

1800 K Street, NW
Suite 400
Washington, DC 20006

Phone: 1.202.775.3270
Fax: 1.202.775.3199

Web:
www.csis.org/burke/reports



The Afghan-Pakistan War: The Air War

Anthony H. Cordesman
Arleigh A. Burke Chair in Strategy

CSIS

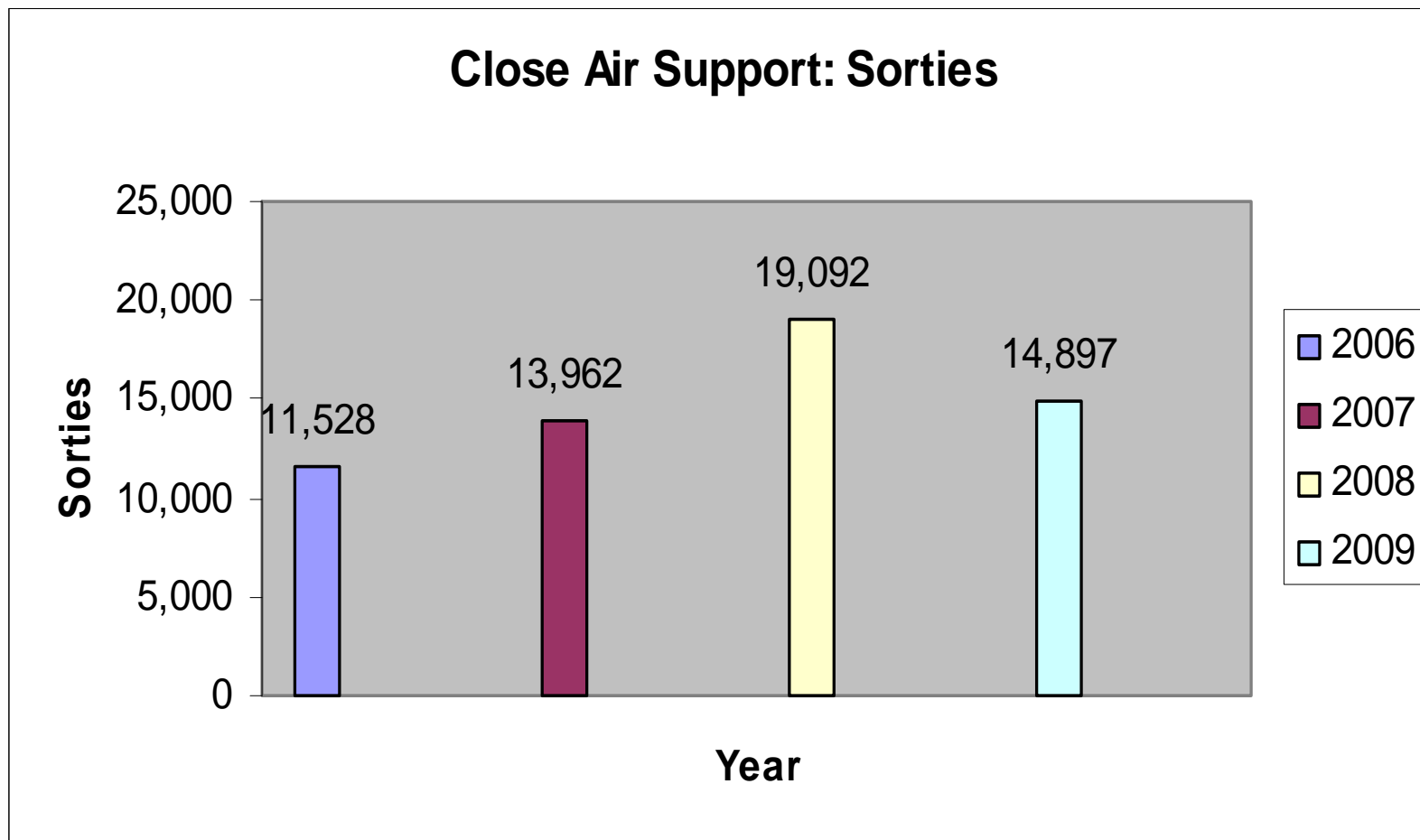
CENTER FOR STRATEGIC &
INTERNATIONAL STUDIES

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August 12, 2009

Scale and Impact of NATO Air Strikes

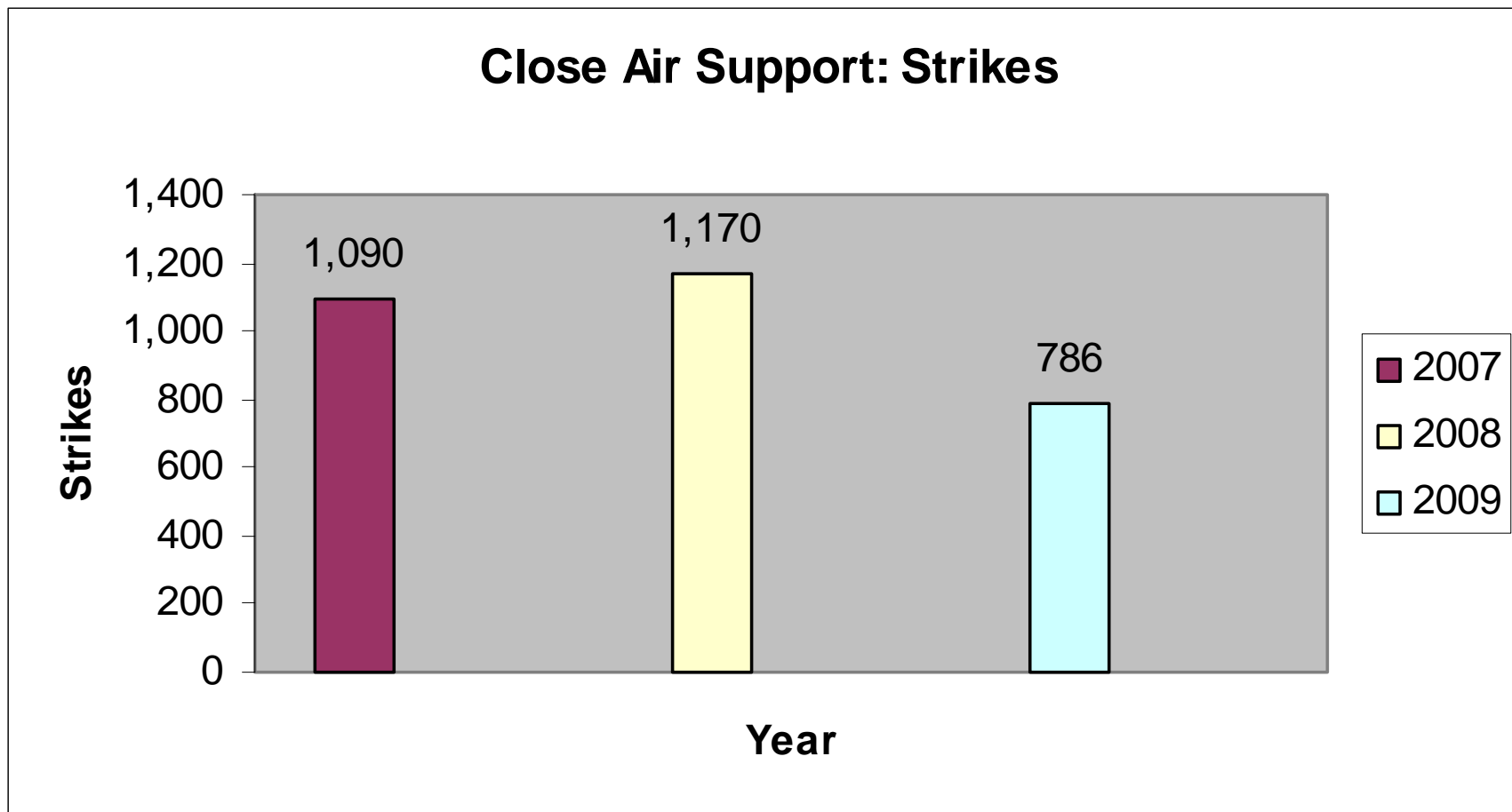
OPERATION ENDURING FREEDOM/ International Security Assistance Force



Source: United States Air Forces Central Combined Air and Space Operations Center

