

Washington Impaired Driving Data



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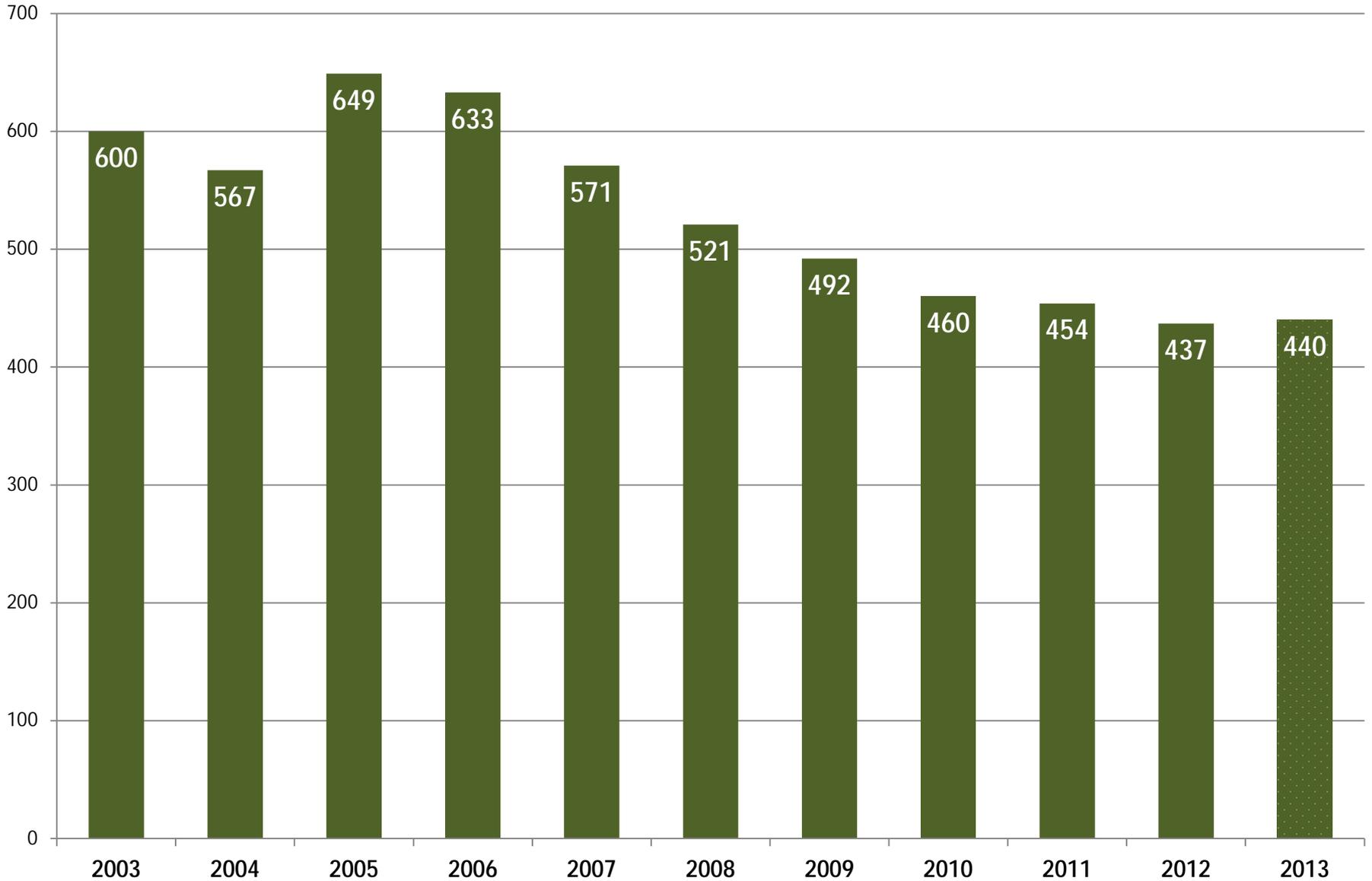
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Traffic Fatalities 2003-2013 [Preliminary]

Source: Fatality Analysis Reporting System [WTSC]



Traffic Serious Injuries 2003-2013 [Preliminary]

