraq and Afghanistan combined)	146,000 tons	155,000 tons
Passengers Transported (Iraq and Afghanistan combined)	699,000	953,000

ENEMY-INITIATED ATTACKS AGAINST THE COALITION AND ITS PARTNERS⁵⁴



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

ACTIONABLE TIPS RECEIVED FROM POPULATION⁵⁵



INDEX OF POLITICAL FREEDOM⁵⁷

INDEX OF POLITICAL FREE	<u> </u>
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 BOLIEFO	T EDDEED ON A TRADE TO 1

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.

COUNCIL SEATS BY COALITION IN NEW IRAQI LEGISLATURE 58

Coalition	Total Seats	Designation	Parties	Leaders
United Iraqi Alliance	128	Shiite Religious	Includes SCIRI,	Includes
_		Coalition	Dawa	Abdul Aziz Hakim,
				Ibrahim Jafari
Kurdistan Coalition	53	Kurdish Secular	Includes KDP, PUK	Includes
		Coalition		Jalal Talabani
Iraqi Accordance Front	44	Sunni Religious	Includes General	Includes
		Coalition	Conference of the People of	Adnan Dulaimi,
			Iraq, National Dialogue	Khalaf Elayan, Tariq
			Council, Iraqi Islamic	Hashimi
			Party	
National Iraqi List	25	Shiite / Sunni	Various	Ayad Allawi
		Secular Coalition		
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

FUEL 59

FUEL ⁵⁹	T						
	Fuel supplies available						1
	Millions of barr			Millions of lit		Tons/day	Overall fuel
Time	Crude oil	Crude	Diesel	Kerosene	Gasoline/Benzene	Liquid	supplies as
	production	oil	(Prod. &	(Prod. &	(Prod. & Imp)	Petroleum Gas	percentage of goal
Estimated	2.5	export 1.7-2.5	Imp.) N/A	Imp.) N/A	N/A	(Prod. & Imp.) N/A	during that month
prewar level	(pre-war peak)	1.7-2.5	IN/A	IN/A	IN/A	IN/A	(the goals have
							shifted)
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	0.32260	6.5	4.75	13.5	1,880	44%
August	1.445	0.646 ⁶¹	10.25	6.2	14.0	2,530	57%
September	1.7225	0.98362	14.25	6.9	17.3	3,030	70%
October	2.055	1.14963	14.75	9.6	16.35	3,700	78%
November	2.1	1.524 ⁶⁴	13.14	13.3	11.792	3,610	76%
December	2.30	1.541 ⁶⁵	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	1.38266	15.21	13.05	16.65	4,670	88%
March	2.435	1.825 ⁶⁷	15.03	17.28	17.19	5,010	92%
April	2.384	1.804^{68}	22.75	4.46	19.3	3,607	79%
May	1.887	1.380 ⁶⁹	22.92	4.005	18.07	3,264	73%
June	2.295	1.148 ⁷⁰	16.47	4.9	22	3,086	75%
July	2.2	1.406 ⁷¹	17.95	5.75	22.3	3,820	80%
August	2.112	1.114 ⁷²	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	2.20	1.74	11.2	2.87	13.7	3,074	65%
Stated	2.5	N/A	21.0 ⁷³	5.5 ⁷⁴	22.0 ⁷⁵	4,460 ⁷⁶	We assume that
Interim Goal:	revised down		revised up	revised up	revised up from	Revised down	supplies for each
	from 2.8-3.0 in		from 23.5	from	24.1 in August 2006	from 4,500 in	category cannot
	February 2005		in August	8.5 in Aug.		July 2006	exceed 100% of
MoO	5.5	4.6	2006 N/A	2006 N/A	N/A	5,300	goal N/A
MoO National	5.5	4.0	IN/A	IN/A	IN/A	5,300	IN/A
Target							
(2010+)							
(2010±)	l	L		l	l		1

NOTE ON FUEL TABLE: 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. 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.

Above data as of August 16, 2006.