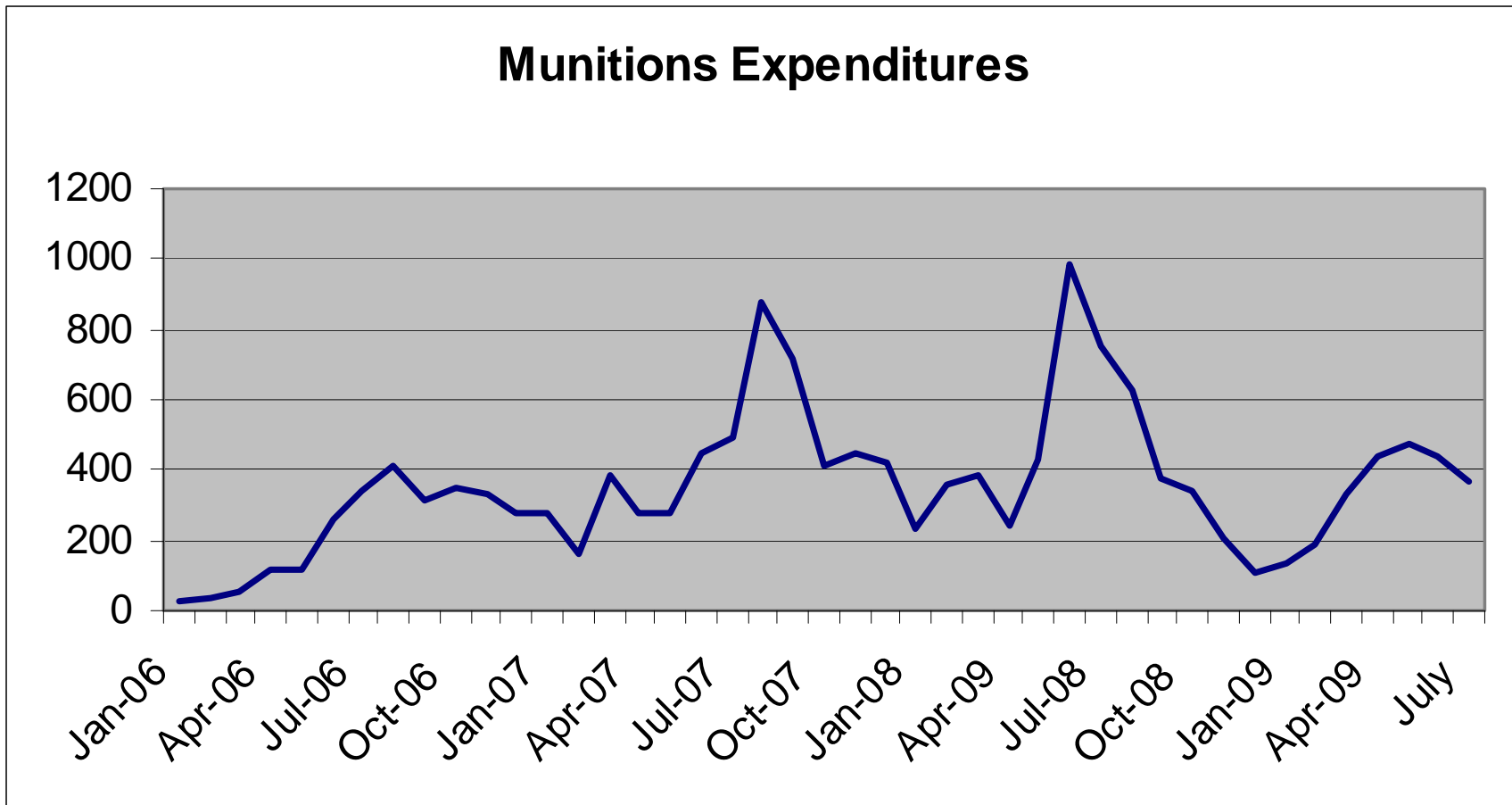
http://www.wired.com/images_blogs/dangerroom/2009/07/afcent-roll-up.pdf

OPERATION ENDURING FREEDOM/ International Security Assistance Force



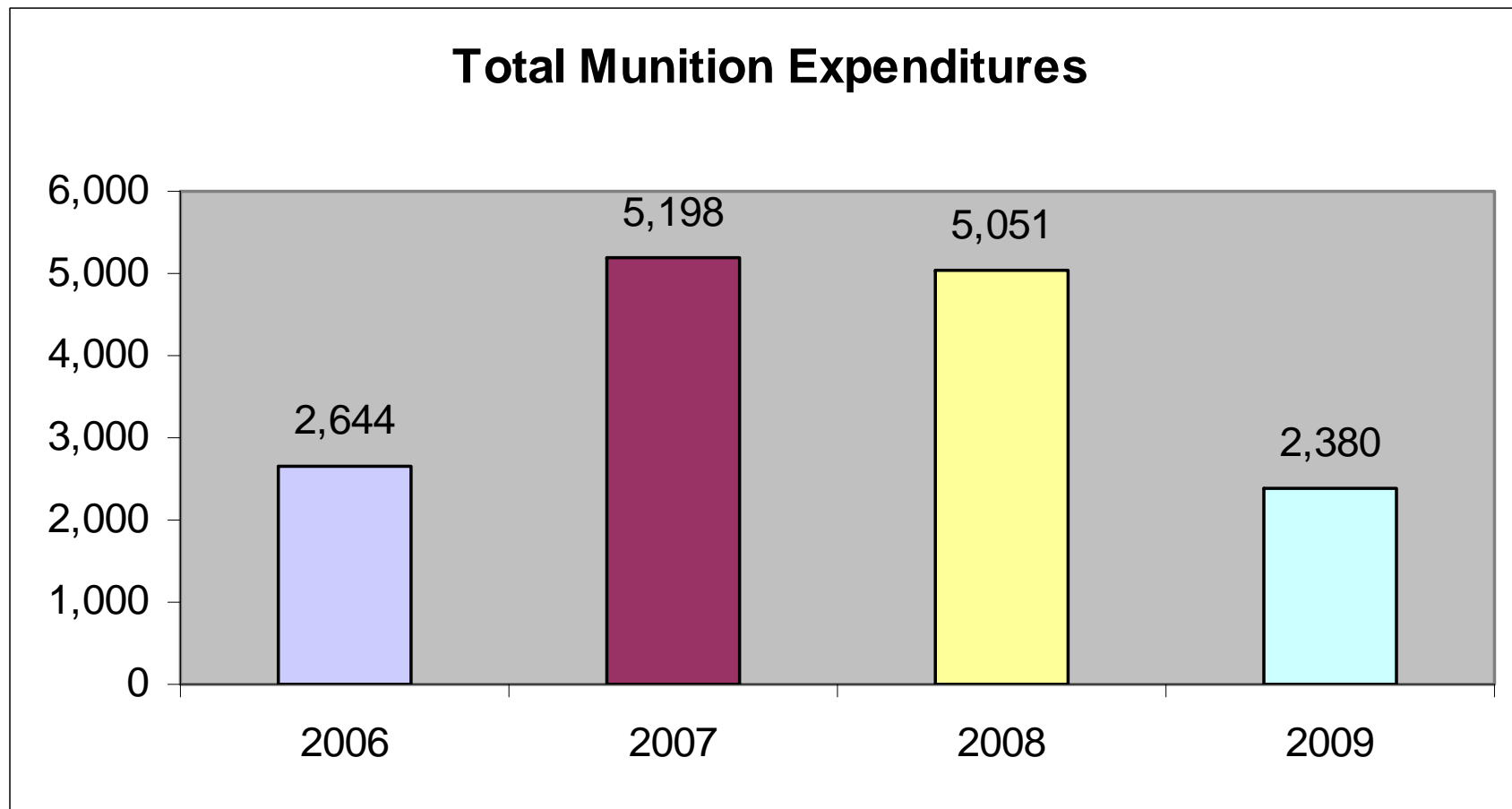
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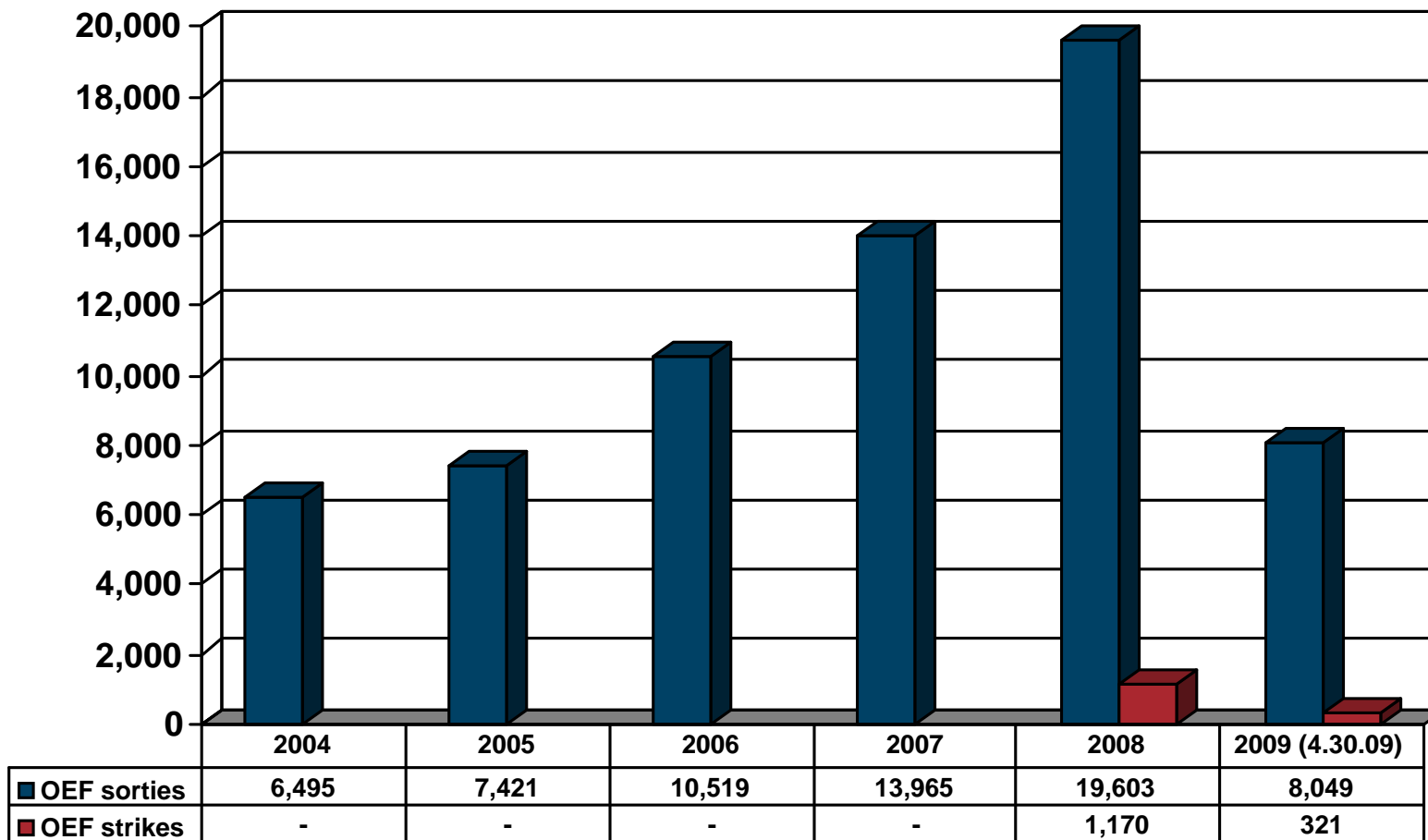
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OPERATION ENDURING FREEDOM/ International Security Assistance Force



