
Alcohol-Impaired Driving Fatalities

Based on
The Fatality Analysis Reporting System (FARS)

SAE Meeting
February 6, 2009

Agenda

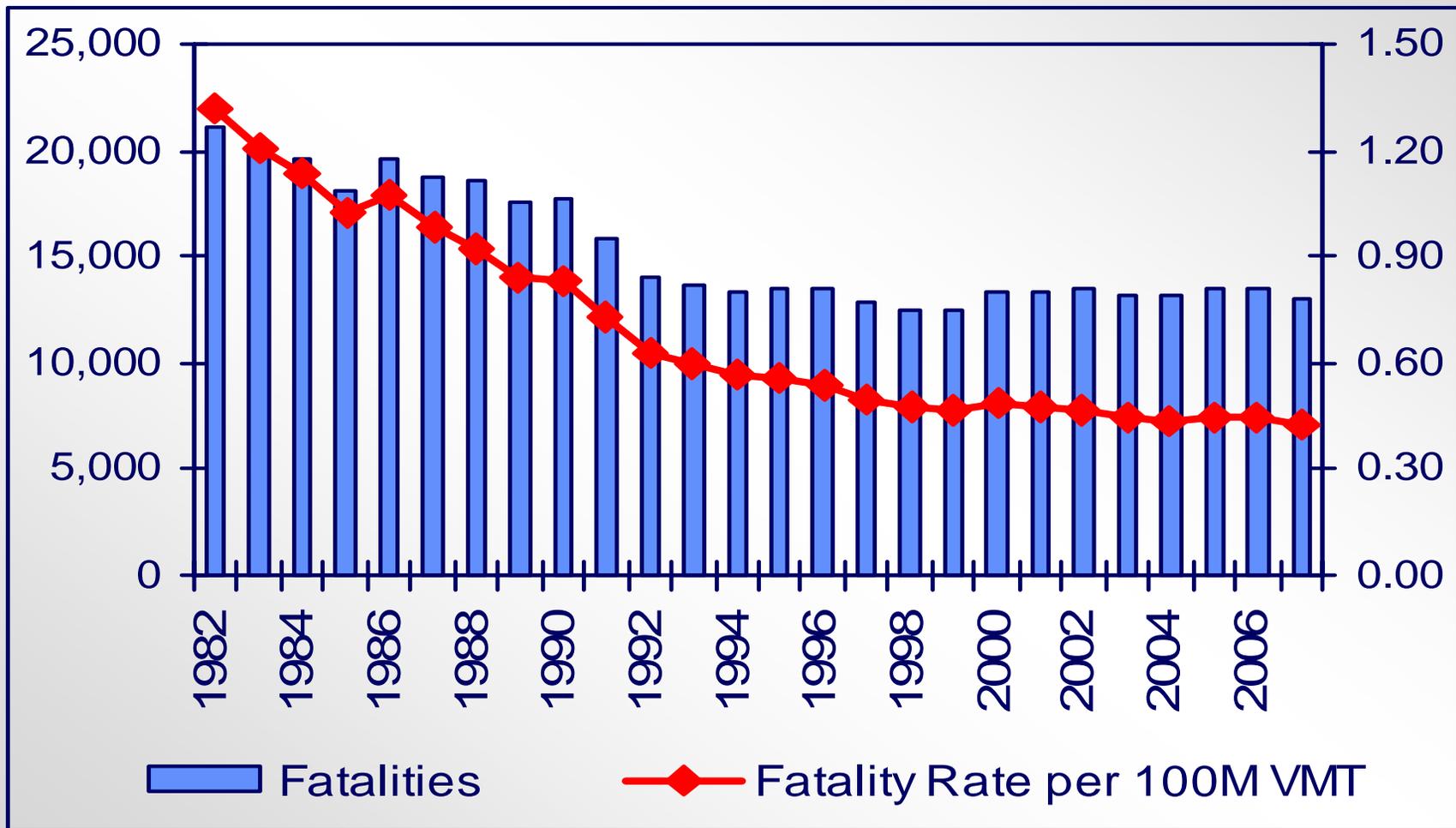
- **2007 National Overview**
- **State Overview**
- **Months, Holiday Periods**
- **Repeat Offenders**
- **Restraint Use, Speeding and Impaired Driving**

Overall Summary

<i>2007 Annual Assessment</i>	<i>Year</i>		<i>Change</i>	<i>% Change</i>
	<i>2006</i>	<i>2007</i>		
Total	42,708	41,059	-1,649	-3.9%
In alcohol-impaired driving crashes	13,491	12,998	-493	-3.7%
% of Total	31.6%	31.7%		
Rate (per 100M VMT)	0.45	0.43		

Sources: FARS

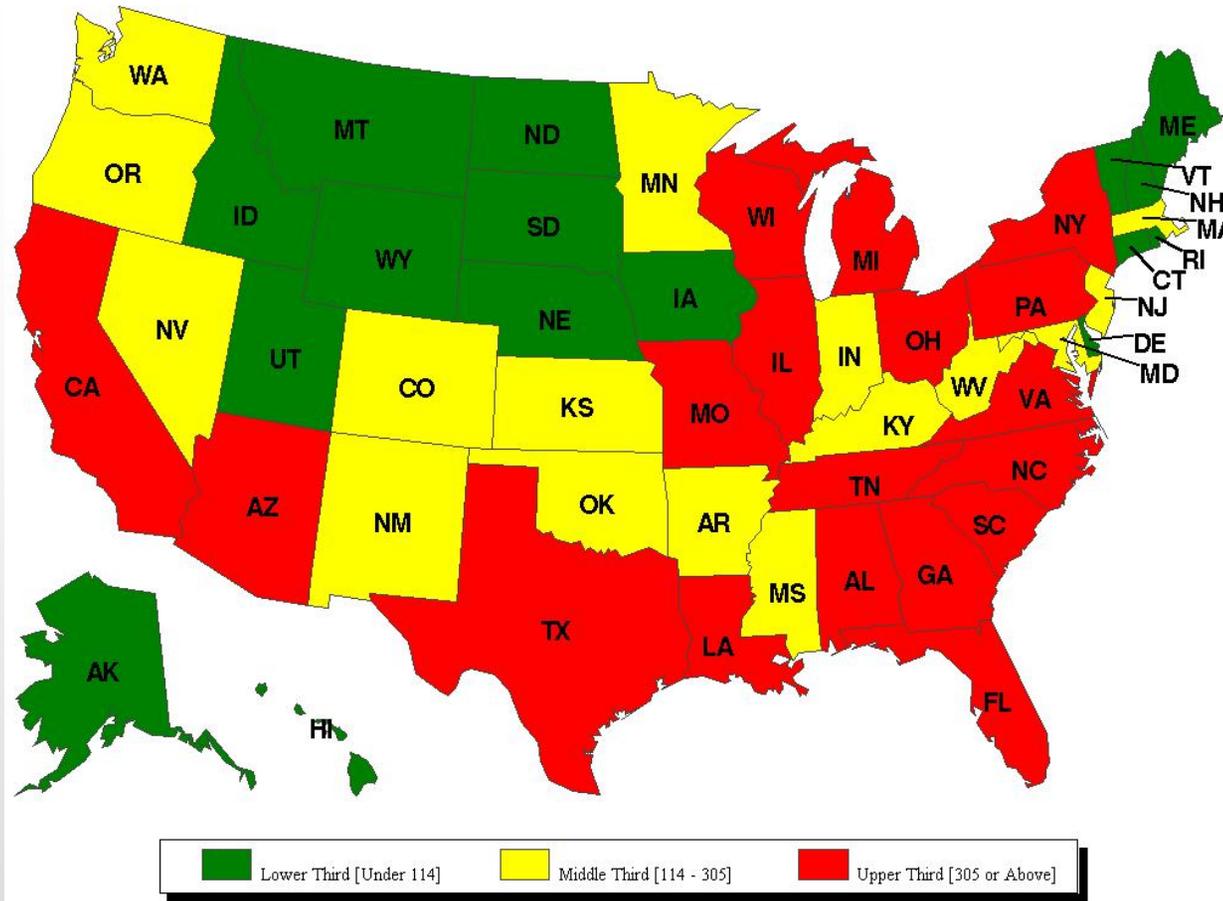
Alcohol-Impaired Driving Fatalities and Fatality Rate