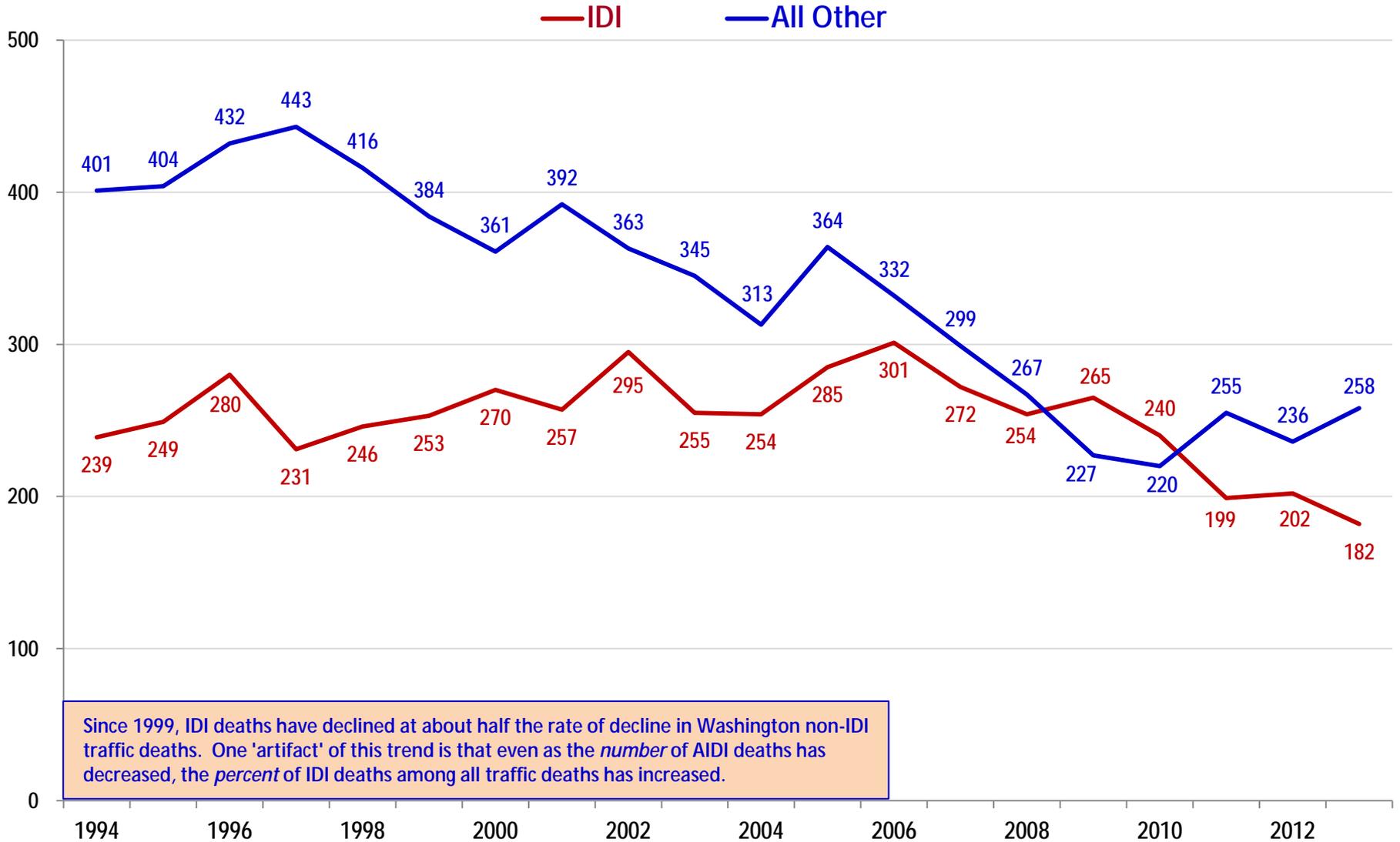
Source: Collision Location Analysis System [WSDOT]



Washington Traffic Fatalities, 1994-2013*

Impaired Driver-Involved (IDI) vs. All Other

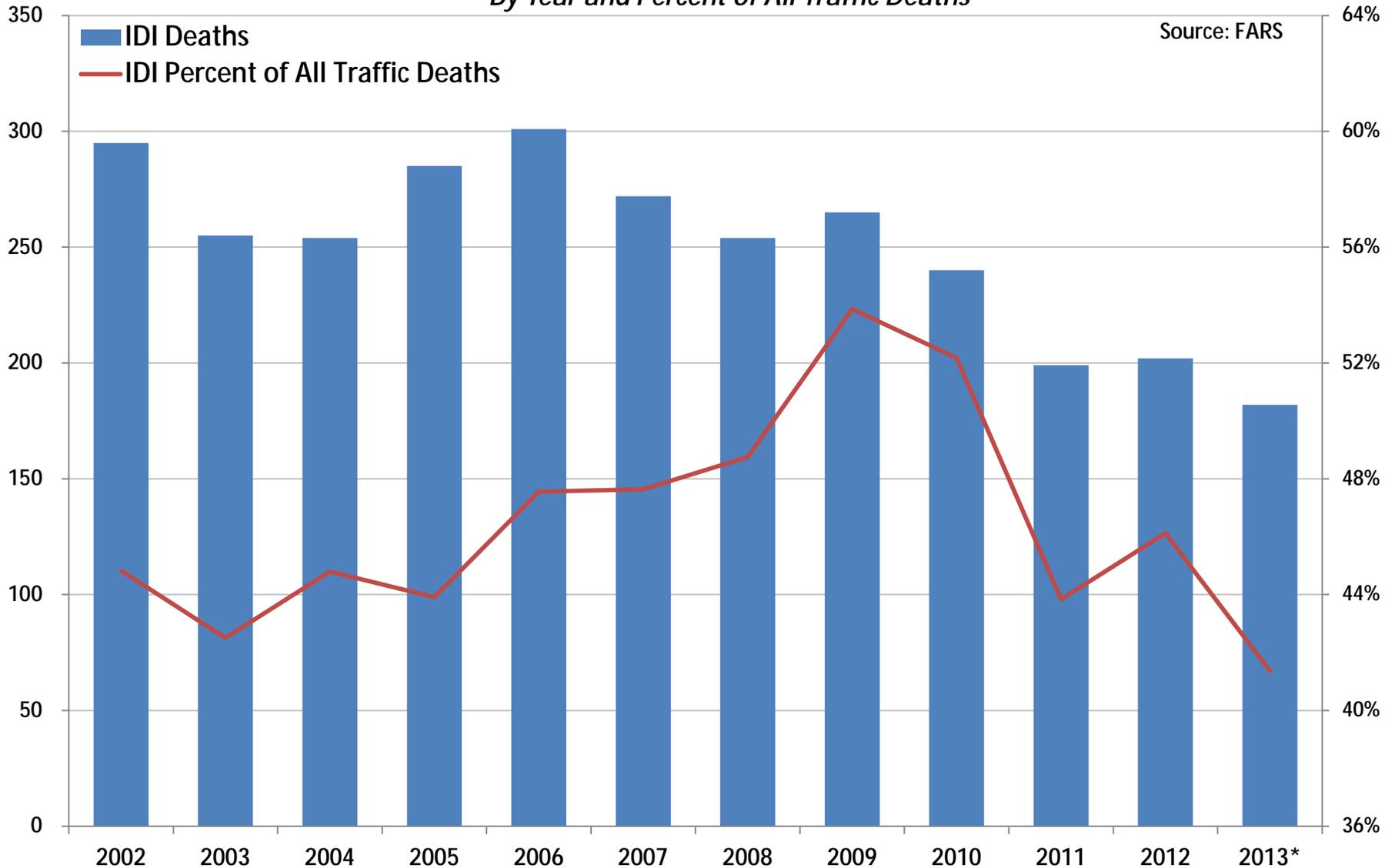
*2013 figures based on preliminary data



Since 1999, IDI deaths have declined at about half the rate of decline in Washington non-IDI traffic deaths. One 'artifact' of this trend is that even as the *number* of AIDI deaths has decreased, the *percent* of IDI deaths among all traffic deaths has increased.