OIL REVENUE FROM EXPORTS⁷⁸

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	2.10
April	3.02
May	2.92
June	3.03
July	3.42
August	1.31
Total as of	\$65.5
August 16, 2006	φυσ.σ
August 10, 2000	

ELECTRICITY 79

ELECTRICIT	Average amount of	electricity generated awatts)	Average hours of electricity/day		Average of mega watt hours	
Time	Nation-wide	Baghdad	Nation-wide	Baghdad	(MWH)	
Estimated	3,958	2,500	4-8	16-24	95,000	
prewar level						
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	4,400	N/A	10.9	6.4	105,800	
Stated Goal:	6,000	2,500	US Interim Target:	US Interim Target:	120,000	
	to have been	to have been	10-12 hours	10-12 hours	-,	
	reached by	reached by	National Target:	National Target:		
	July 1, 2004	October 2003	24 hours	24 hours		

NOTE ON ELECTRICITY TABLE: The demand for electricity ranges from 8,500 to 9,000 MW nationwide. There are also about 1000 MW of connected private generators in and around Baghdad. Please see footnote. ** The data for December 2005 and thereafter for the average amount of electricity generated and average MW hours

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

Above data as of August 23, 2006.

^{*} 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*.

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% May 30-45% June 30-40% July 30-40%
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%
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 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%
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%
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%
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%
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%
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February 30 - 45% March 30- 45% April 30 - 45% May 30-45% June 30-40% July 30-40%
March 30- 45% April 30 - 45% May 30-45% June 30-40% July 30-40%
April 30 – 45% May 30-45% June 30-40% July 30-40%
May 30-45% June 30-40% July 30-40%
June 30-40% July 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%

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, 2002-2005 $\underline{^{82}}$

	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

GDP: LONGER TERM PROJECTIONS, 2006-2010⁸³

<u> </u>					
	2006	2007	2008	2009	2010
	Revised Projections				
Real GDP (% change)	16.8	13.6	12.5	7.8	7.2
Domestic Consumer Price	12.0	10.0	8.0	7.0	5.0
Inflation (year on year)					

$\underline{\textbf{WORLD BANK ESTIMATE OF IRAQ RECONSTRUCTION NEEDS}}^{84}$

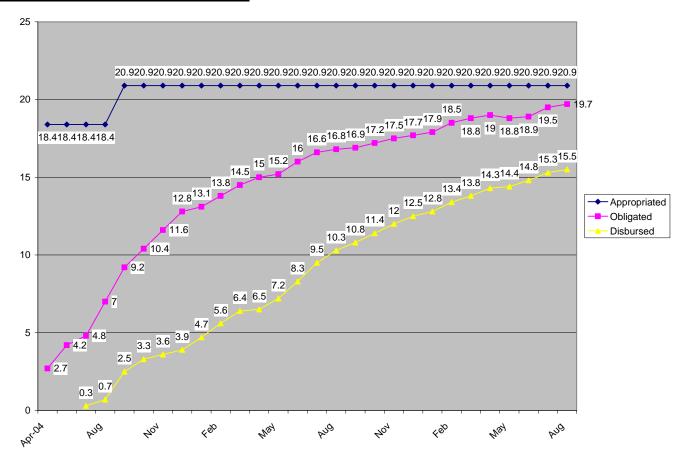
As of January 2004

Category	N	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	

$\frac{\text{C.P.A.-ESTIMATED NEEDS IN SECTORS NOT COVERED BY THE UN/WORLD BANK ASSESSMENT}^{85}}{\text{As of January 2004}}$

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) $^{\underline{86}}$



NOTE: 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.

STATUS OF IRRF 1 FUNDS BY PROGRAM AND AGENCY (as of June 30, 2006)⁸⁷

Agency	Program Name	Apportioned	Obligated	Expended
-	IRRE	T 1 Funds		-
USAID	Restore Critical Infrastructure	\$1,124.4	1,124.4	1,020.4
	Improve Efficiency &	174.7	174.7	174.7
	Accountability of Government			
	Food Aid: Office of Food for Peace	124.8	124.8	124.8
	Support Education Health and Social	118.5	118.5	111.9
	Services			
	Relief: Office of Foreign Disaster	70.5	70.5	65.1
	Assistance			
	Office of Transition Initiatives	69.8	69.7	68.8
	Expand Economic Opportunity	65.9	65.9	64.8
	Program Support & Development of	18.0	18.0	17.7
	Gulf Region			
	Administrative Expenses	14.9	14.9	13.9
	Subtotal	1,781.4	1,781.4	1,662.1
Department of	Restore Iraq Electricity (RIE)	300.0	299.9	299.9
Defense	Restore Iraq Oil (RIO)	166.0	162.7	161.0
	First Responder Network / DIILS	52.3	51.8	40.9
	Subtotal	518.3	514.4	501.8
Department of State	Police/Prison Programs	61.5	61.5	55.5
	Relief Efforts	27.0	27.0	26.9
	Law Enforcement	24.6	24.6	21.4
	Humanitarian Demining	12.3	12.3	12.3
	Subtotal	125.4	125.4	116.1
Treasury	Technical Assistance	6.0	6.0	4.8
	Subtotal	6.0	6.0	4.8
US Trade and Technical Assistance/Training		5.0	5.0	2.8
Development Agency	Subtotal	5.0	5.0	2.8
Total IRRF1 Funds		\$2,436.2	\$2,432.2	\$2,287.6