Alcohol-Impaired Driving Fatalities by State

- **Thirty-two states had declines** in alcohol-impaired driving fatalities
- **States with 40 or more decline**
 - California: -117 (-9.2%)
 - Texas: -108 (-7.7%)
 - Arizona: -63 (-15.8%)
 - New York: -49 (-11.3%)
 - Missouri: -48 (-12.4%)
- **States with 40 or more increase**
 - North Carolina: +66 (+15.9%)
 - South Carolina: +44 (+10.5%)

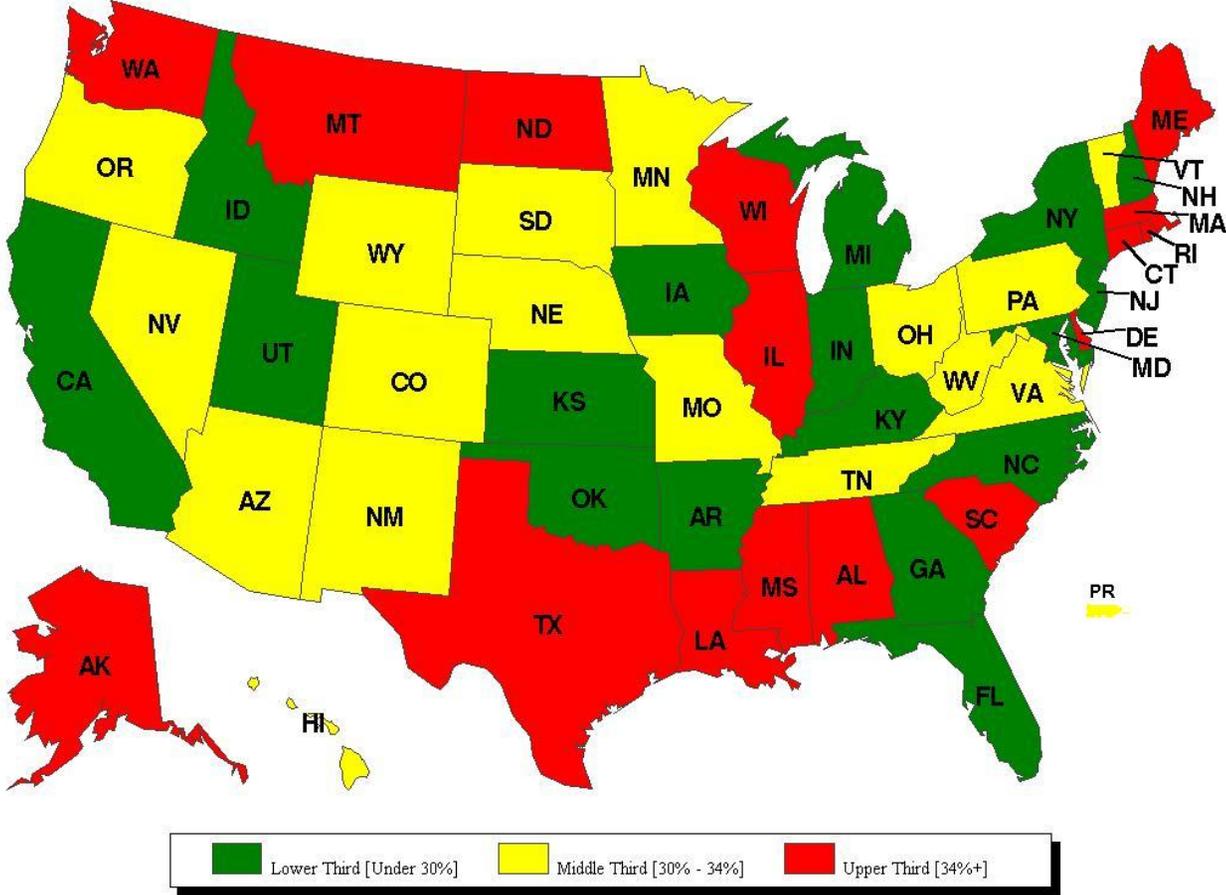
Alcohol-Impaired Driving Fatalities



Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

Alcohol-Impaired Driving Fatalities as a Percent of Total

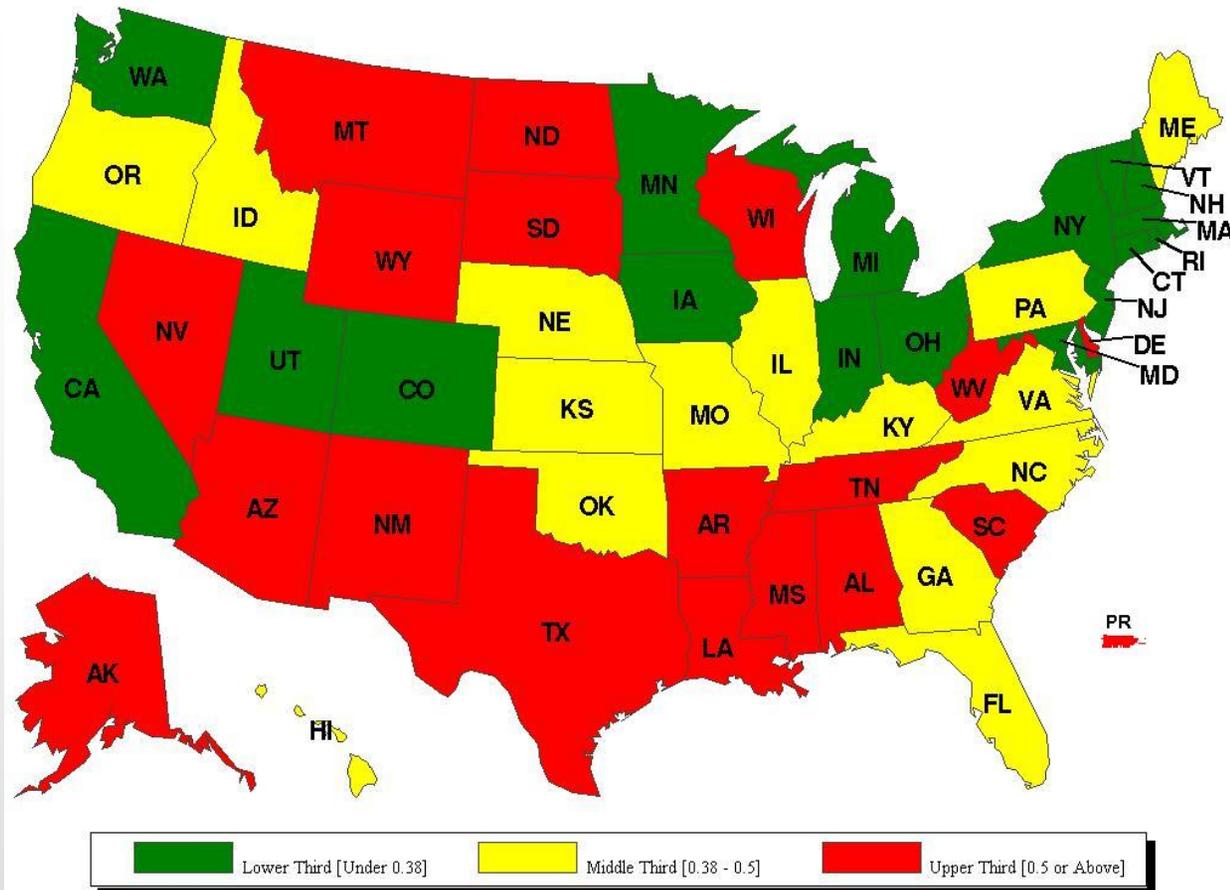
U.S. Percent=32%



Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