Washington Impaired-Driver-Involved Deaths, 2002-2013*

By Year and Percent of All Traffic Deaths

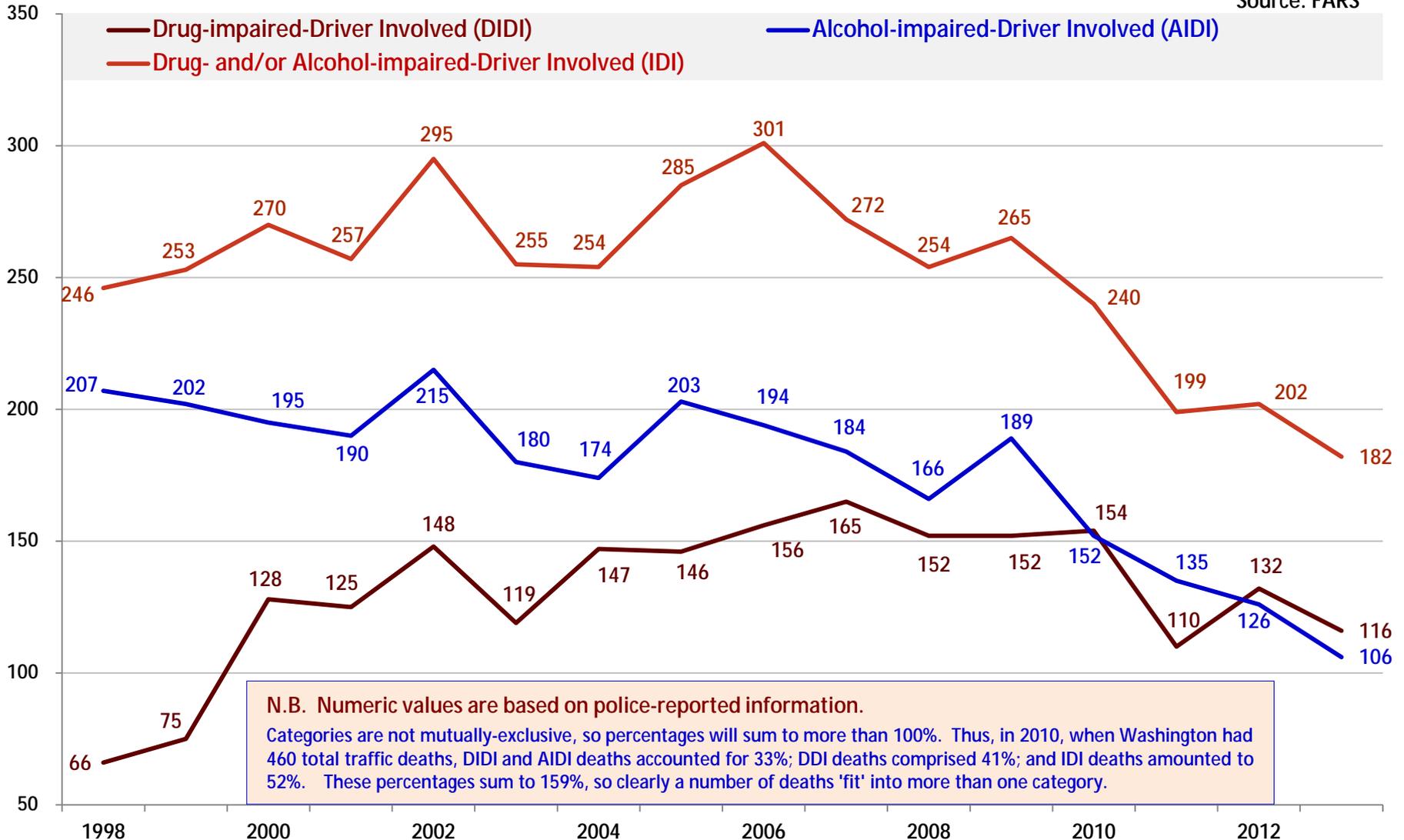


*IDI Deaths include all traffic deaths involving at least one driver with a BAC of .08 or above and/or a positive toxicology test for a potentially-impairing drug. 2013 figures based on preliminary data.

Washington Drug/Alcohol-Involved Driving Deaths, 1998-2013*

By Year and Substance Involvement, *2013 figures based on preliminary data

Source: FARS



N.B. Numeric values are based on police-reported information.

Categories are not mutually-exclusive, so percentages will sum to more than 100%. Thus, in 2010, when Washington had 460 total traffic deaths, DIDI and AIDI deaths accounted for 33%; DDI deaths comprised 41%; and IDI deaths amounted to 52%. These percentages sum to 159%, so clearly a number of deaths 'fit' into more than one category.

Definitions IDI: At least one driver (in the crash) had either a BAC of .08 or above, or a positive test for impairing drugs; DDI: At least one driver had either a positive BAC test or was reported by police as 'Had Been Drinking'; AIDI: At least one driver had a BAC of .08 or above; DIDI: At least one driver tested positive for impairing drugs.

National Roadside Survey

- Weekend Nighttime Drivers Testing Positive for Alcohol by Year

BAC	Percentage by Year			
	1973	1986	1996	2007
No Alcohol	64%	74%	83%	87%
Positive for Alcohol	36%	26%	16%	12%
Under 21 Alcohol	5.5%	3%	1.3%	0.9%

Source: 2007 National Roadside Survey of Alcohol and Drug Use by Drivers: Alcohol Results, US Department of Transportation, National Highway Traffic Safety Administration, 2009. ([Roadside Survey Link](#))

National Roadside Survey

- Weekend Nighttime Drivers Testing Positive for Drugs, by Drug Category

Drug Category	Percentage
Illegal	11%
Medications	4%
Illegal and Medications	1%
Total	16%

Source: 2007 National Roadside Survey of Alcohol and Drug Use by Drivers: Drug Results, US Department of Transportation, National Highway Traffic Safety Administration, 2009.