NOTE ON IRRF1 FUNDS TABLE: Data has not been formally reviewed or audited.

CHANGES IN US AID PLANS (For IRRF 2, in millions of dollars)⁸⁸

SECTORS	Congressional Allocation	October 2005	Change in Dollars	Percent Change
	November 2003			
Sectors with Increases				
Private Sector Development	153.0	443.0	290	190%
Iraq Debt Forgiveness	No allocation	352.3	352.3	
Justice, Public Safety	1,318.0	2,242.5	924.5	70.1%
Infrastructure & Civil Society				
Security & Law Enforcement	3,243.0	5,017.6	1,774.6	54.7%
Education, Refugees & Human	280.0	363.0	83.0	29.6%
Rights				
Transportation &	500.0	508.5	8.5	1.7%
Telecommunications				
Administrative	No allocation	213.0	213.0	0.0%
Sectors with Decreases				
Water Resources & Sanitation	4,332.0	2,146.6	(2,185.4)	(50.4%)
Electric	5,560.0	4,309.8	(1,250.2)	(22.5%)
Oil Infrastructure	1,890.0	1,723.0	(167.0)	(8.8%)
Roads, Bridges & Construction	370.0	333.7	(36.3)	(9.8%)
Health Care	793.0	786.0	(7.0)	(.99%)
Total	18,439	18,439	(0.00)	0

IRRF2 PROGRAM STATUS (as of June 30, 2006, in millions)⁸⁹

Sector	2207 Report	Apportioned	Committed	Obligated	Expended
	Spending Plan				
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	1,340.90	1,316.00	1,251.50	1,204.40	862
Society					
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	805.3	805.3	799.1	794.2	659.3
Development					
Health Care	746.3	739	704.5	664	493.2
Transportation and	469.1	465.5	449.5	427.8	295.7
Telecommunications Projects					
Education, Refugees, Human	410	410	378.8	354.2	281.5
Rights, and Governance					
Roads, Bridges and	333.7	333.7	317	313.4	184.6
Construction					
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 B	
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	2,350,200
	/
Netherlands New Zealand	9,424,801
	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
Subtotal	8,000,262,793
European Commission	715,620,000
Subtotal	8,715,882,793
INTERNATIONAL FINANCIAL INSTITUTIONS	
IMF (low range)	2,550,000,000
World Bank (low range)	3,000,000,000
Islamic Development Bank	300,000,000
Subtotal	5,850,000,000
TOTAL (Without the United States)	\$14,565,882,793
/	1 7

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. 91

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 SCENARIOS 92

	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-											Total 2007-

	2003-											Total 2007-
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	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:

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.

^{* =} less than \$500 million.

ESTIMATED DEFENSE FUNDING PROVIDED FOR OPERATION IRAQI FREEDOM, 2003-200693

	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*	n.a.	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*	n.a.		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*	n.a.			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*	n.a.				0	0
Total		46	68	53	87	254