Alcohol-Impaired Driving Fatality Rate

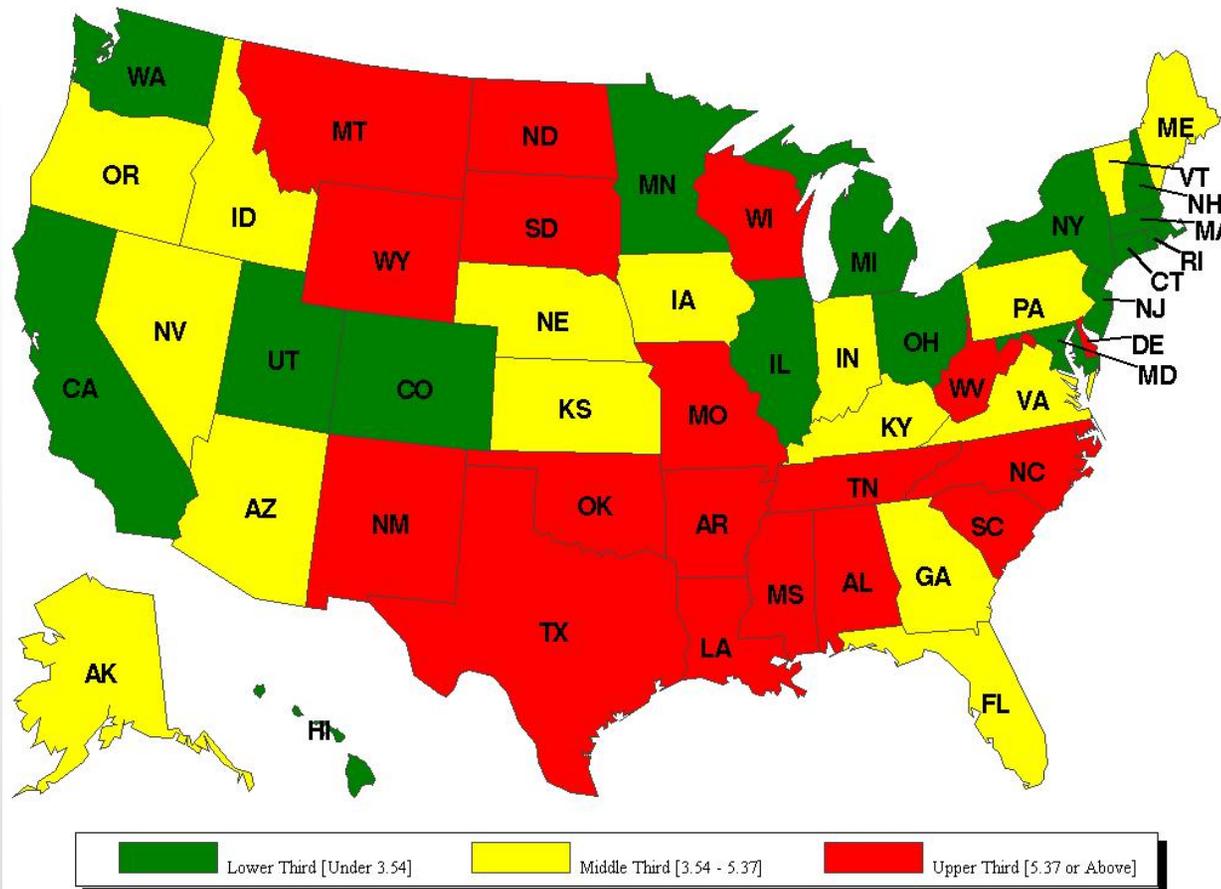
U.S. Rate=0.43



Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

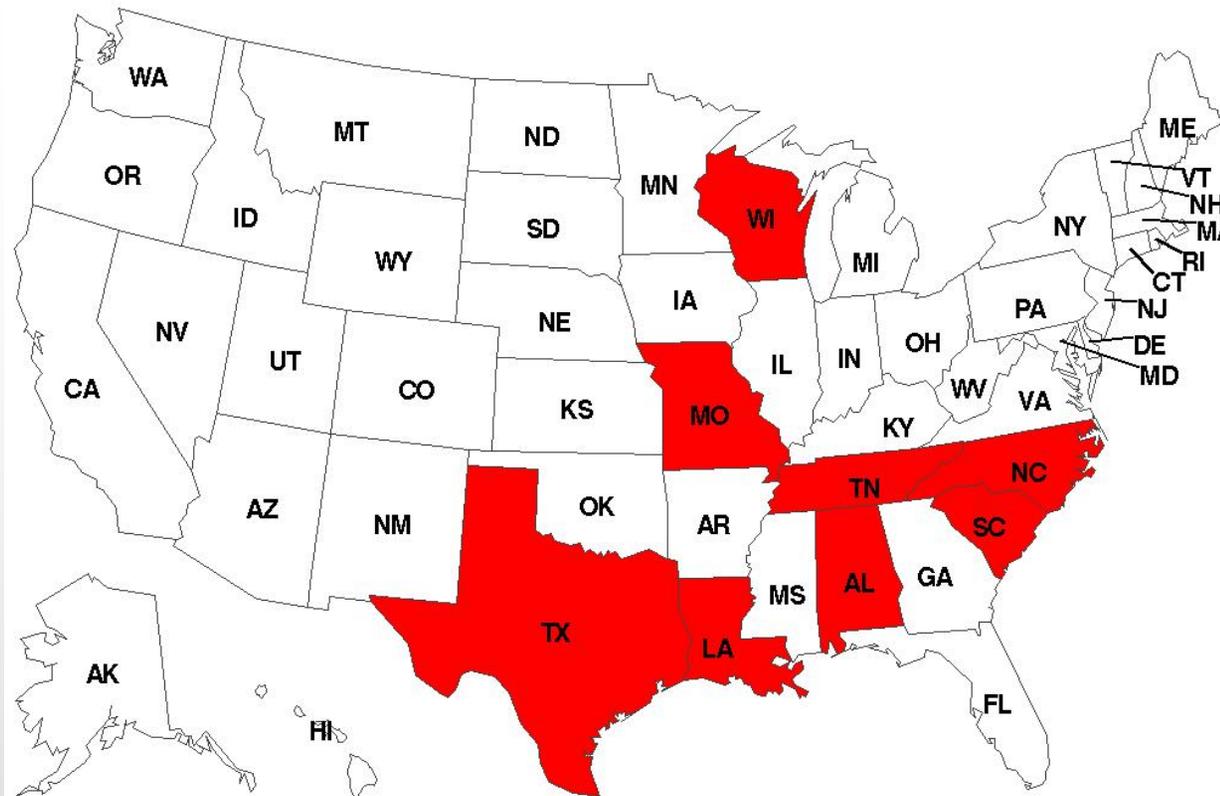
Alcohol-Impaired Driving Fatalities per 100k Population

U.S. Rate=4.31



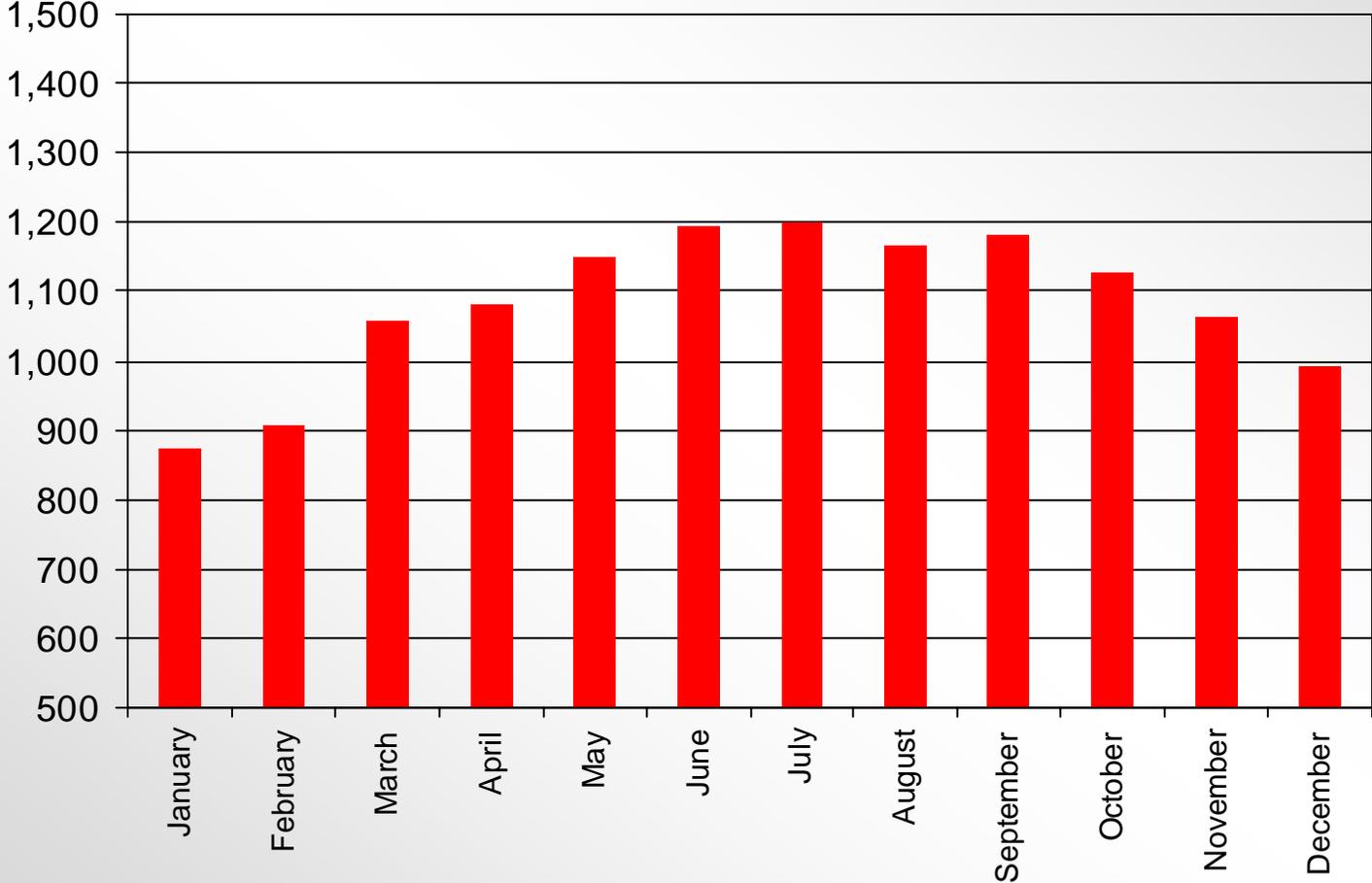
Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