PIRE Survey in WA

- **Densely populated (2)** areas (King, Snohomish, Pierce, Spokane)
- **Moderately populated (2)** areas (Yakima, Olympia, Moses Lake, Vancouver)
- **Low population areas (2)** (Hood Canal, Whidbey Island, Clallam County)
- **6 locations in each area**
- **150 participants at each site**
- **900 participants total**
- **Two waves (Spring, Fall)**



Survey Procedure

- Drivers who consent directed into the site
- Process explained
- Passive Alcohol Sensor
- Breath test
- Tablet survey of AOD [\$5]
- Oral fluid collection [\$10]
- Blood sample collection [\$50]



Impaired Driver Protocol

Procedure for impaired drivers:

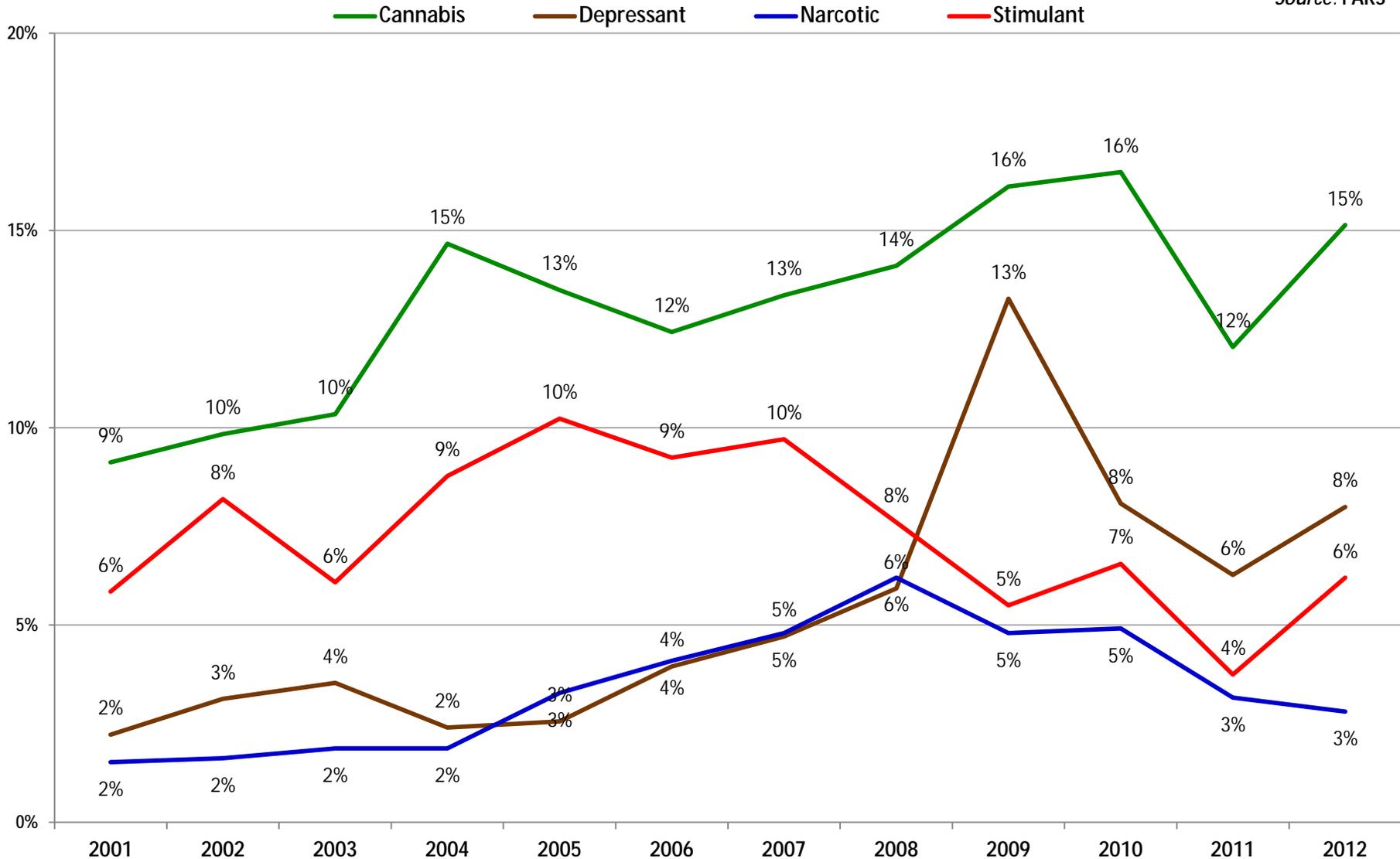
- Survey Manager explains concern to driver and requests a breath test.
- BAC = .05 or higher, alternative offered (at no cost to subject):
 - Switch with sober passenger
 - Call family or friend
 - Driver and vehicle driven to destination (tow truck)
 - Taxi ride home
 - Hotel room for non-local drivers