NOTE ON ESTIMATED DEFENSE FUNDING PROVIDED FOR OPERATION IRAQI FREEDOM:

n.a. = 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 $2006\frac{94}{}$

	- · · · ·	•000	2004	-00-	•006	Total, 2003-
	Public Law	2003	2004	2005	2006	2006
Emergency Wartime Supplemental	P.L. 108-11					
Appropriations Act, 2003	(April 2003)					
Diplomatic operations and foreign aid		3				3
Emergency Supplemental Appropriations	P.L. 108-106					
Act for Defense and for the Reconstruction	(November					
of Iraq and Afghanistan, 2004	2003)					
Iraqi security forces			5			5
Diplomatic operations and foreign aid			15			15
Department of Defense Appropriations Act,	P.L. 108-287					
2005	(August 2004)					
Diplomatic operations and foreign aid			1			1
Emergency Supplemental Appropriations	P.L. 109-13					
for Defense, the Global War on Terror, and	(May 2005)					
Tsunami Relief Act, 2005						
Iraqi security forces				6		6
Diplomatic operations and foreign aid				1		1
Emergency Supplemental Appropriations	P.L. 109-234					
Act for Defense, the Global War on Terror,	(June 2006)					
and Hurricane Recovery, 2006	, , , ,					
Iraqi security forces					3	3
Diplomatic operations and foreign aid					3	3
Total, Iraqi Security Forces		0	5	6	3	14
Total, Diplomatic Operations and		3	15	1	3	22
Foreign Aid						

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.

HOW REVENUES ARE SPENT⁹⁵

Receiving Party	Approximate Amount	Percentage of Total
Oil Ministry	\$ 3 billion +	14%
Kurdistan*	\$ 3.6 billion	17%
Food and Fuel Subsidies**	\$ 8 billion	38%
Defense, Health, Interior,	\$6.5 billion	31%
Education, Electricity, Other		

NOTE ON HOW REVENUES ARE SPENT TABLE:

BALANCE OF PAYMENTS: EXPORTS 2004 – 2010⁹⁶

	2004	2005	2006	2007	2008	2009	2010
	Estimated	Revenues Projected		Re	evised Proje	ctions	
Total	17,782	19,016	27,273	31,892	36,094	38,128	40,600
Exports							
Crude Oil	17,329	18,410	26,609	31,194	35,359	37,498	39,939
Other	452	606	665	698	735	627	662
Exports							
Percent from oil	97%	97%	98%	98%	98%	98%	98%

^{*}Under the current system of government, Iraqi Kurdistan spends this money according to its priorities.

^{**} If electricity subsidies are added to food and fuel subsidies, the combined category may amount to more than half of Iraq's GDP. Up to \$11 billion annually is spent on fuel and food subsidies and support for state-owned enterprises. Curt Tarnoff, "Iraq: Recent Developments in Reconstruction Assistance," Congressional Research Service, January 4, 2006, p. 5.

INFLATION 97

Time	Inflation
2003	36%
2004	32%
2005	20%

OTHER ECONOMIC INDICATORS

Foreign banks granted licenses that have started	0
operations in Iraq ⁹⁸	
Percent of Iraq's export earnings from oil ⁹⁹	98% (~ \$21 billion)
Oil Export Peak ¹⁰⁰	April 2004, 1.8 million barrels per day
	(2005 average is 1.4 million bpd)
Cost of Imported Gasoline 101	30-35 cents per liter
Domestic Price of Gasoline	1.5 cents per liter

TRAINED JUDGES 102

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

NOTE ON TRAINED JUDGES CHART: All provincial courts are now 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. 103

FELONY CASES RESOLVED IN IRAQI COURTS 104

TEEGITT CHEER TEEGE	122 21 122 27 2 2 2 2 2 2 2 2 2 2 2 2 2
2003	4,000
2004	8,000
2005	On track for over 10,000

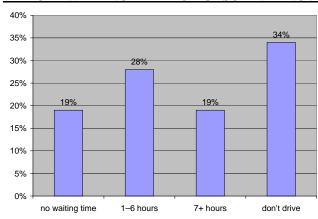
RELATIVE AMOUNT OF CAR TRAFFIC

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		
(ho	urs)	
July 2003 0.1		
January 2004	0.5	
July 2004 1.0		
January 2005 1.0		
May 2005	1.0105	

TYPICAL WAITING TIME FOR GASOLINE - NOVEMBER 2005 106



NUMBER OF REGISTERED CARS 107

Pre-War	1.5 million
October 2005	3.1 million

TELEPHONE SUBSCRIBERS 108

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	
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 SUBSCRIBERS 109

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

TONS OF MAIL SENT BY IRAQIS 110

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.