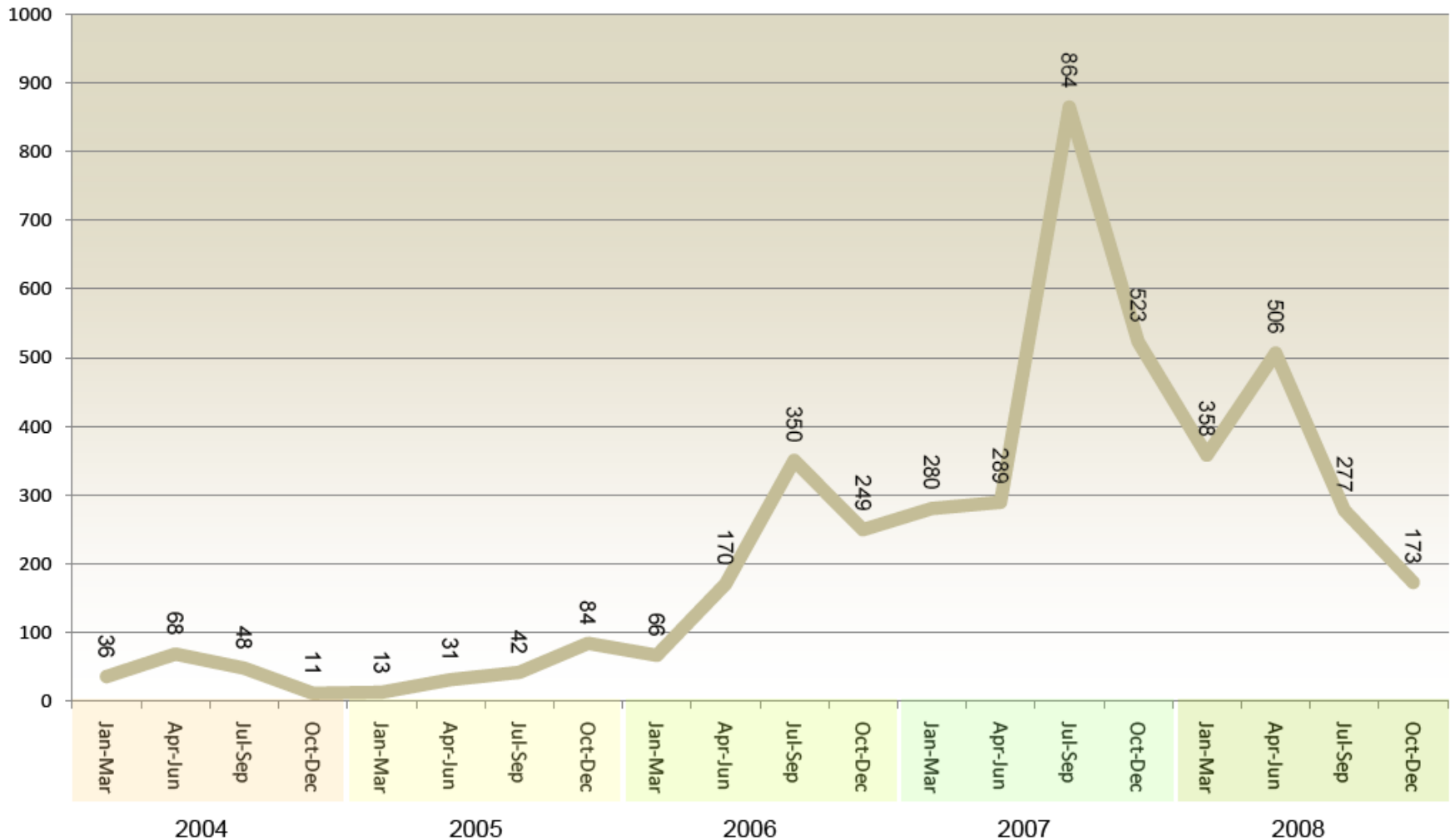
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CFACC Close Air Support Sorties in Afghanistan: 2004-2009



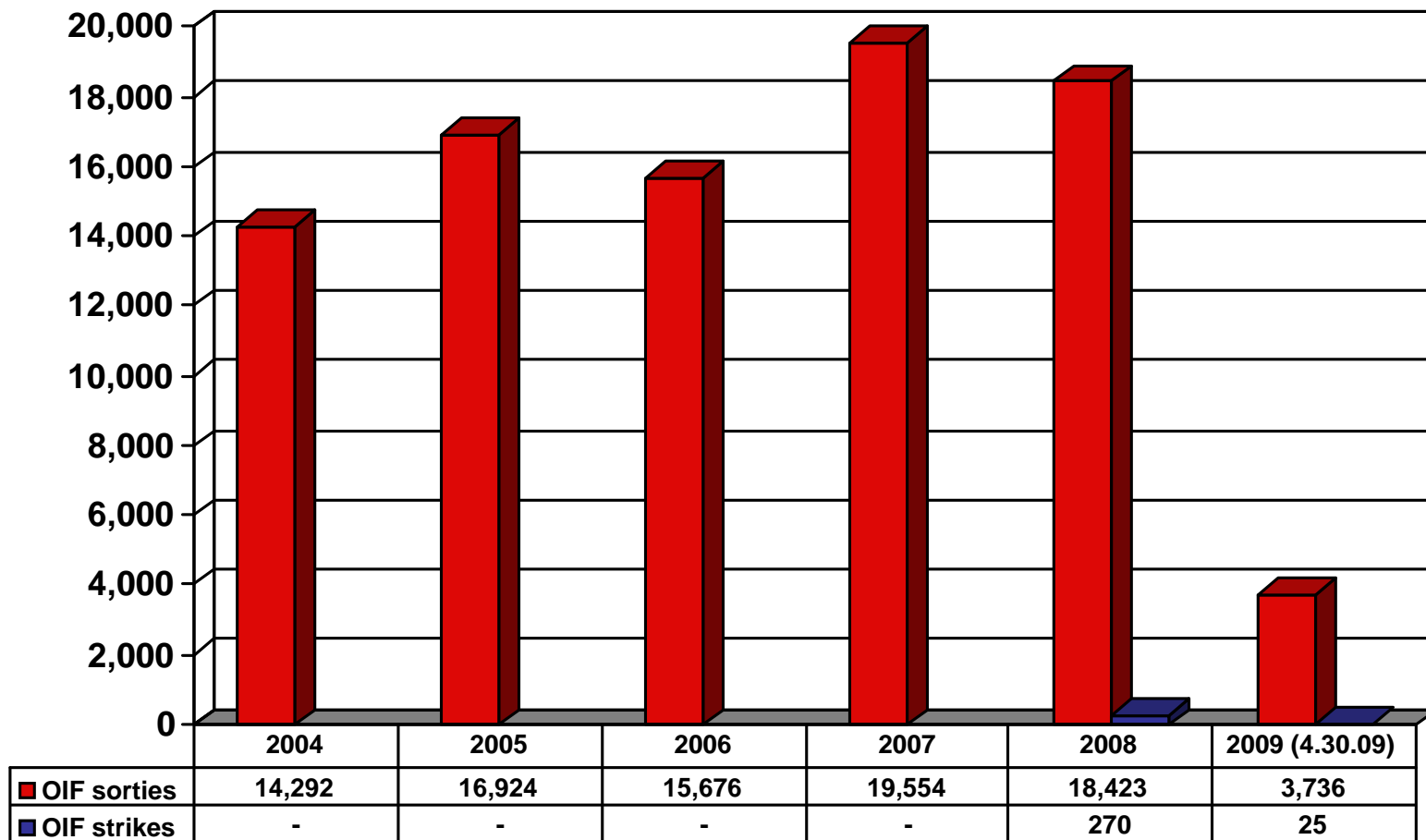
Source: : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

AFCENT Munitions Dropped 2004-2008 OPERATION ENDURING FREEDOM (Tons)