Driver Drug Involvement in Washington Fatal Crashes, 2002-2012*

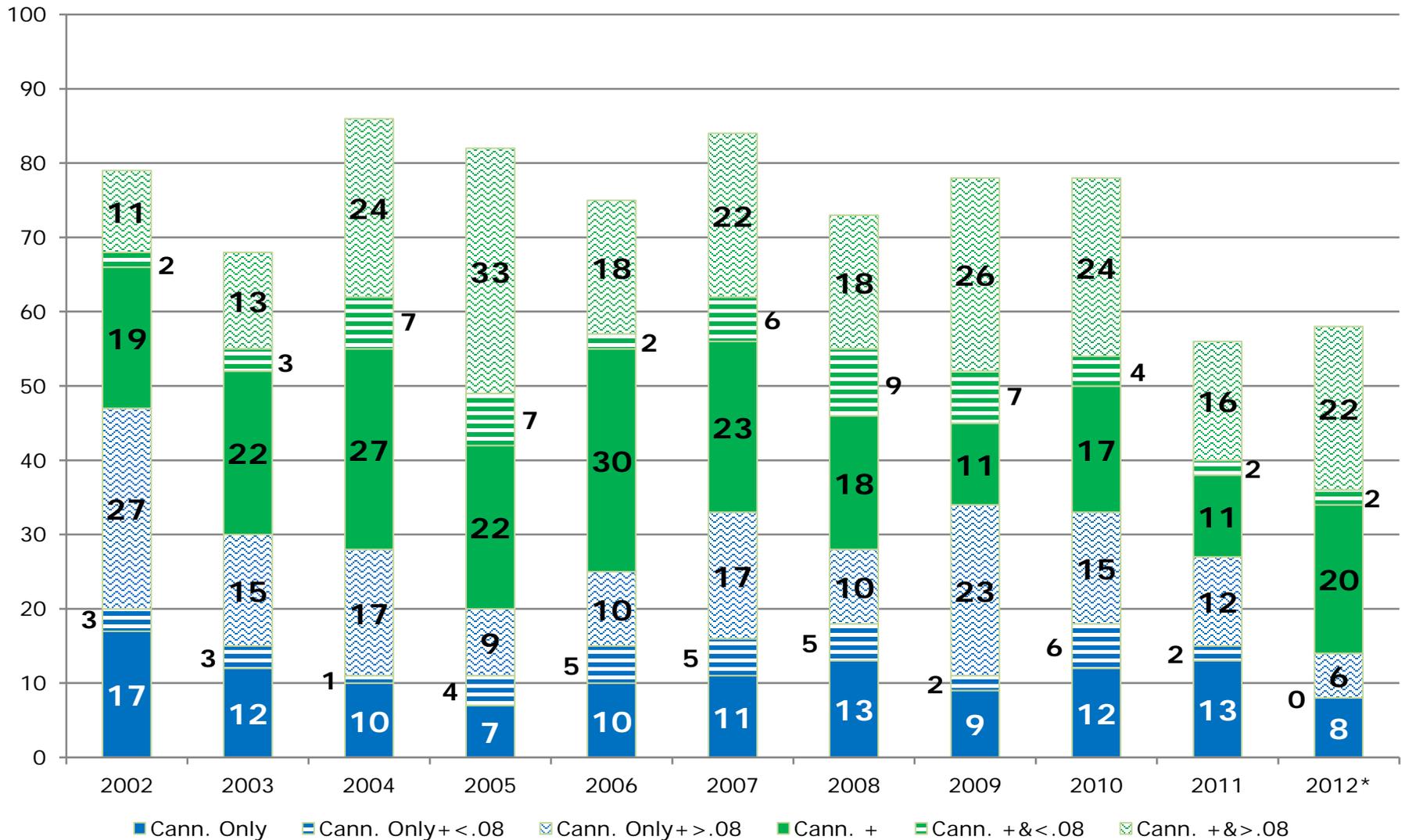
By Top Five Categories and Year, Percent of ALL Drivers in Fatal Crashes