$\mathbf{MEDIA}^{\underline{111}}$

Time	Commercial TV	Commercial radio	Independent newspapers
	stations	stations	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 IRAQ¹¹²

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 GOALS¹¹³

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 - 2004¹¹⁴

EDUCATION INDICATIONS 1990 - 2004			
Literacy	Overall (Ages 15 +):	In Youth (Ages 15-24):	
	65%	74%	
Primary School Enrollment	Net: 79% (93% in Jorda	Net: 79% (93% in Jordan, 96% in Syria)	
	Gross: 99% (95% in M	E and NA)	
	Males: 109%	Females: 89%	
Average Monthly Teacher Salaries 115	Before New	After New	
	Government: \$2	Government: \$100	

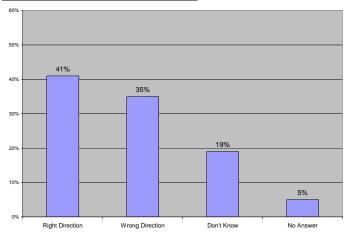
PRIMARY SCHOOL ENROLLMENT

Year	Children enrolled in primary school
2000	3.6 million
2003/2004	4.3 million

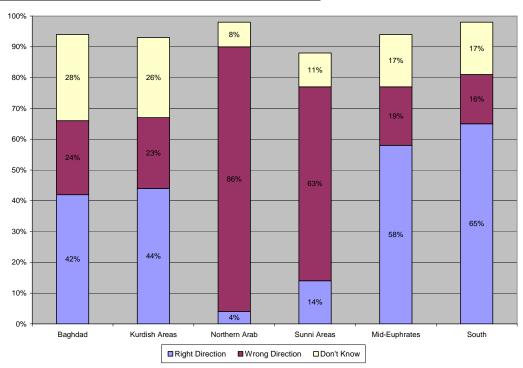
POLLING/POLITICS

 $\textit{JUNE 14-24, 2006: INTERNATIONAL REPUBLICAN INSTITUTE}^{116}$

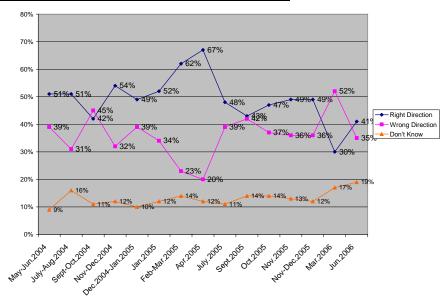
QUESTION TO IRAQIS: DO YOU FEEL THAT IRAQ IS GENERALLY HEADING IN THE RIGHT DIRECTION OR THE WRONG DIRECTION?



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



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



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

Right Direction

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

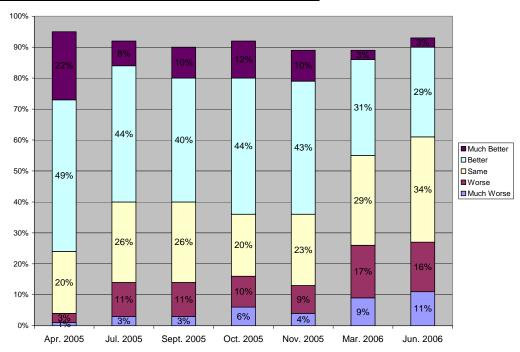
N = 1168

Wrong	Direction
44 I OHZ	Direction

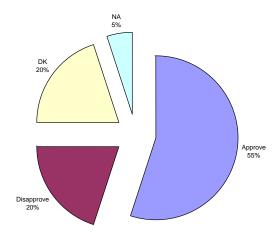
Bad security situation	34%
Presence of occupation	32%
Sectarian conflict	7%
Inactive government	7%
General instability	6%

N = 968

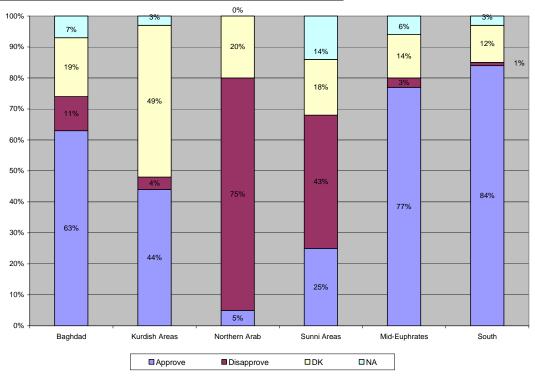
TRENDS FOR QUESTION: THINKING ABOUT THE FUTURE, DO YOU FEEL THAT THINGS WILL BE BETTER, THE SAME OR WORSE IN SIX MONTHS?