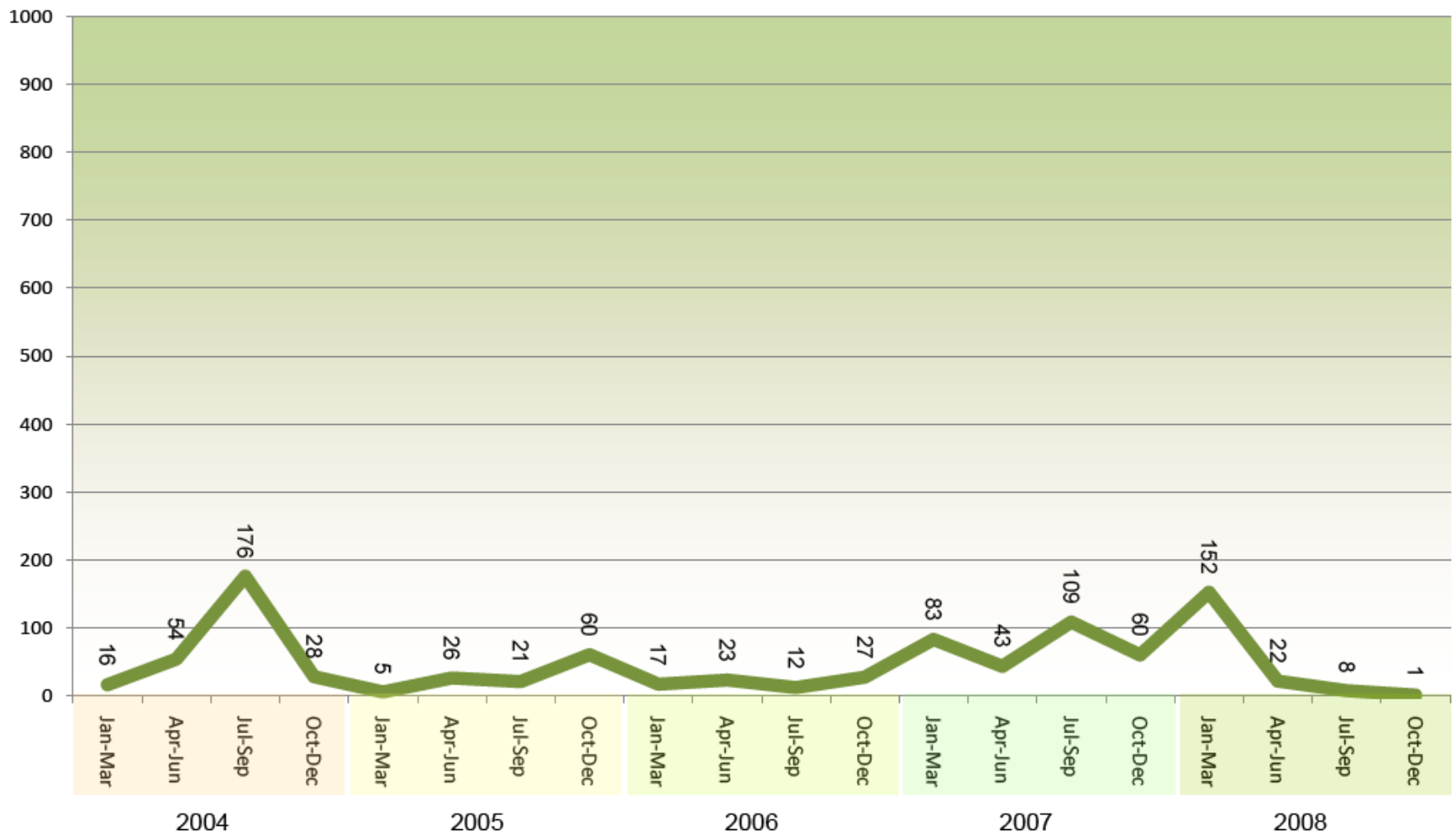
Source : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

CFACC Close Air Support Sorties in Iraq: 2004-2009

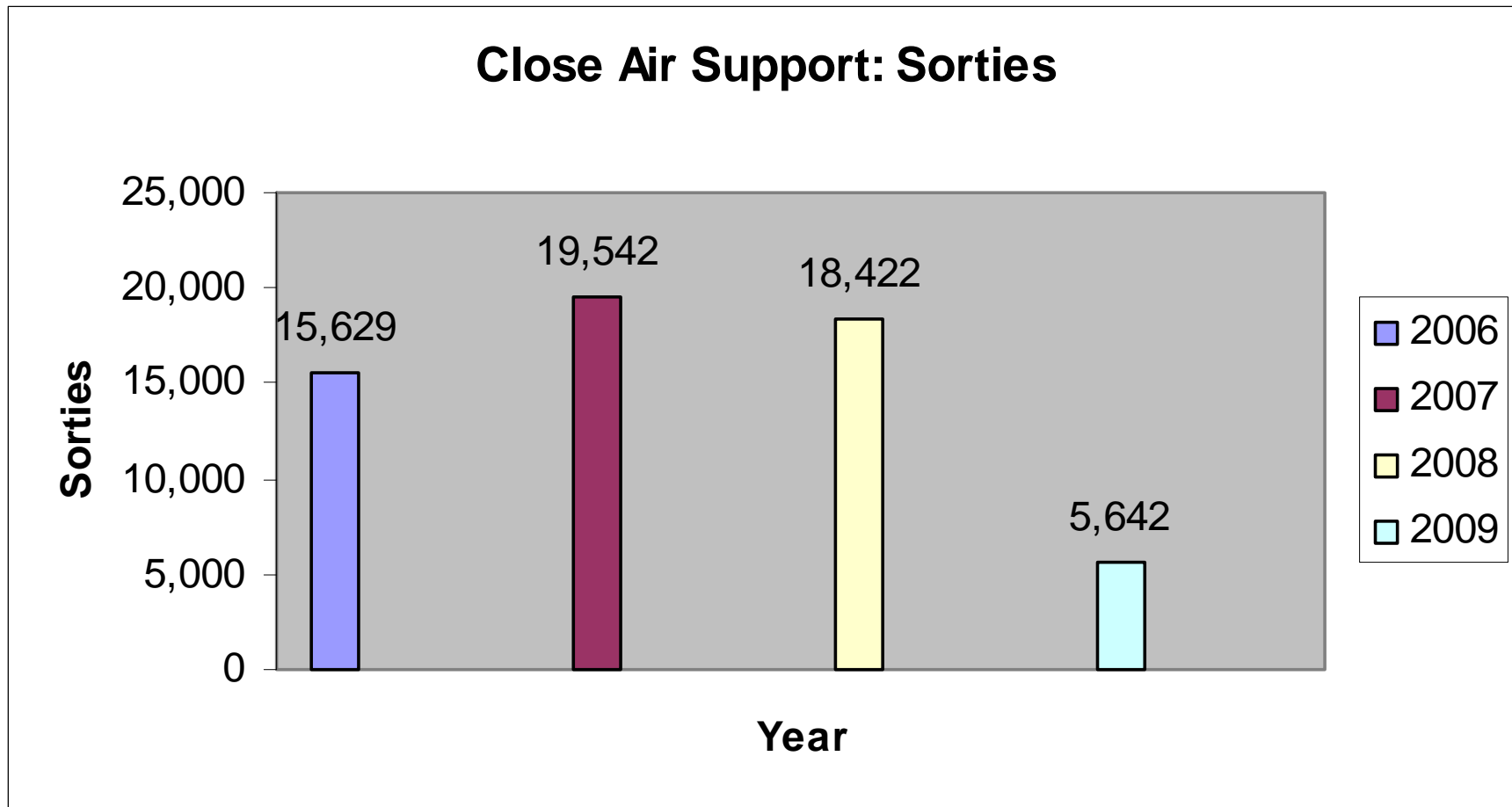


Source : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

AFCENT Munitions Dropped 2004-2008 OPERATION IRAQI FREEDOM (Tons)



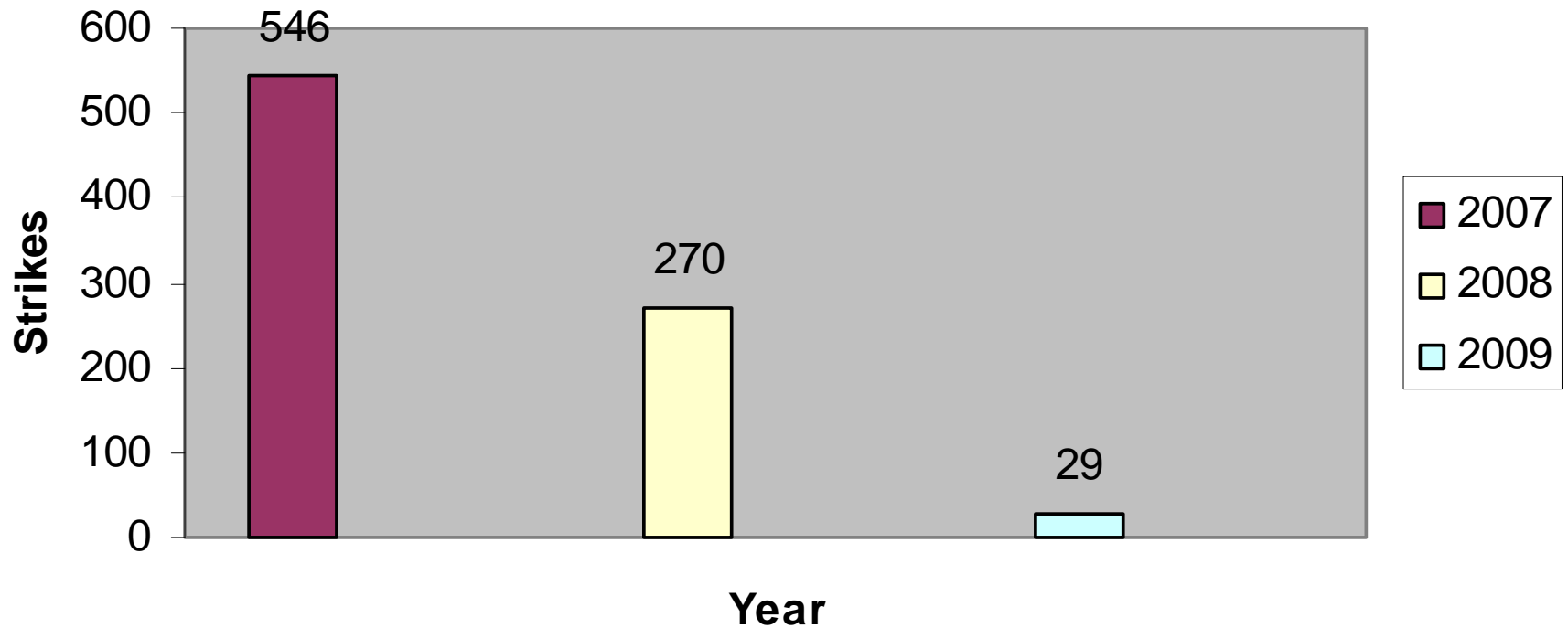
OPERATION IRAQI FREEDOM



Source: United States Air Forces Central Combined Air and Space Operations Center
http://www.wired.com/images_blogs/dangerroom/2009/07/afcent-roll-up.pdf