**2012 figures based on preliminary data as of 8/22/13*

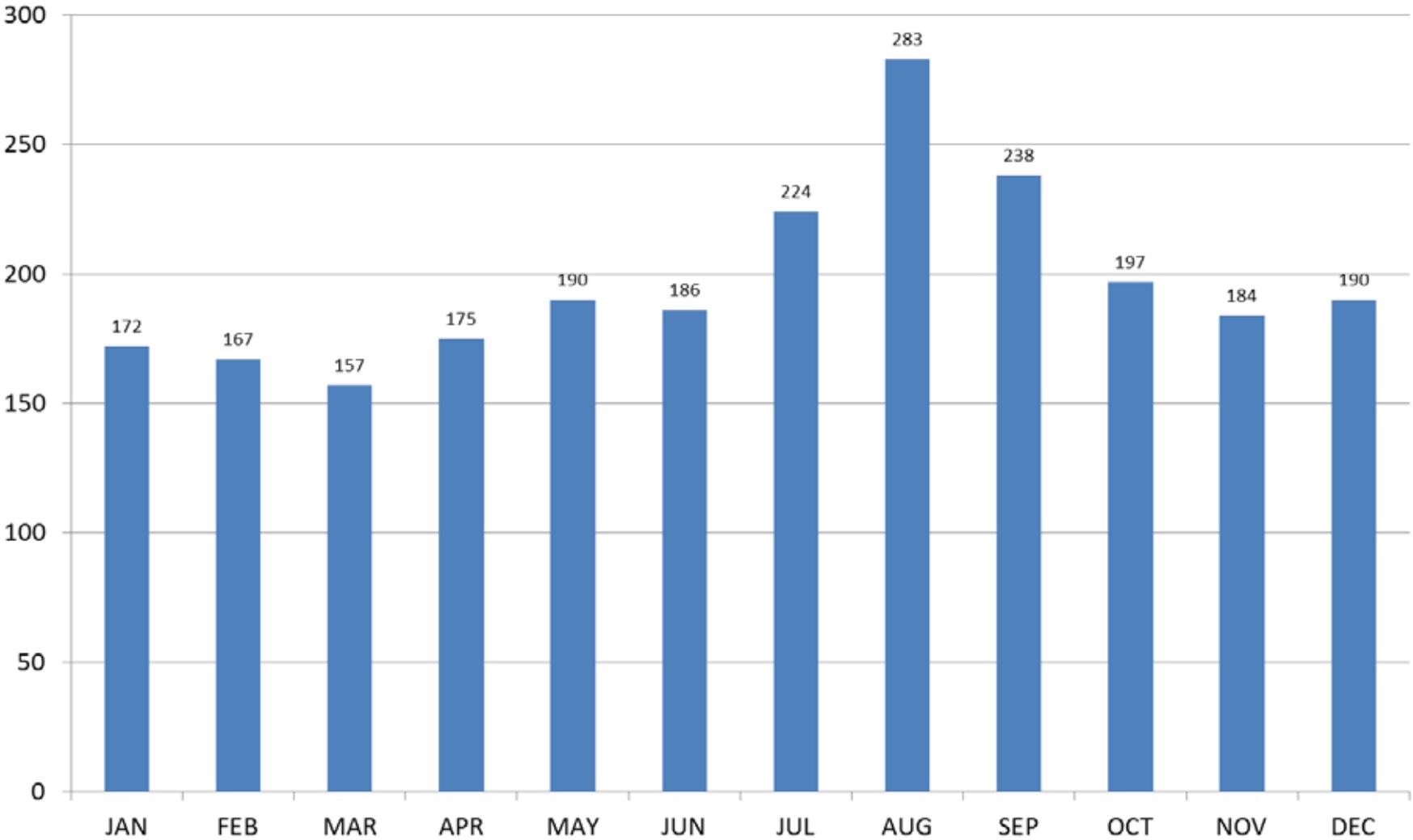
Source: FARS



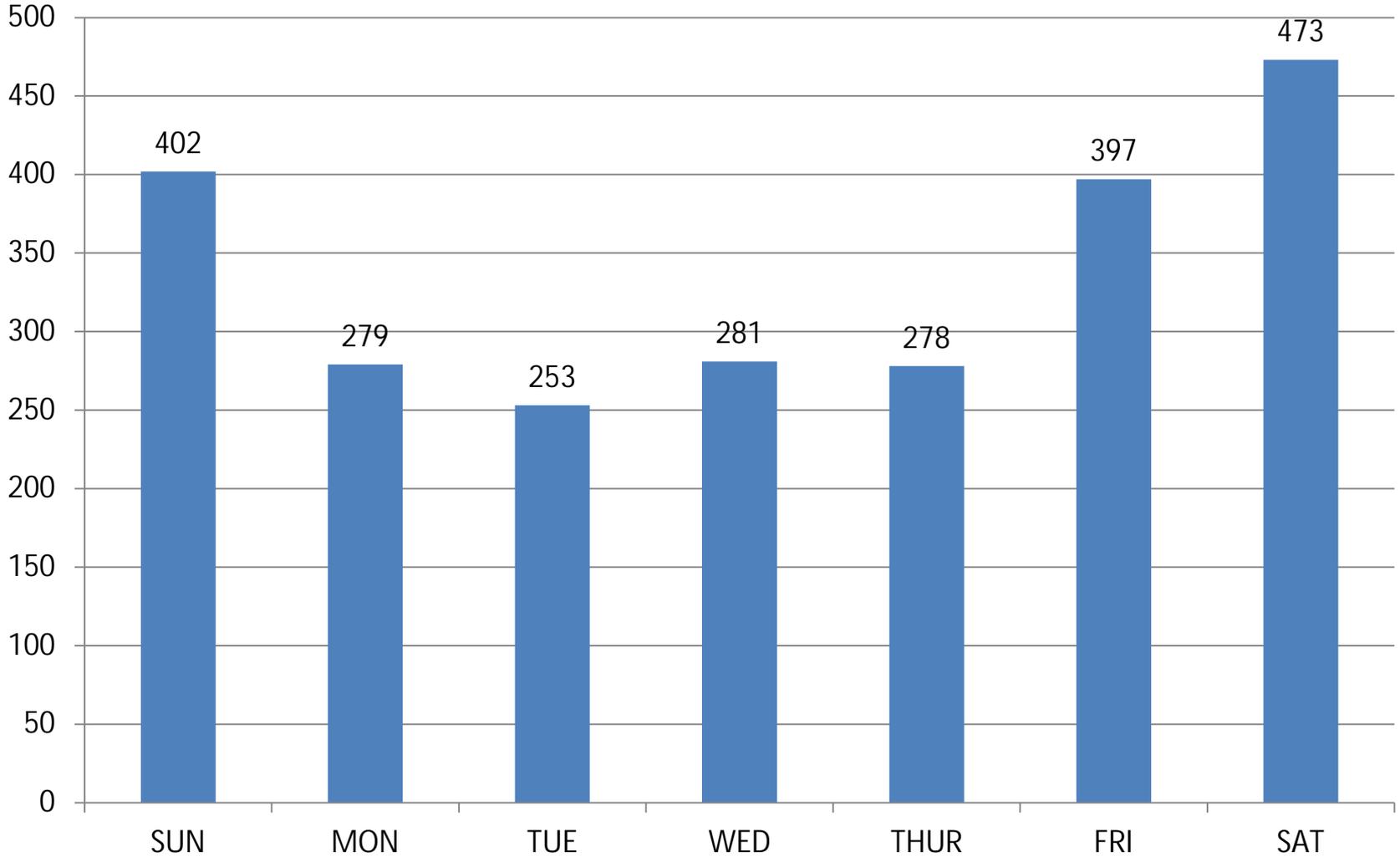
Number of Cannabinoid-Positive Drivers Involved in Fatal Collisions, Involvement of Other Drugs and Alcohol, 2002-2012*