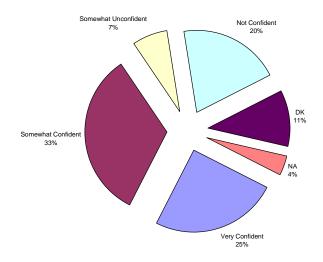
QUESTION TO IRAQIS: DO YOU APPROVE OR DISAPPROVE OF THE WAY PRIME MINISTER NOURI ALMALIKI IS HANDLING HIS JOB?



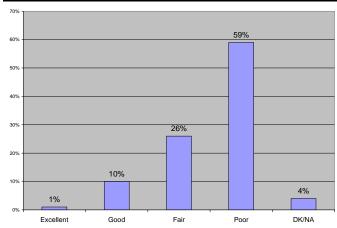
REGIONAL BREAKDOWN FOR QUESTION: DO YOU APPROVE OR DISAPPROVE OF THE WAY PRIME MINISTER NOURI AL-MALIKI IS HANDLING HIS JOB?



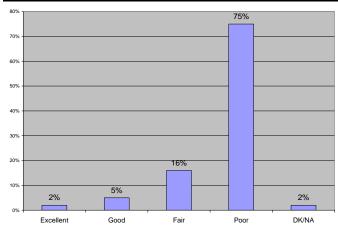
QUESTION TO IRAQIS: WHAT LEVEL OF OVERALL CONFIDENCE DO YOU HAVE IN THE GOVERNMENT ANNOUNCED BY PRIME MINISTER NOURI AL-MALIKI



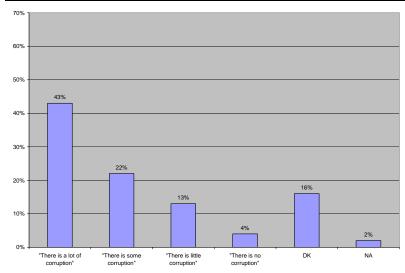
QUESTION TO IRAQIS: HOW WOULD YOU RATE THE ECONOMIC CONDITIONS IN IRAQ TODAY?



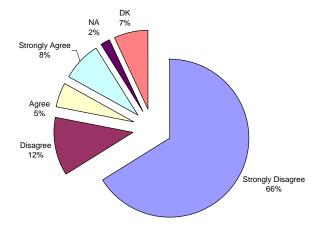
QUESTION TO IRAQIS: HOW WOULD YOU RATE SECURITY CONDITIONS IN IRAQ TODAY?



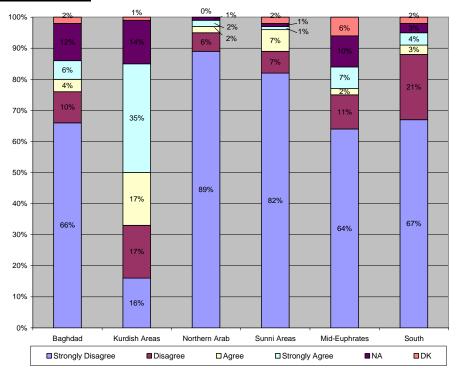
<u>QUESTION TO IRAQIS: IN YOUR OPINION, WHICH STATEMENT BEST DESCRIBES THE LEVEL OF</u> CORRUPTION IN IRAQI POLITICS AND GOVERNMENT TODAY?



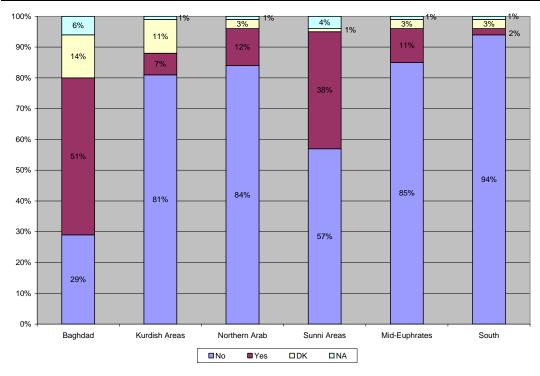
QUESTION TO IRAQIS: SOME PEOPLE ARE CALLING FOR THE SEGREGATION OF IRAQIS ACCORDING TO RELIGIOUS OR ETHNIC SECT. DO YOU AGREE OR DISAGREE WITH THIS SUGGESTION?