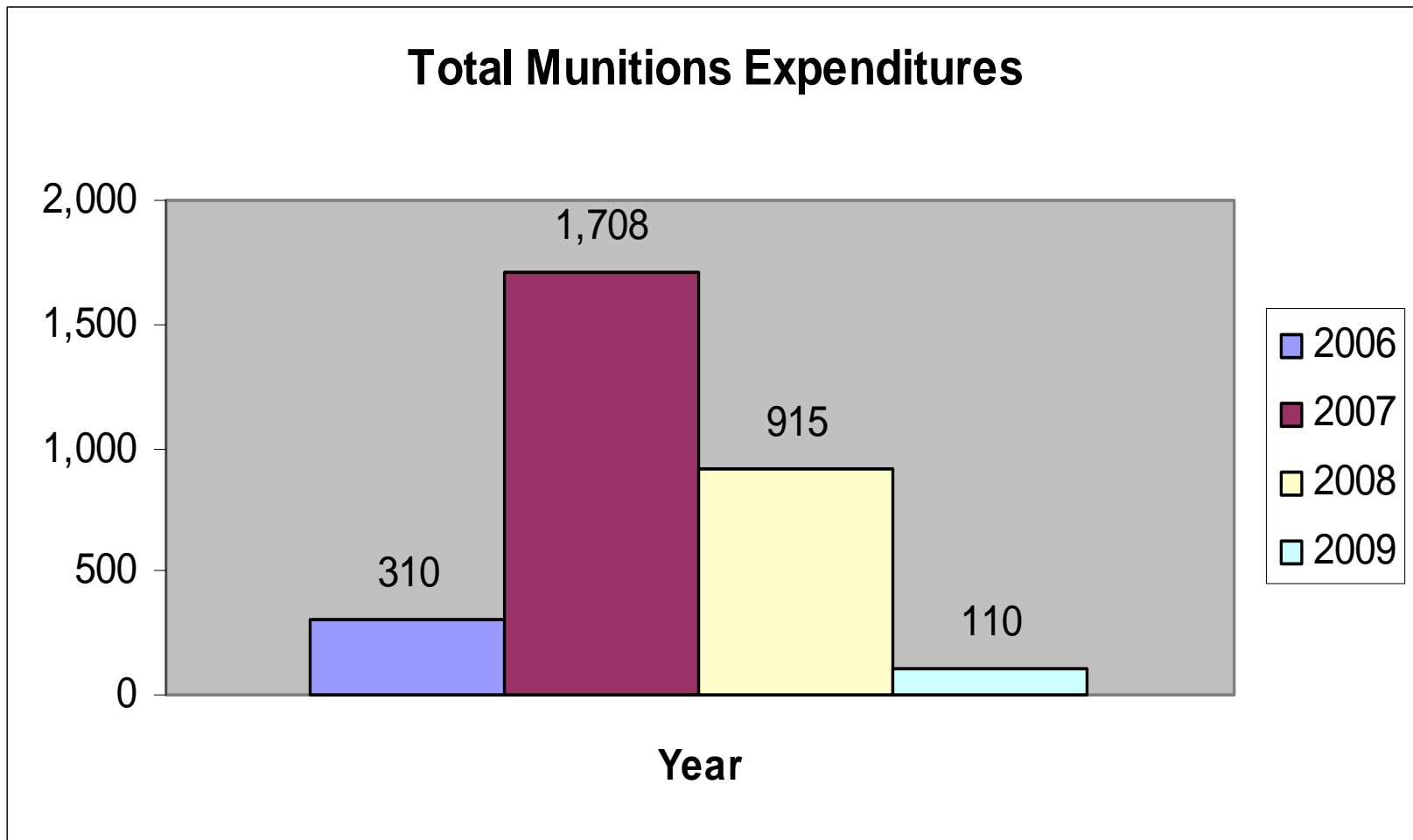
OPERATION IRAQI FREEDOM

Close Air Support: Strikes



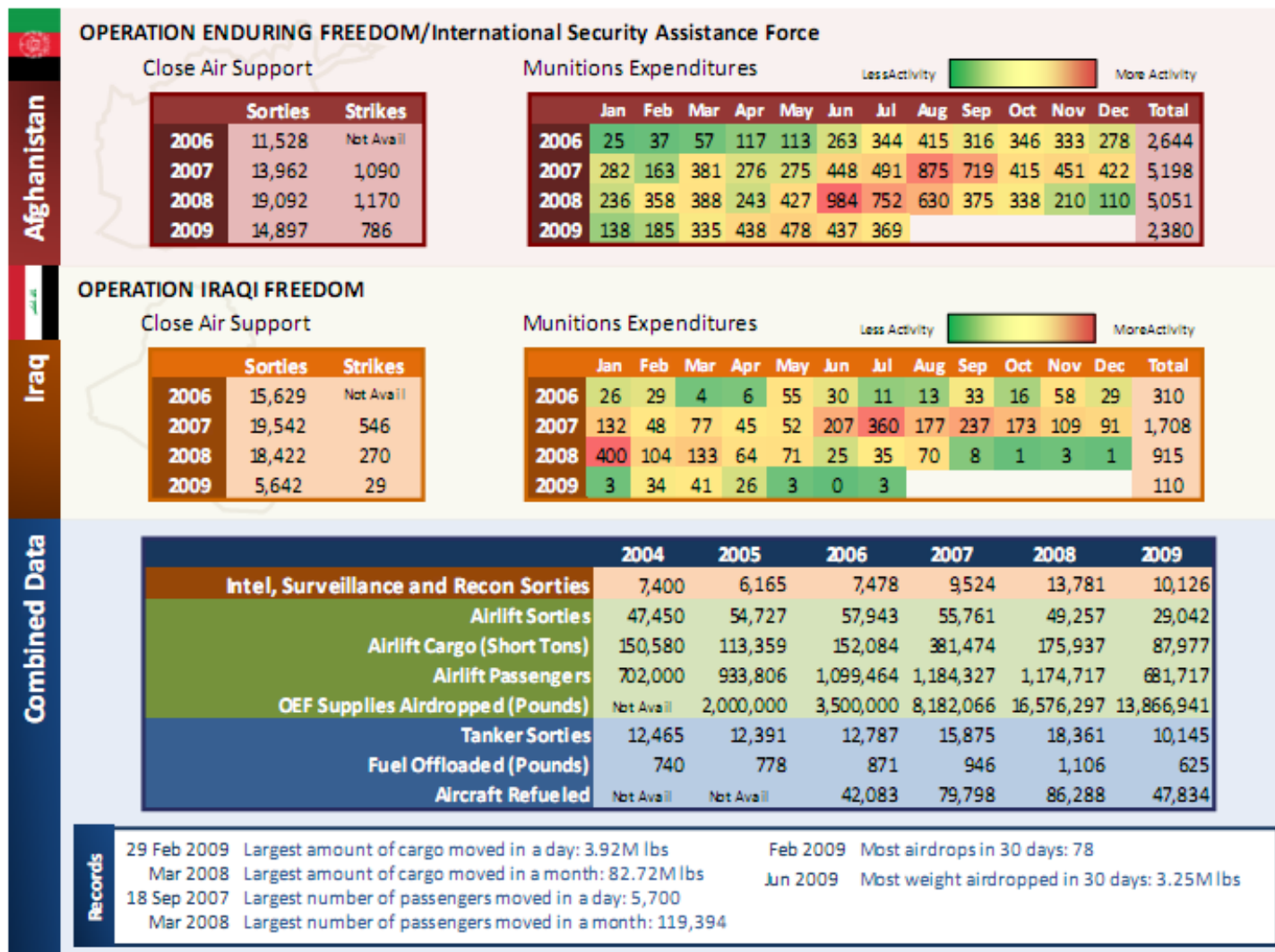
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OPERATION IRAQI FREEDOM



Source: United States Air Forces Central Combined Air and Space Operations Center
http://www.wired.com/images_blogs/dangerroom/2009/07/afcent-roll-up.pdf

Combined Forces Air Component Commander 2004-2009 Airpower Statistics



Source: United States Air Forces Central Combined Air and Space Operations Center