States where Both the Number and Rate per 100k Population are in the upper third

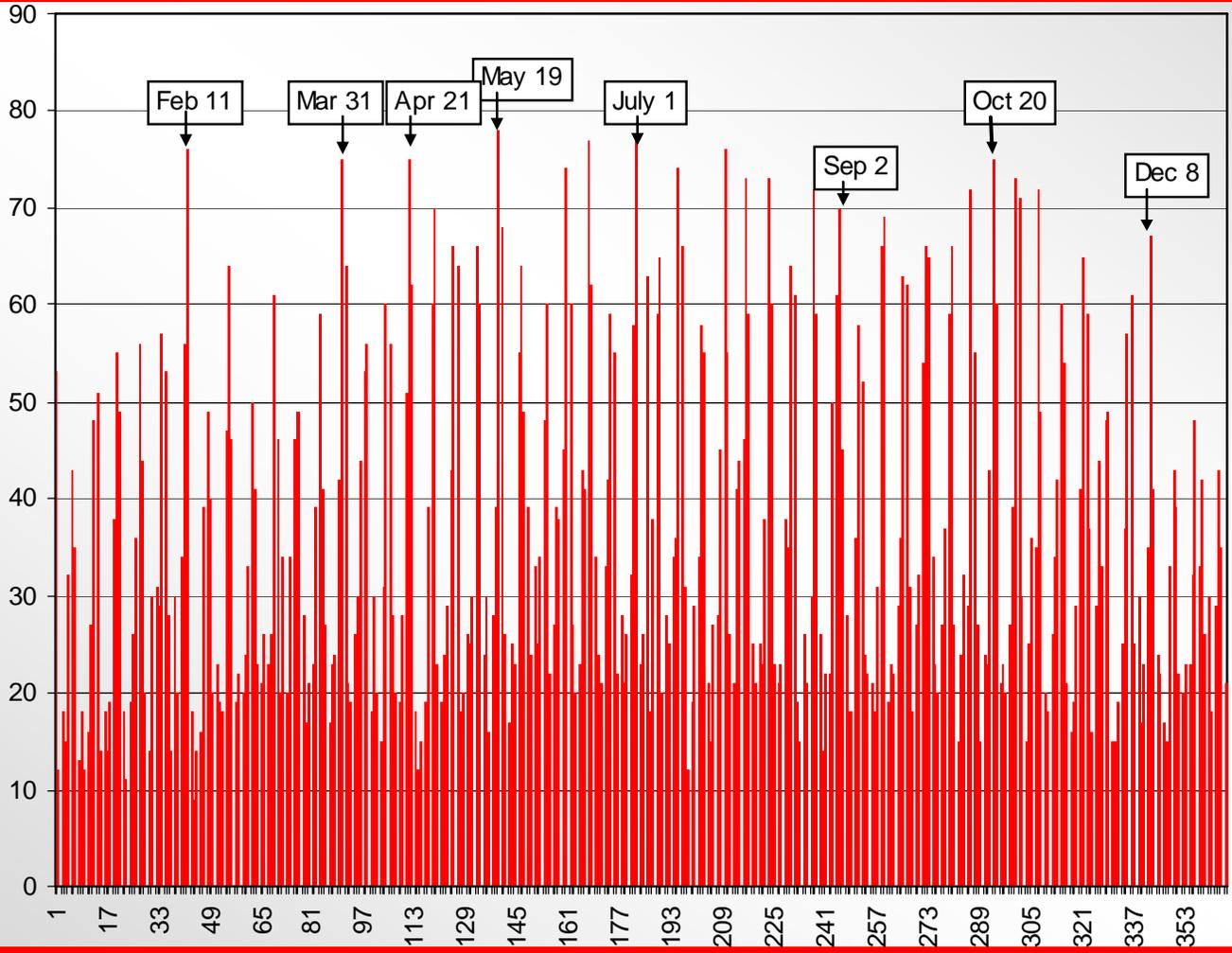


Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

Alcohol-Impaired Driving Fatalities by Month

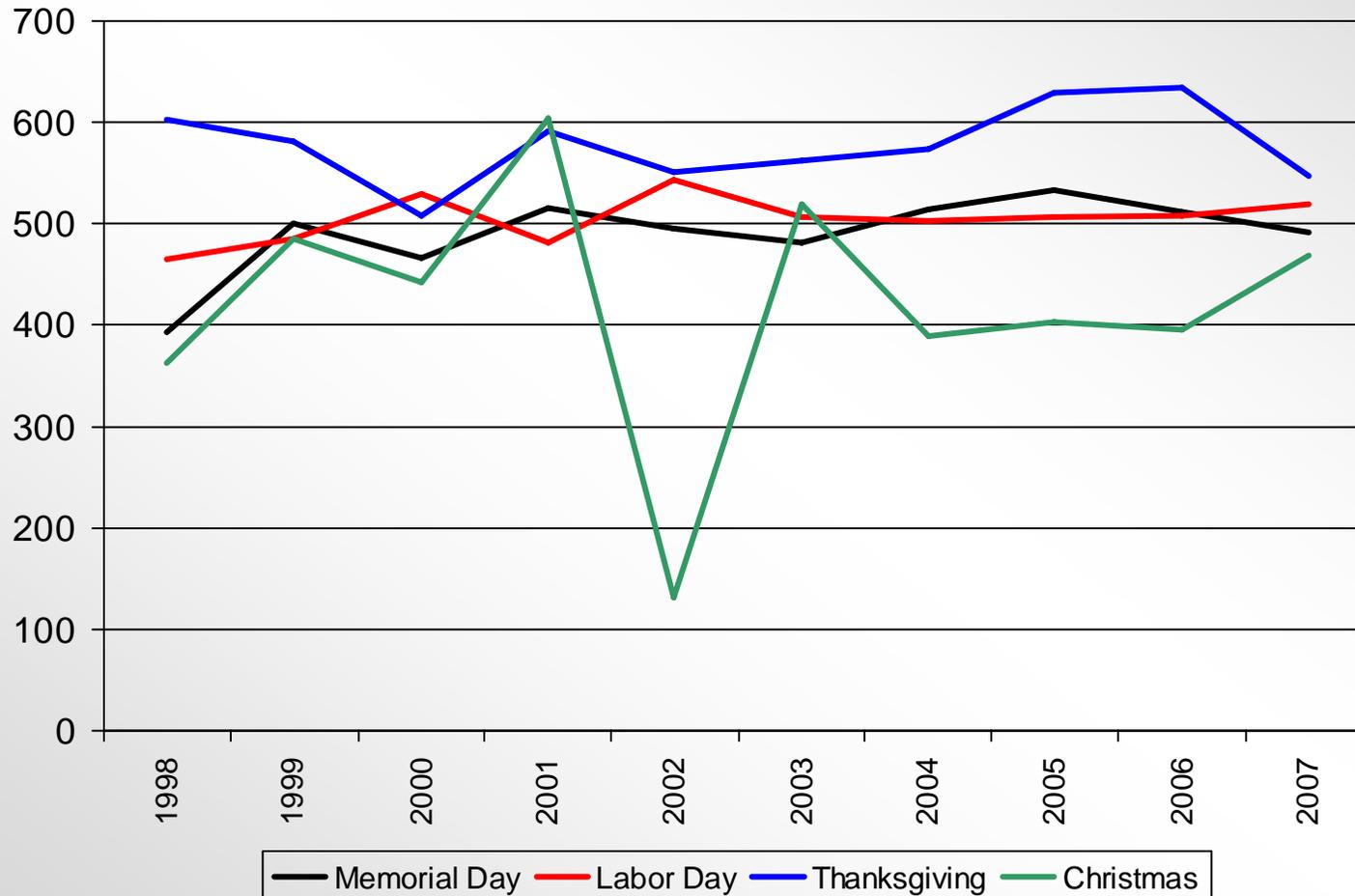


Alcohol-Impaired Driving Fatalities by Day



Alcohol-Impaired Driving Fatalities by Holiday Period

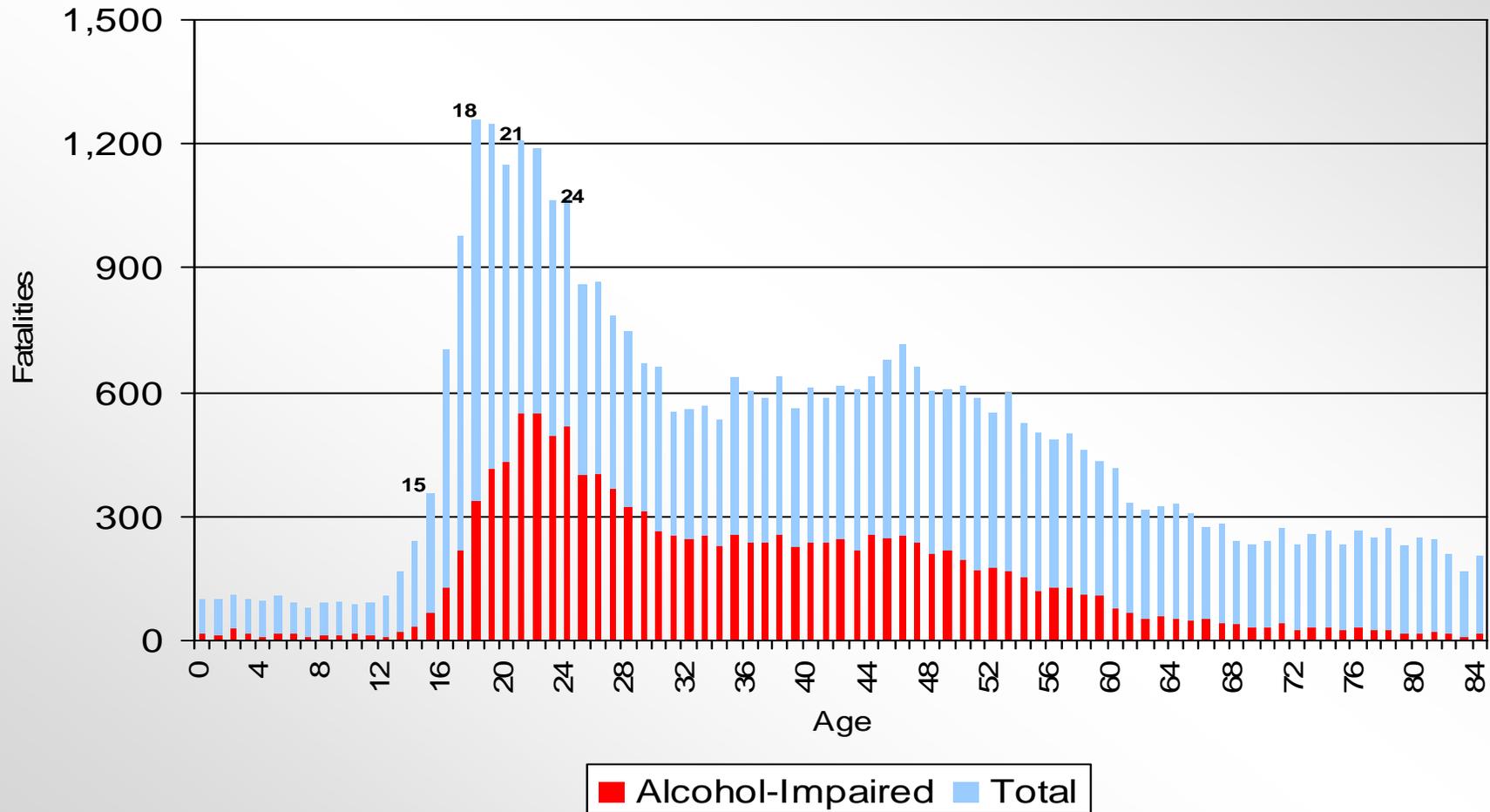
Note: Number of Days during Christmas Holiday Period varies from 1 to 4.



Fatalities by Age

- Alcohol-Impaired Driving Fatalities **declined** in almost all of the age groups
 - Fatalities among Under 16 year olds **declined** by 17%
 - Fatalities among 45-64 year olds increased by about 3%
- Persons 34 and younger accounted for about 54% of all alcohol-impaired driving fatalities
 - Account for 45% of all fatalities

Total and Alcohol-Impaired Driving Fatalities by Age



Fatalities by Role and Impairment Status

- Alcohol-Impaired Drivers and their passengers accounted for about 83% of all alcohol-impaired driving fatalities
- 17% were occupants of other vehicles or non-occupants
- Alcohol-impaired motorcycle rider fatalities **increased** by about 12.5%