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

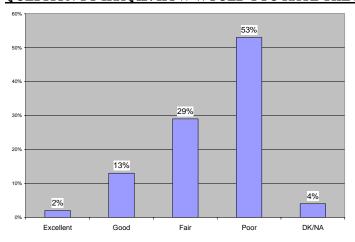


REGIONAL BREAKDOWN FOR QUESTION: DO YOU PERSONALLY KNOW SOMEONE WHO WAS FORCED TO LEAVE HIS NEIGHBORHOOD BECAUSE OF HIS ETHNIC OR RELIGIOUS IDENTITY?

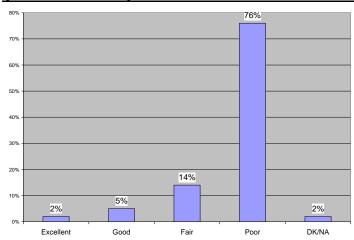


MARCH 23-31, 2006: INTERNATIONAL REPUBLICAN INSTITUTE¹¹⁷

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

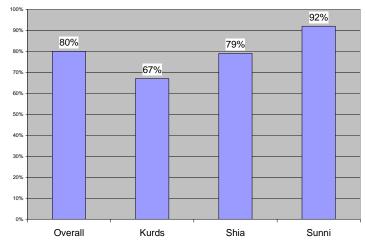


QUESTION TO IRAQIS: HOW WOULD YOU RATE SECURITY CONDITIONS IN IRAQ TODAY?

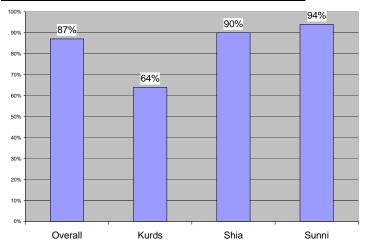


 $\textit{JAN. 31, 2006: WORLD PUBLIC OPINION.} \textit{ORG POLL} - \textit{WHAT THE IRAQI PUBLIC WANTS}^{118}$

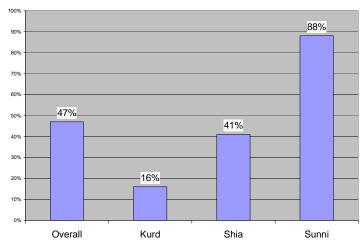
QUESTION TO IRAQIS: DO YOU THINK THE US GOVERNMENT PLANS TO HAVE PERMANENT MILITARY BASES IN IRAQ OR TO REMOVE ALL ITS MILITARY ONCE IRAQ IS STABILIZED? (cht shows those who feel the US plans permanent bases).



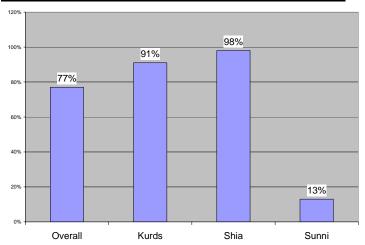
QUESTION TO IRAQIS: DO YOU APPROVE THE GOVERNMENT ENDORSING A TIMELINE FOR US WITHDRAWAL? (chart shows those answering yes).



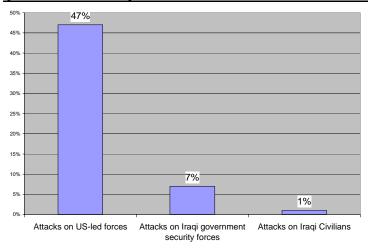
QUESTION TO IRAQIS: DO YOU APPROVE OR DISAPPROVE (STRONGLY OR SOMEWHAT) OF ATTACKS ON US-LED FORCES IN IRAQ? (chart shows those who approve).



<u>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?</u> (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 2005¹¹⁹

Iraqis who believe attacks against British and American troops	45% (65% in Maysan province)
are justified	82%
Iraqis "strongly opposed" to presence of Coalition troops Iraqis who believe coalition forces are responsible for any	62 % <1%
improvement in security	170
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 July 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).

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/).

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

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