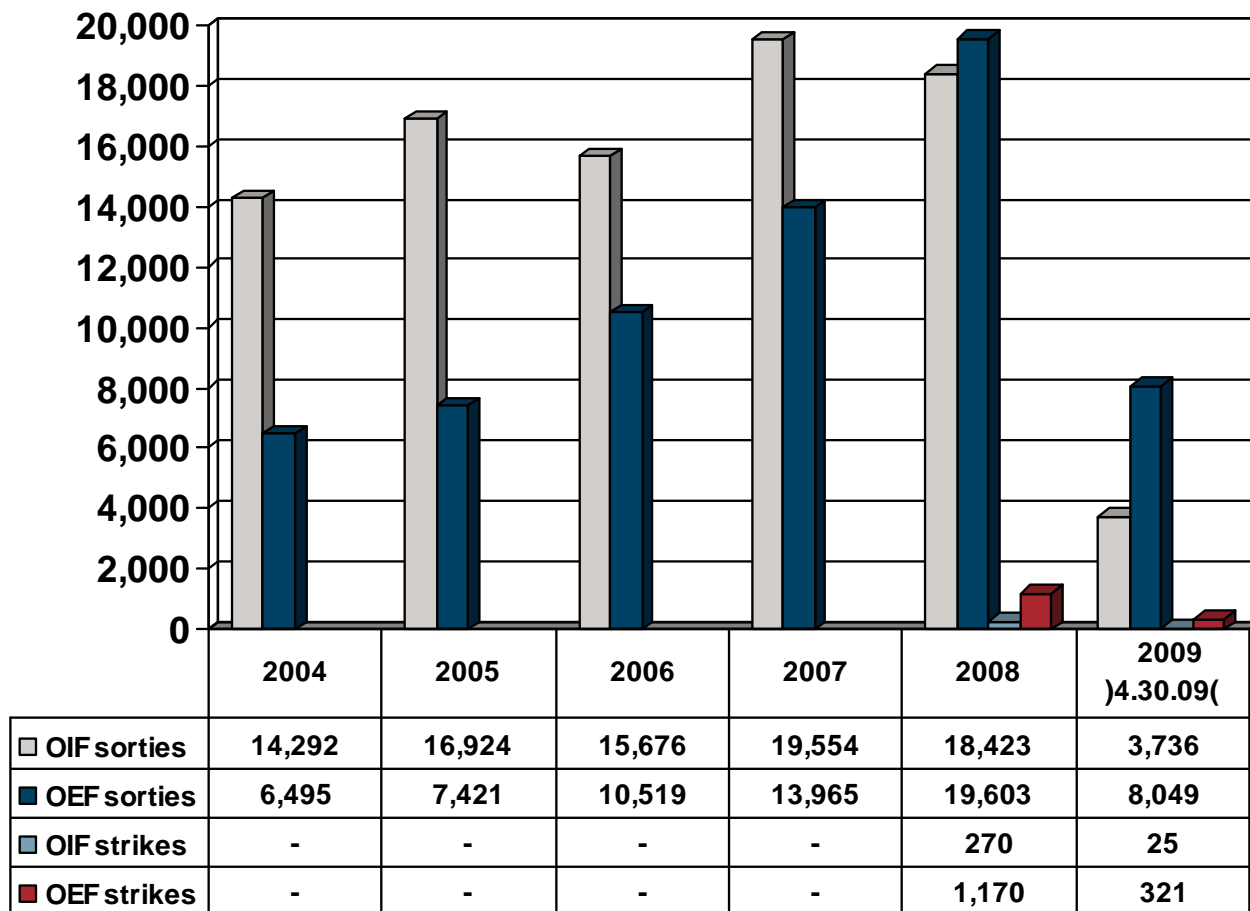
http://www.wired.com/images_blogs/dangerroom/2009/07/afcent-roll-up.pdf

CFACC Air Activity Data for Iraq and Afghanistan: 2004-2009

| | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009 YTD</u> |
|--|-------------|-------------|-------------|-------------|-------------|-----------------|
| <u>Tanker</u> | | | | | | |
| Sorties | 12,465 | 12,391 | 12,787 | 15,875 | 18,361 | 5,398 |
| Fuel Off loaded (million lbs.) | 740 | 778 | 871 | 946 | 1106 | 358 |
| Receivers | N/A | N/A | 42,083 | 79,798 | 86,288 | 28,191 |
| <u>Intelligence, Surveillance, Reconnaissance</u> | | | | | | |
| Sorties | 7,400 | 6,165 | 7,478 | 9,524 | 13,781 | 5,395 |
| <u>Airlift (U.S. Air Force only)</u> | | | | | | |
| Sorties | 47,450 | 54,727 | 57,943 | 55,761 | 49,257 | 16,015 |
| Cargo (Short tons) | 150,580 | 113,359 | 152,084 | 381,474 | 175,937 | 49,847 |
| Passengers | 702,000 | 933,806 | 1,099,464 | 1,184,327 | 1,174,717 | 376,576 |
| <u>Airdrop</u> | | | | | | |
| Troop supplies airdropped (lbs.) | N/A | 2,000,000 | 3,500,000 | 8,182,066 | 16,576,297 | 5,338,366 |
| <u>Close Air Support</u> | | | | | | |
| OIF: CFACC CAS Sorties | 14,292 | 16,924 | 15,676 | 19,554 | 18,423 | 3,736 |
| OEF/ISAF: CFACC CAS Sorties | 6,495 | 7,421 | 10,519 | 13,965 | 19,603 | 8,049 |
| OIF: CFACC CAS Strikes | N/A | N/A | N/A | N/A | 270 | 25 |
| OEF/ISAF: CFACC CAS Strikes | N/A | N/A | N/A | N/A | 1,170 | 321 |

Monthly Munitions Dropped

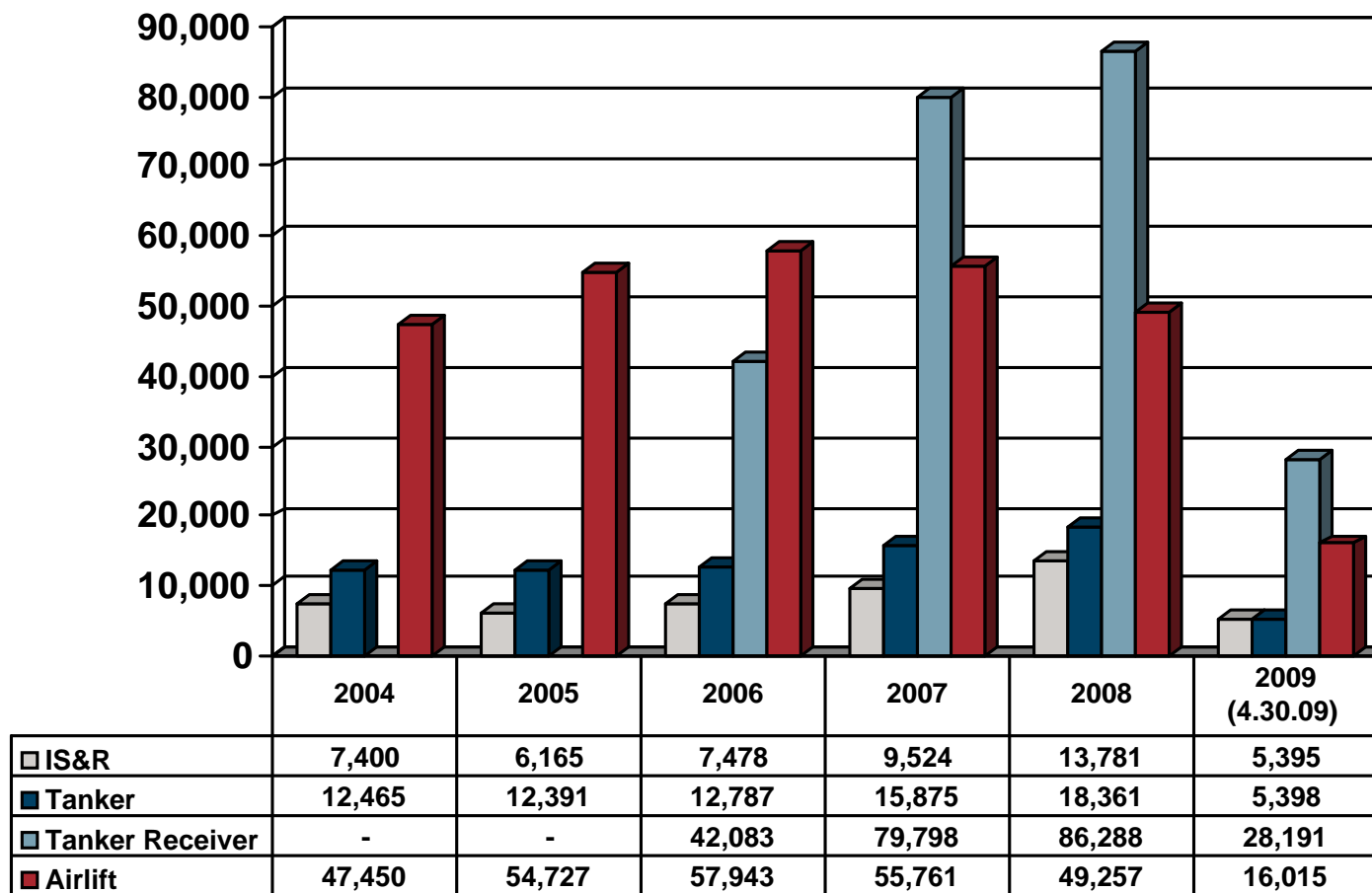
CFACC Close Air Support Sorties in Iraq and Afghanistan: 2004-2009



