

## Civilian casualties in Afghanistan

This graph shows the monthly tally of civilian casualties in Afghanistan caused by insurgents and coalition military forces (ISAF). It is based on data released by the U.K. Ministry of Defence for a study conducted by Neil Shortland of the Center for Terrorism and Security Studies at the University of Massachusetts, Lowell. The entire data set is available at <http://scim.ag/Afghandata>.

By Neil Shortland and John Bohannon

May 2009 ISAF airstrike in Granai



July 2009 General Stanley McChrystal, ISAF commander, declares the civilian population the "center of gravity" in Afghanistan

May 2011 Osama bin Laden killed by U.S. Special Forces raid

June 2011 President Barack Obama announces schedule for troop withdrawal

November 2011 Mullah Mohammed Omar calls on Taliban to "take every step to protect the lives" of civilians

December 2011 Suicide bombing in Kabul



June 2012 General John Allen, ISAF commander, limits aerial bombings

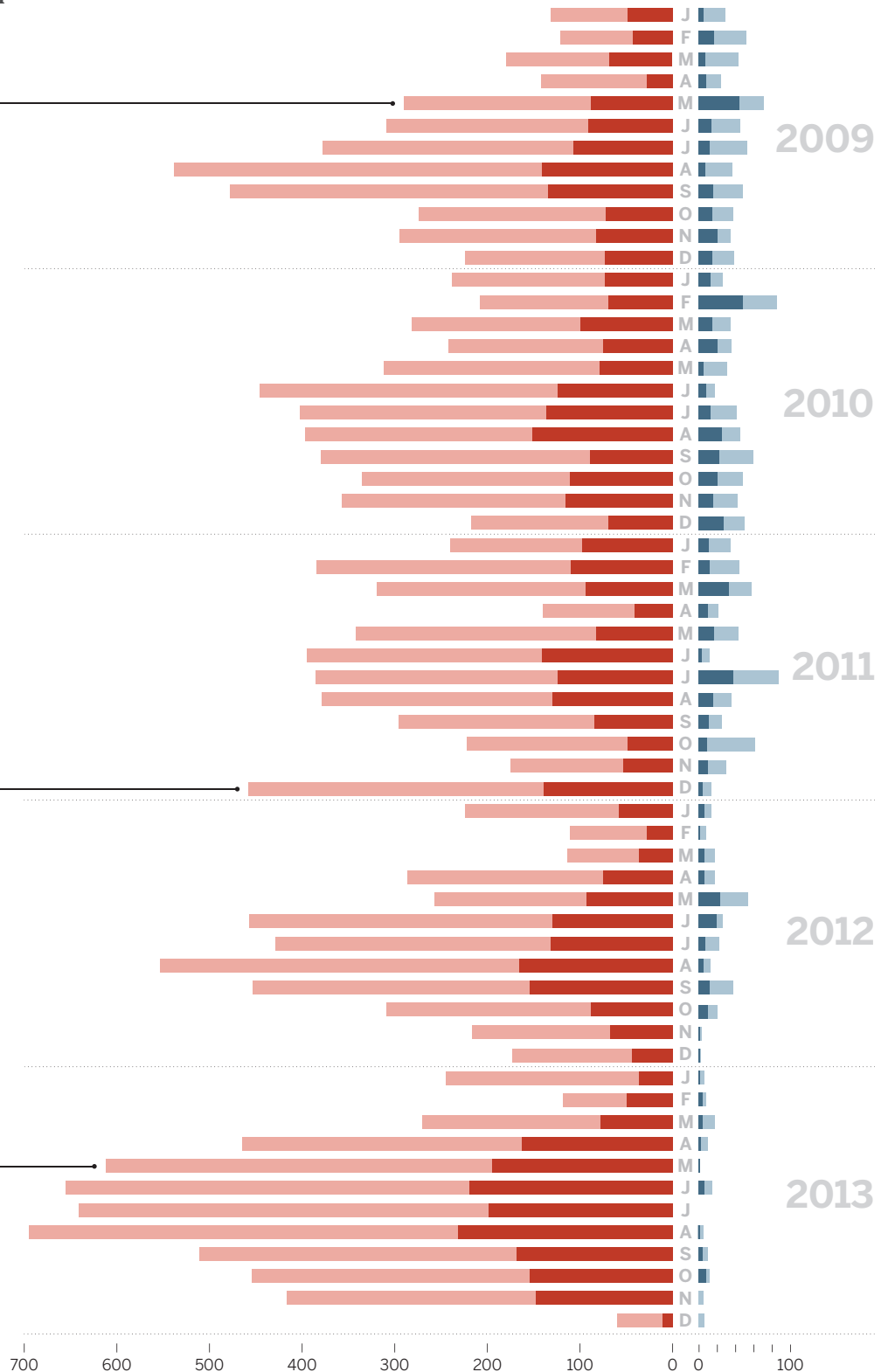
September 2012 The Afghan government is leading over 80% of security operations

May 2013 Double IED attacks in Kabul



**Caused by insurgents**  
Deaths (dark red)  
Injuries (light red)

**Caused by ISAF**  
Deaths (dark blue)  
Injuries (light blue)



PHOTOS: (TOP TO BOTTOM) JOAO SILVA/THE NEW YORK TIMES/REDUX; S. SABANWON/EPA/CORBIS; REUTERS; OMAR SOBHANI

Downloaded from <http://science.sciencemag.org/> on May 22, 2019

# Science

## Civilian casualties in Afghanistan

Neil Shortland and John Bohannon

*Science* **345** (6198), 723-724.  
DOI: 10.1126/science.345.6198.723

ARTICLE TOOLS	<a href="http://science.sciencemag.org/content/345/6198/723">http://science.sciencemag.org/content/345/6198/723</a>
RELATED CONTENT	<a href="http://science.sciencemag.org/content/sci/345/6198/722.full">http://science.sciencemag.org/content/sci/345/6198/722.full</a> <a href="http://science.sciencemag.org/content/sci/345/6198/725.full">http://science.sciencemag.org/content/sci/345/6198/725.full</a> <a href="file:/content">file:/content</a>
PERMISSIONS	<a href="http://www.sciencemag.org/help/reprints-and-permissions">http://www.sciencemag.org/help/reprints-and-permissions</a>

Use of this article is subject to the [Terms of Service](#)

---

*Science* (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.