Alcohol-Impaired Drivers by Prior DWI Convictions

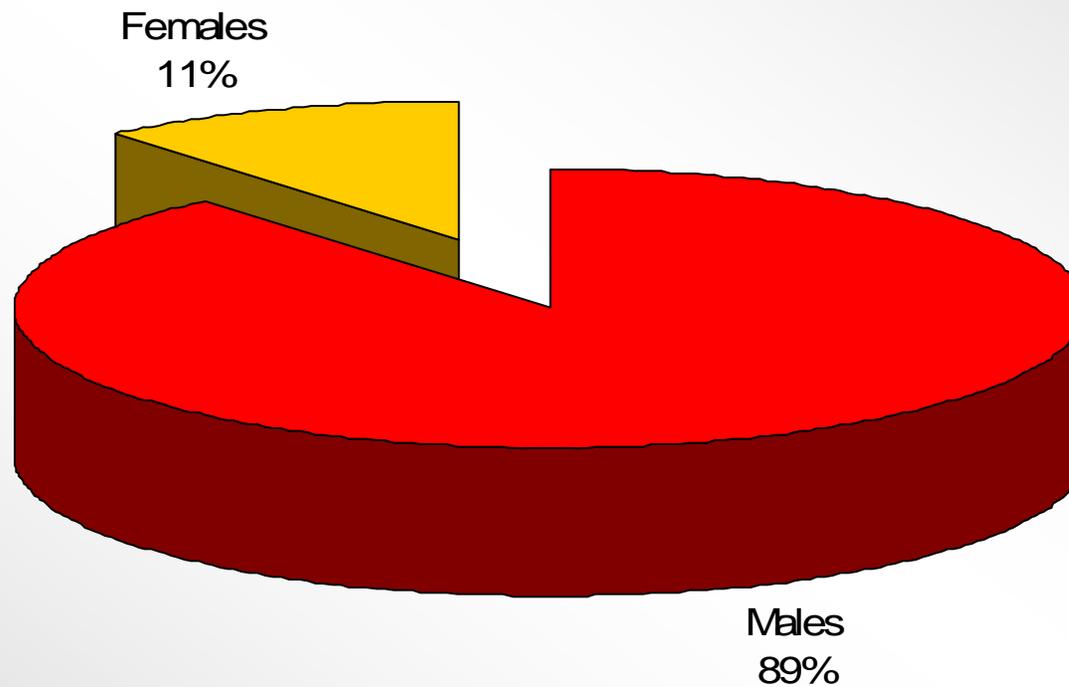
92 percent of alcohol-impaired drivers did not have a prior DWI conviction within the last 3 years

Virtually all progress was among 1st time offenders

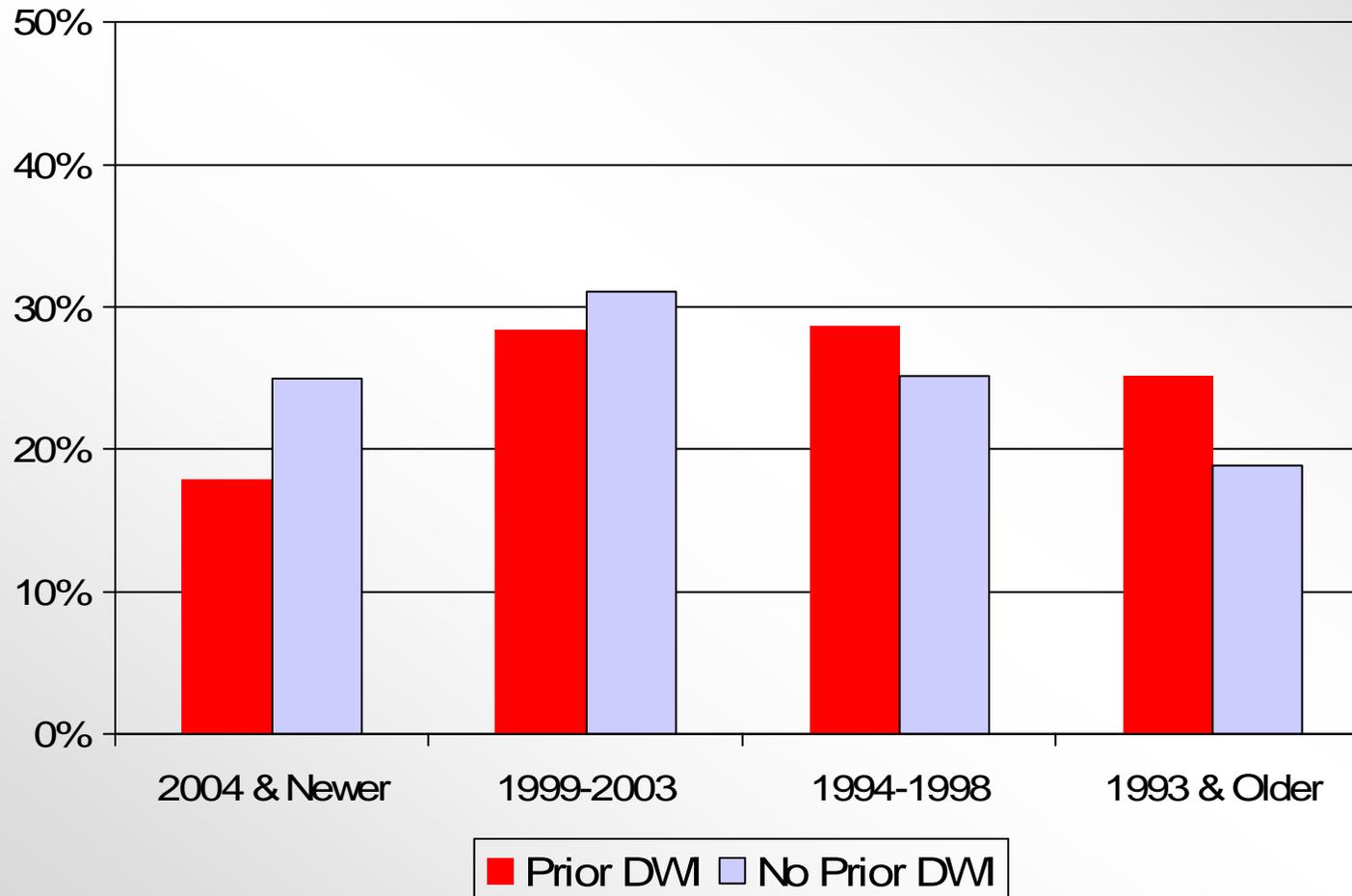
<i>Alcohol-Impaired Drivers, By Prior DWI Convictions*</i>				
<i>Prior DWIs</i>	<i>2006</i>	<i>2007</i>	<i>Change</i>	<i>% Change</i>
Alcohol-Impaired	12,551 [100%]	12,068 [100%]	-483	-3.8%
1 or more	912 [7%]	911 [8%]	-1	-0.1%
None	11,639 [93%]	11,157 [92%]	-482	-4.1%

*FARS records DWI convictions within last 3 years from the date of the crash
 Source: FARS 2006 [Final], 2007 Annual Report File [ARF]