Source: : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

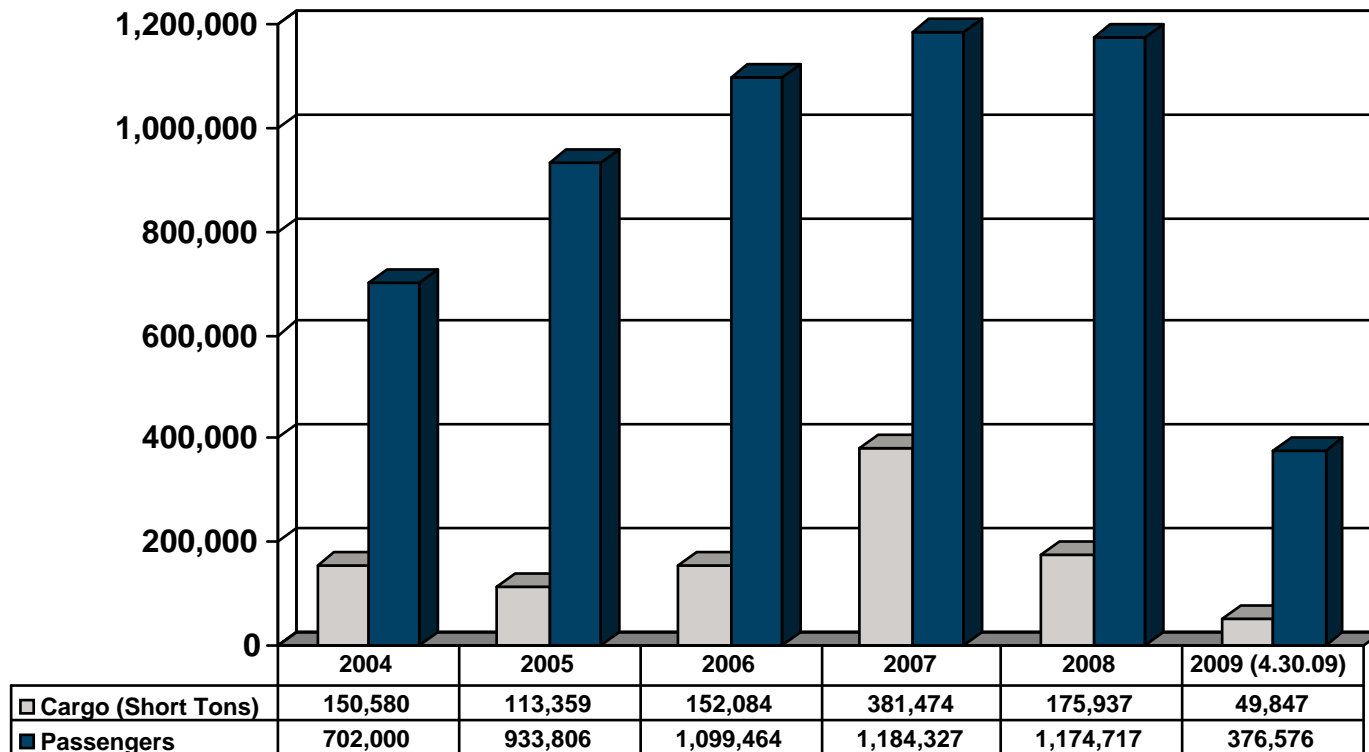
Enabler Sorties in Iraq and Afghanistan: 2004-2009

(Number of Sorties)



Source : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

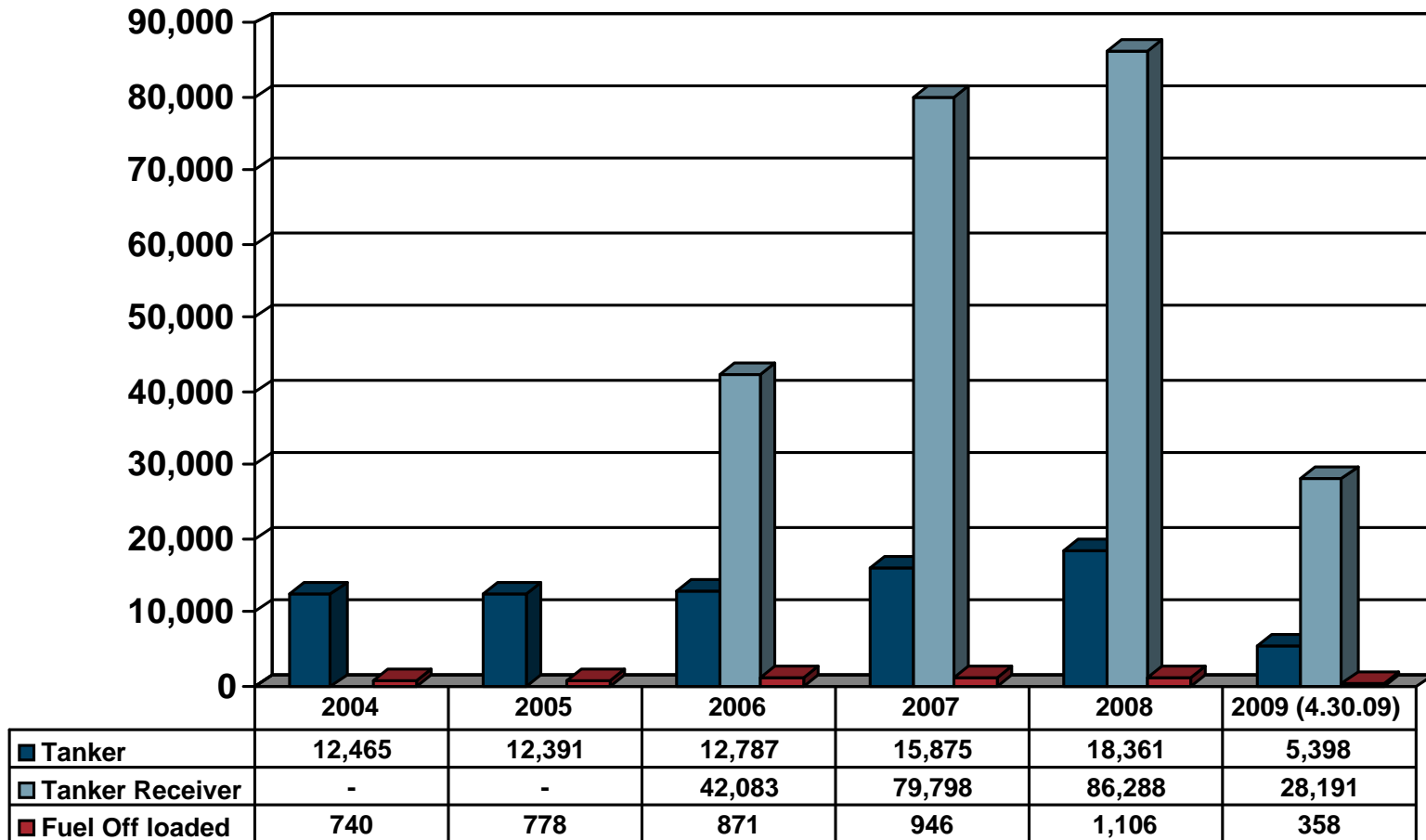
Airlift for Iraq and Afghanistan: 2004-2009 (Cargo and Passengers)



Source: : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

Tanker Role in Iraq and Afghanistan: 2004-2009

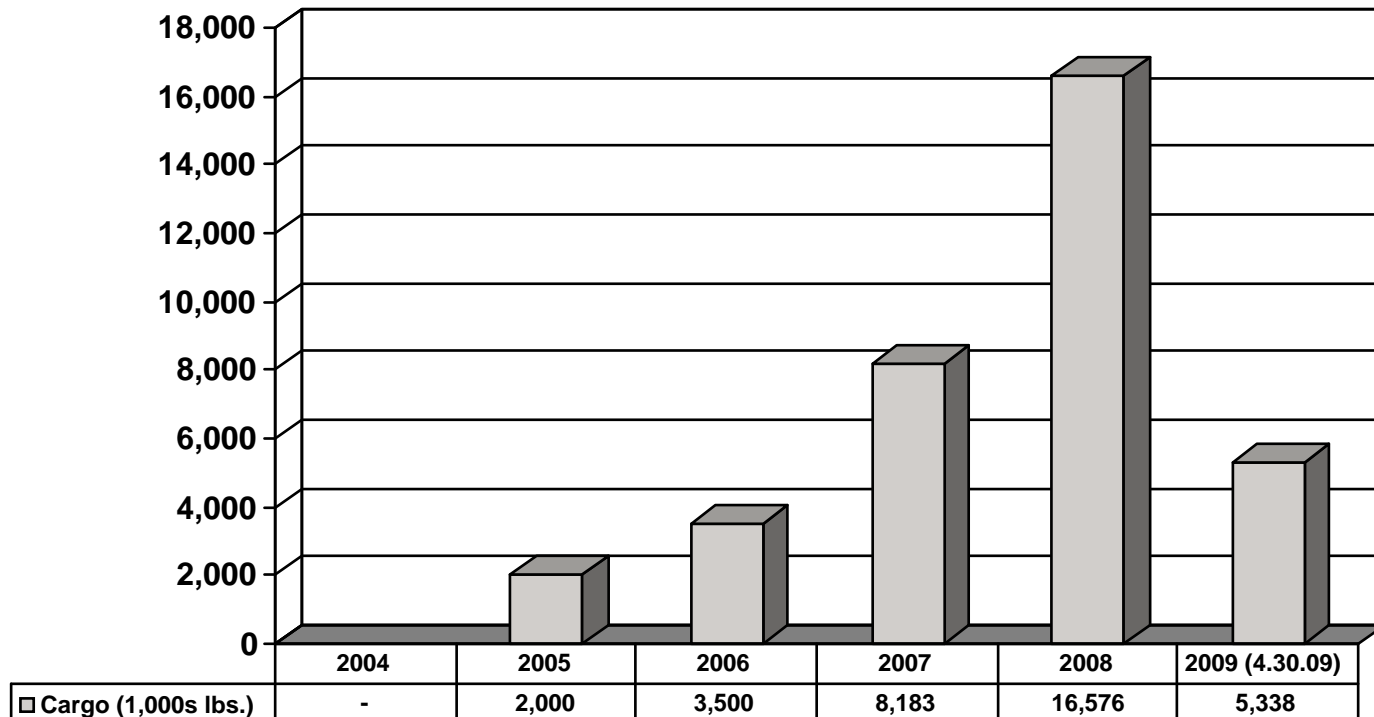
(Number of Sorties and Millions of Lbs. of Fuel)