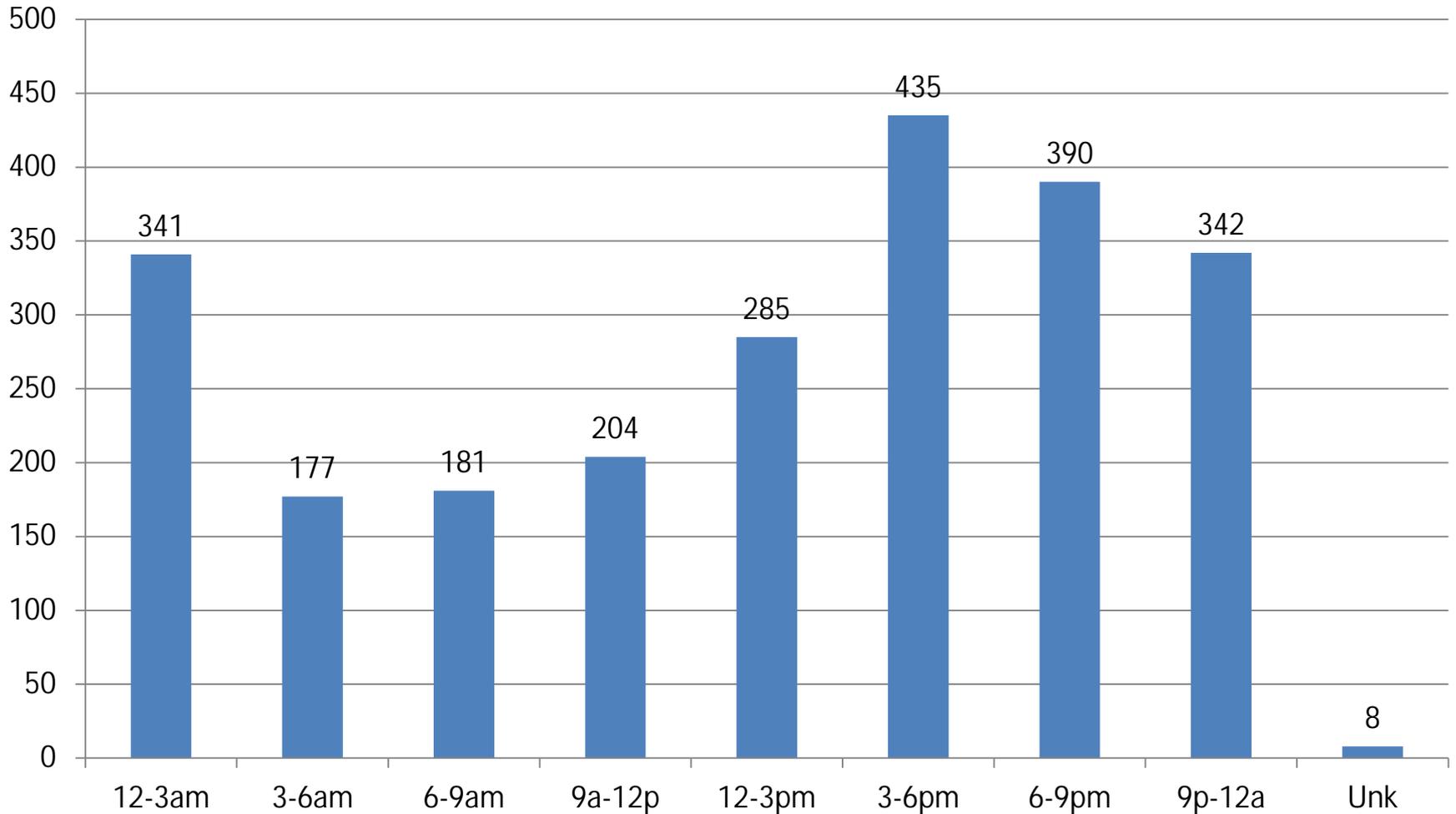
Impaired Driving-Involved Deaths by Month of Crash, 2008 - 2012