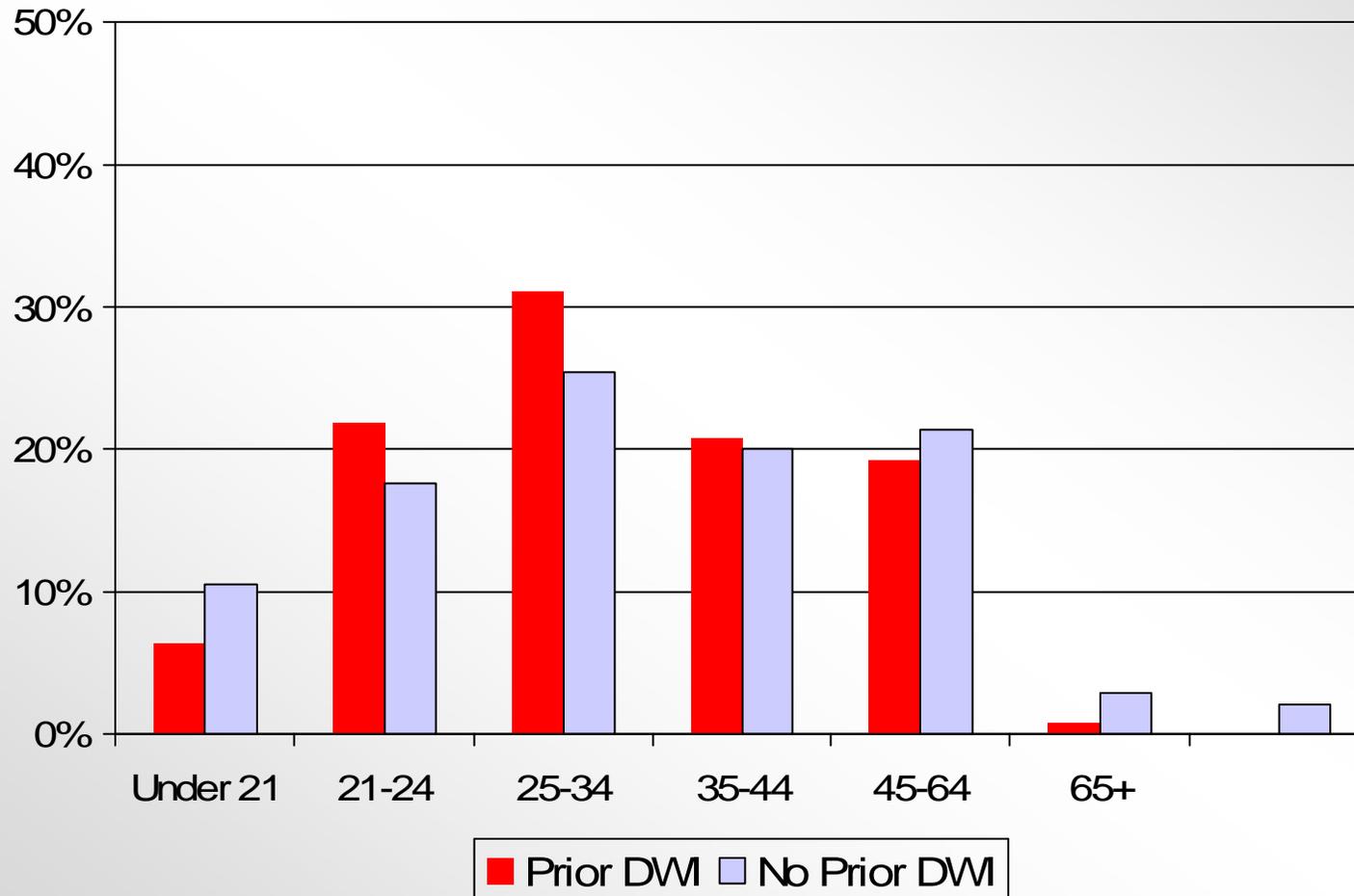
Repeat Offenders by Gender



Repeat Offenders by Vehicle Model Year



Repeat Offenders by Age

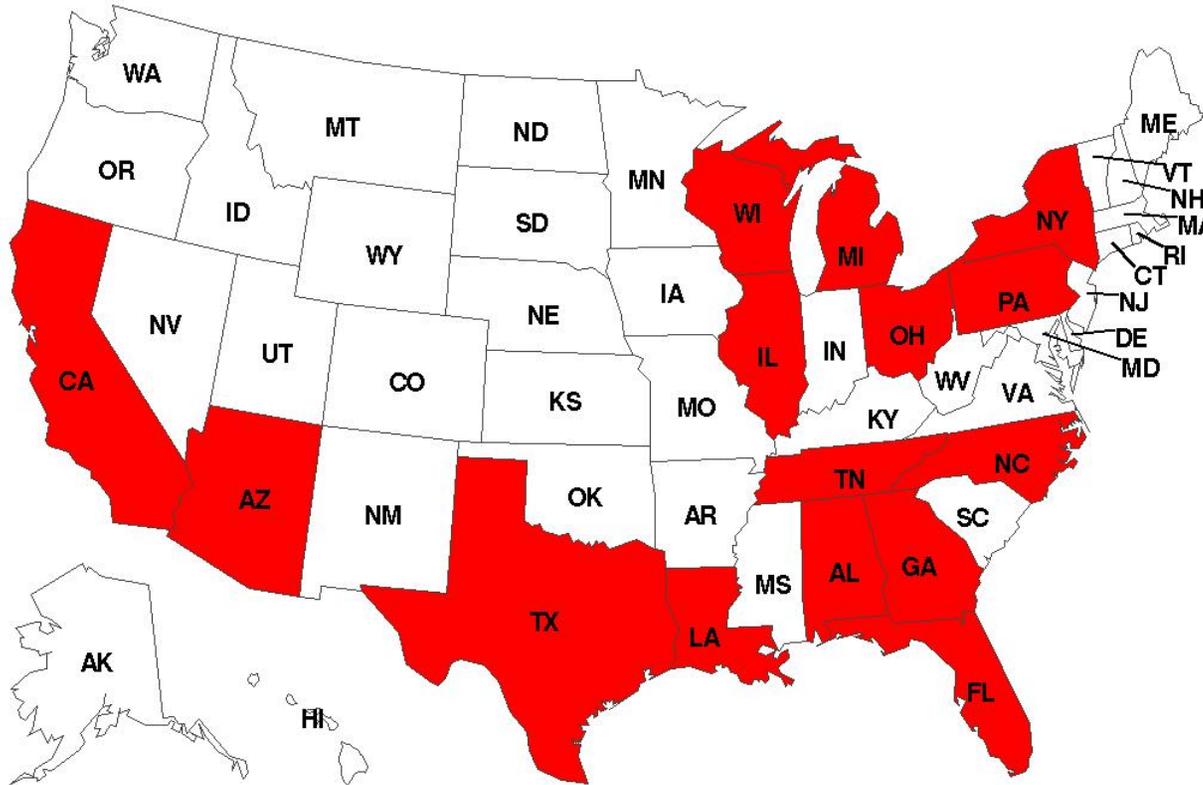


Alcohol-Impaired Drivers by Belt Use and Speeding

	Unbelted	Belted	Total
Speeding	27%	13%	40%
Not Speeding	35%	25%	60%
Total	62%	38%	100%

Under 21 fatalities in crashes involving at least one U21 Driver/Mc. Op or Non-Occupant with BAC=.01+: States where 60% of fatalities nationwide occur

U.S. Total=1,569



Source: National Center for Statistics and Analysis, 2007 FARS Annual Report File

Questions?