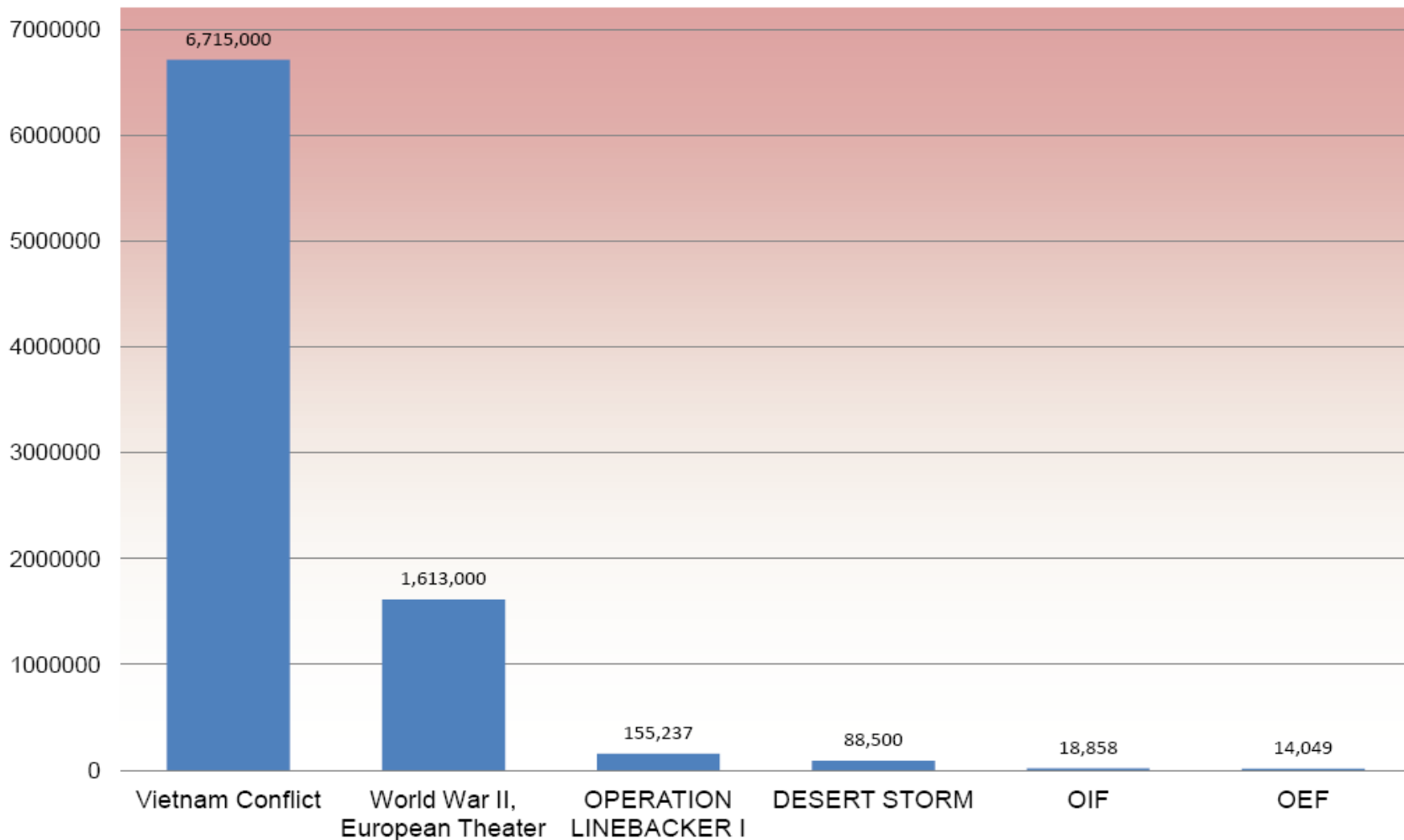
Source: : NATO/ISAF and AFCENT (CAOC), May 12, 2009; As of April 30, 2009

Airdrops in Iraq and Afghanistan: 2004-2009

(Cargo in 1,000s of Lbs.)



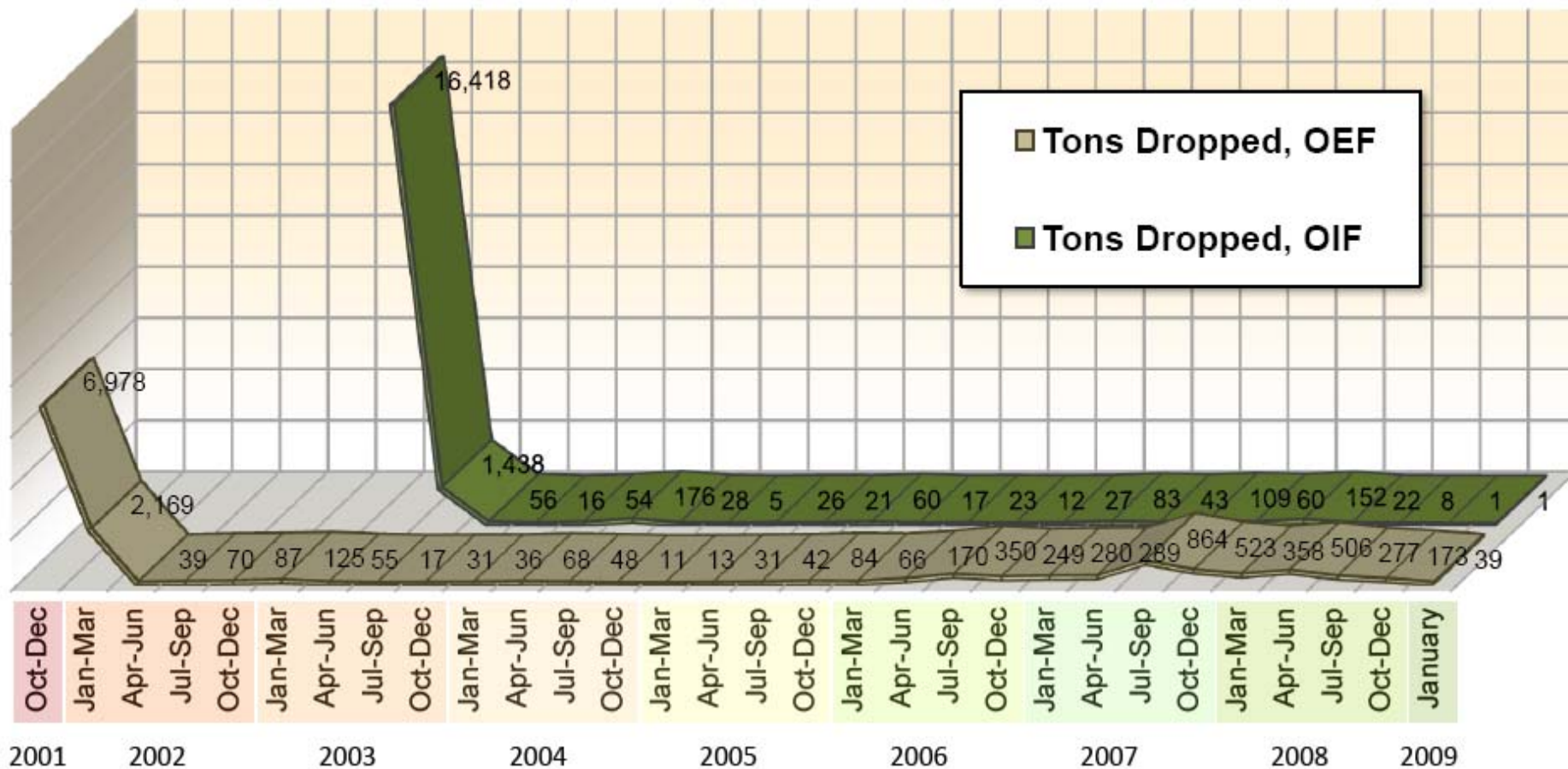
Allied, Coalition, or US Munitions Dropped by Conflict/Operation (Tons of Munitions)



Allied, Coalition, or US Munitions Dropped by Conflict/Operation by Month (Tons of Munitions)

| | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | |
|--------------|------------|-----------|------------|------------|------------|--------------|--------------|--------------|------------|--------------|------------|--------------|
| | OIF | OEF | OIF | OEF | OIF | OEF/ ISAF | OIF | OEF/ ISAF | OIF | OEF/ ISAF | OIF | OEF/ ISAF |
| Jan | 4 | 1 | 27 | 1 | 20 | 5 | 89 | 178 | 400 | 190 | 3 | 138 |
| Feb | 7 | 3 | 4 | 1 | 10 | 23 | 36 | 163 | 102 | 259 | 34 | 185 |
| Mar | 3 | 7 | 0 | 1 | 3 | 42 | 52 | 310 | 105 | 265 | 41 | 335 |
| Apr | 54 | 1 | 14 | 23 | 6 | 63 | 45 | 202 | 54 | 166 | 26 | 438 |
| May | 9 | 3 | 28 | 7 | 30 | 59 | 44 | 179 | 72 | 327 | | |
| Jun | 13 | 24 | 38 | 10 | 17 | 141 | 171 | 288 | 21 | 646 | | |
| Jul | 25 | 16 | 24 | 16 | 9 | 216 | 303 | 368 | 29 | 515 | | |
| Aug | 48 | 9 | 50 | 20 | 12 | 242 | 166 | 670 | 52 | 385 | | |
| Sep | 34 | 13 | 35 | 9 | 22 | 329 | 234 | 406 | 5 | 230 | | |
| Oct | 35 | 4 | 64 | 19 | 16 | 240 | 140 | 198 | 8 | 182 | | |
| Nov | 35 | 1 | 56 | 23 | 48 | 201 | 81 | 289 | 2 | 120 | | |
| Dec | 18 | 4 | 64 | 46 | 36 | 209 | 86 | 321 | 1 | 84 | | |
| Total | 285 | 86 | 404 | 176 | 229 | 1,770 | 1,447 | 3,572 | 851 | 3,369 | 104 | 1,096 |

AFCENT Munitions Drops OPERATIONS ENDURING FREEDOM & IRAQI FREEDOM



Munitions Dropped in Afghanistan versus Iraq: First Six Months of 2008 (Bombs and Missiles)