Impaired Driving-Involved Deaths by Day of Crash 2008 - 2012

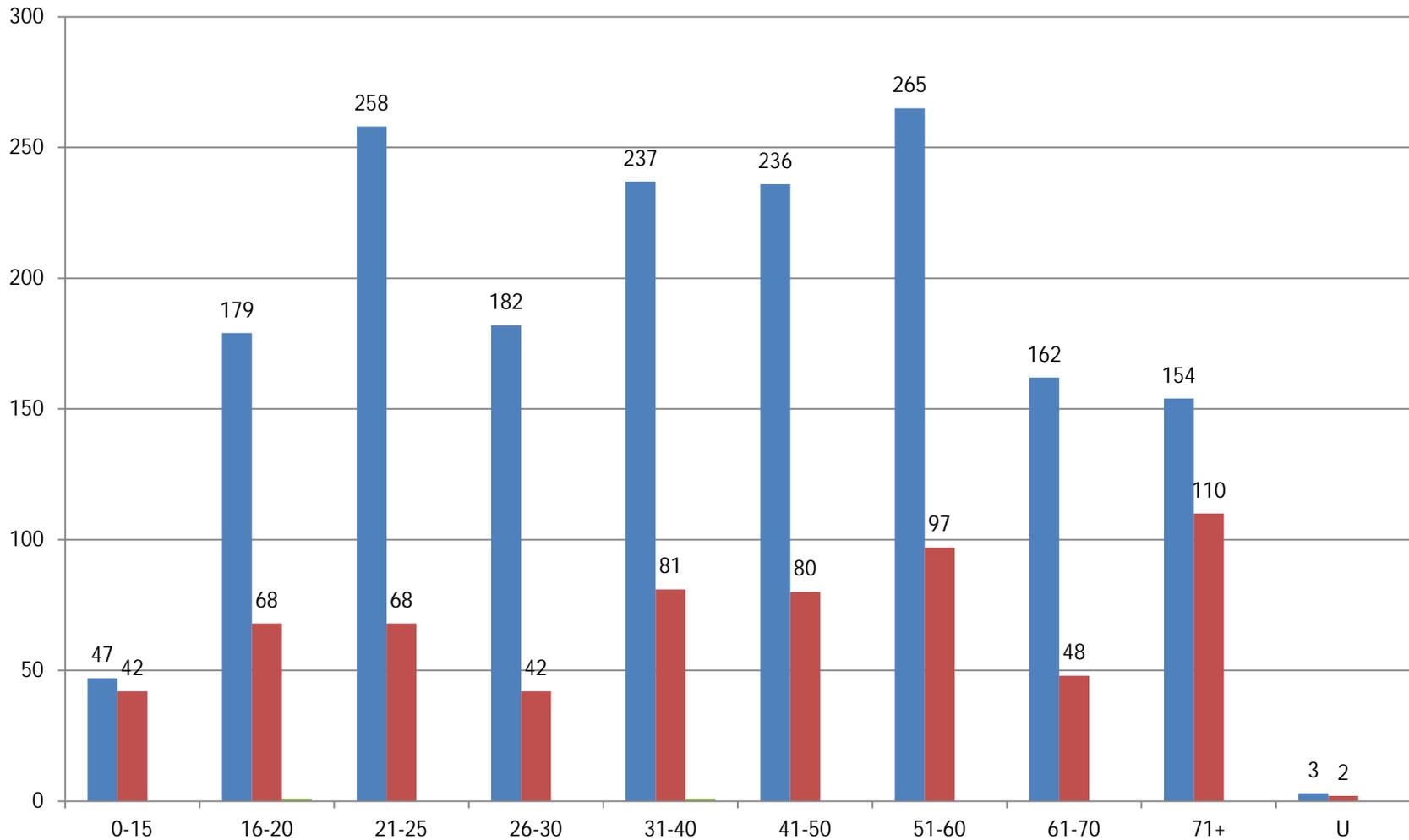


Impaired Driving-Involved Deaths by Time of Crash, 2008 - 2012

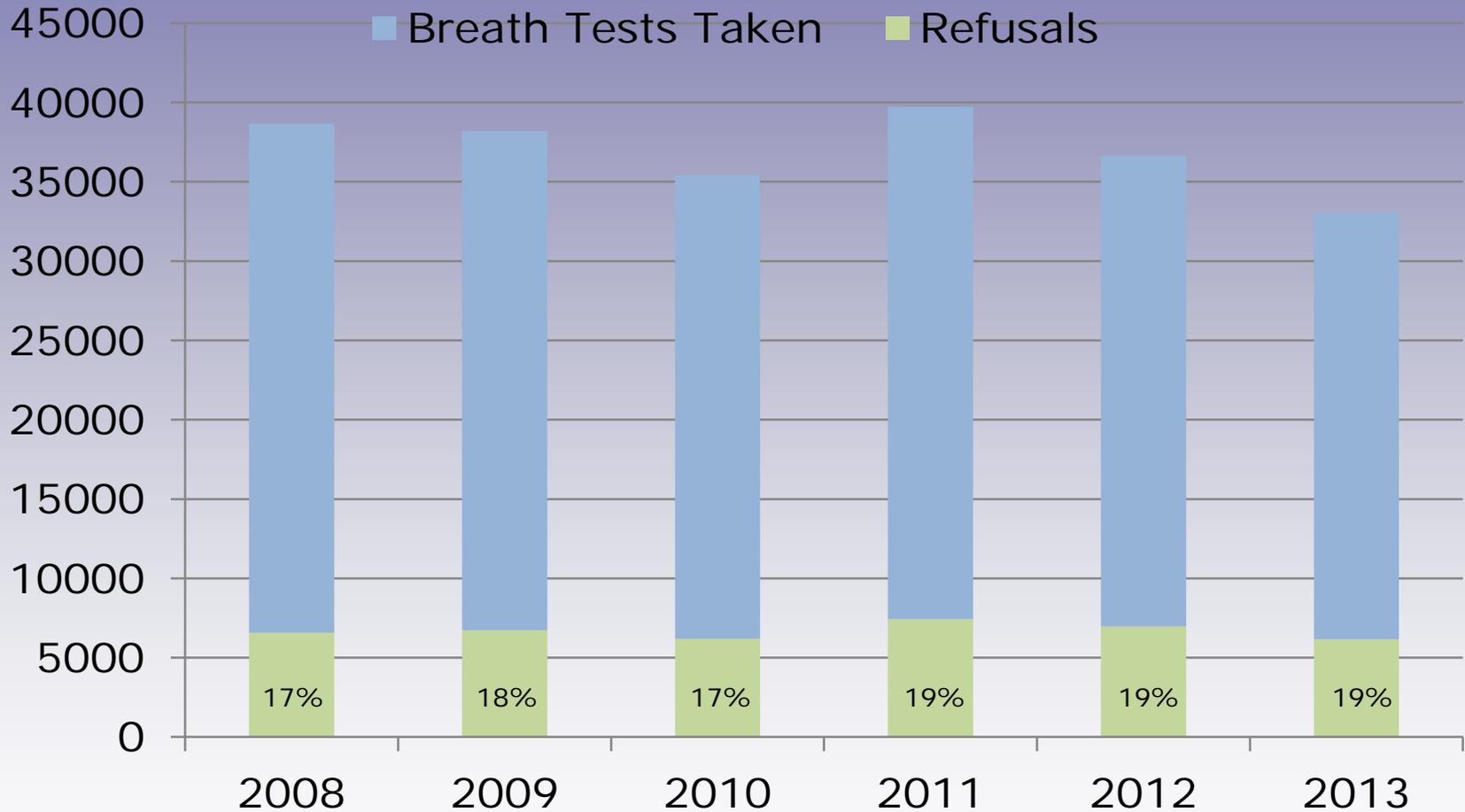


Impaired Driving-Involved Deaths by Age & Sex, 2008 - 2012

■ Males ■ Females ■ Unk



BAC Tests– Taken and Refused



Links

Cannabis / Marijuana Fact Sheet

<http://www.nhtsa.gov/people/injury/research/job185drugs/cannabis.htm>

WTSC "What's Your Goal?" Video

<http://www.youtube.com/watch?v=zaT6d1pwBEE>

Colorado "Drive High Get a DUI" PSAs

<https://www.interdubs.com/r/cosmola/index.php?al=2NeAiC&an=hB0RA8&e=&itx=1395938307&icx=&ick=e25d9ab0b7326d3ccaf661da150bfcd6>



More information

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