



# 2000 Annual Assessment

## Revised

National Center for Statistics & Analysis



### *Motor Vehicle Traffic Crash Fatality and Injury Estimates for 2000*

*Based on  
The Fatality Analysis Reporting System (FARS)  
and  
The National Automotive Sampling System  
General Estimates System (NASS GES)*

Data for 2000 vehicle miles of travel and registered motor vehicles have been updated. These updates affect the previously reported fatality and injury rates.



## *The 2000 Annual Assessment*

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**This report contains estimates for motor vehicle traffic crashes in 2000 and the resulting injuries and fatalities. They are compared to the 1999 Final Files. Data for 2000 from the Fatality Analysis Reporting System (FARS) will be superceded about June 2002 by the Final 2000 FARS File.**



# The 2000 Annual Assessment - Contents -

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# *Highlights*

## *2000*



## 2000 Data Show ...

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- **Fatality Rates remain at Historic Low**
- **Fatalities Declined among:**
  - Passenger Vehicle Occupants (-0.7%)
  - Pedestrians, Pedalcyclists and other Non-Occupants (-4.6%)



## 2000 Data Show ...

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### ➤ Fatalities Declined among:

Passenger Vehicle Occupants in Rollover Crashes	(- 2.6%)
Large Truck Crashes	(- 3.1%)
School bus related crashes	(-14%)



## 2000 Data Show ...

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- **Fatalities declined among**
  - Children ages 0-4 (-3.9%)
  - Children ages 5-15 (-4.6%)
- **Injuries declined among**
  - Children ages 5-15 (-12%)
- **For Young Drivers  
(ages 16-20)**
  - Fatal Crashes declined (-0.2%)
  - Fatalities in Crashes declined (-1.2%)



# 2000 Data Show ...

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## ➤ Fatalities increased in:

All crashes	(+0.2%)
Alcohol related crashes	(+4.2%)
Motorcycle crashes	(+15%)





# 2000 Data Show...

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- **Using Safety Belts save lives.**
  - In 2000, **72 percent** of belted passenger vehicle occupants (4 years of age and older) involved in a fatal crash survived compared to **43 percent** of unrestrained occupants.

**Previous NHTSA research has shown that driver or a passenger cuts his or her risk of dying in a crash almost in half by buckling up.**



## 2000 Data Show...

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- **Securing a child in an age appropriate safety seat could save the child's life.**
  - In 2000, of children under 1 year of age who were occupants of a passenger vehicle involved in a fatal crash, **78 percent** of those who were restrained in a child safety seat survived the crash compared to **49 percent** of those who were unrestrained.

**Previous NHTSA research has shown that placing your infant child in an age-appropriate child safety seat reduces the child's risk of dying in a motor vehicle crash by as much as two-thirds.**



## 2000 Data Show ...

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- **Driving sober matters.**

- ◆ In 2000, **42 percent** of crashes involving an alcohol impaired or intoxicated driver or non-occupant resulted in an involved person being killed or injured.

**Years of data have shown that crashes involving an alcohol impaired or intoxicated driver or non-occupant are about 50 percent more likely to result in an injury or fatality than crashes in which alcohol was not involved.**



## 2000 Data Show ...

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➤ In 2000, about **1,400** fatalities occurred in crashes involving an alcohol-impaired or intoxicated driver who had at least one previous DWI conviction

--- Accounting for about **8.5 percent** of all alcohol-related fatalities.



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# *2000 Statistics and Comparisons with 1999 Statistics*



# Persons Killed and Injured and Number of Crashes

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	Year		% Change
	1999	2000	
<b>Persons Killed</b>	<b>41,717</b>	<b>41,821</b>	<b>+0.2%</b>
<b>Persons Injured</b>	<b>3,236,000</b>	<b>3,189,000</b>	<b>-1.5%</b>
<b>Fatal Crashes</b>	<b>37,140</b>	<b>37,409</b>	<b>+0.7%</b>
<b>Nonfatal Crashes</b>	<b>6,242,000</b>	<b>6,356,000</b>	<b>+1.8%</b>
<b>Injury Crashes</b>	<b>2,054,000</b>	<b>2,070,000</b>	<b>+0.8%</b>
<b>Property-Damage-Only</b>	<b>4,188,000</b>	<b>4,286,000</b>	<b>+2.3%</b>

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

Sources: FARS, NASS GES



# Exposure Data

National Center for Statistics & Analysis



Exposure Measure	Year		% Change
	1999	2000	
<b>Vehicle Miles Traveled</b>	<b>2,691,056M</b>	<b>2,749,803M*</b>	<b>+2.2%*</b>
<b>Registered Vehicles</b>	<b>212,685,000</b>	<b>217,028,000*</b>	<b>+2.0%*</b>
<b>Population</b>	<b>272,690,813</b>	<b>274,633,905</b>	<b>+0.7%</b>

\*Revised Based on Registration and VMT data for 2000 available November 2000

Sources: FHWA, and Census Bureau



# Fatality and Injury Rates

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Rate		Year		% Change
		1999	2000	
<b>Persons Killed</b>	/100M VMT	1.6	1.5*	-6.3%*
	/100K Reg. Vehicles	19.6	19.3*	-2.0%*
	/100K Population	15.3	15.2	-0.7%
<b>Persons Injured</b>	/100M VMT	120	116*	-3.3%*
	/100K Reg. Vehicles	1,522	1,469*	-3.5%*
	/100K Population	1,187	1,161	-2.2%

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

\*Revised Based on Registration and VMT data for 2000 available November 2000

Sources: FARS, NASS GES, FHWA, and Census Bureau





# Vehicle Occupants Killed by Type of Vehicle

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Type of Vehicle	Year		% Change
	1999	2000	
Passenger Car	20,862	20,492	-1.8%
LTVs	11,265	11,418	+1.4%
Motorcycles	2,483	2,862	+15%
Large Trucks	759	741	-2.3%
Other Vehicles*	414	420	+1.4%
Unknown Body Type	92	316	+243%
<b>TOTAL</b>	<b>35,875</b>	<b>36,249</b>	<b>+1.0%</b>

\*Includes vehicle occupant fatalities in buses and other, e.g., farm equipment, construction equipment, etc., vehicle types.

Source: FARS



# Vehicle Occupants Injured by Type of Vehicle

National Center for Statistics & Analysis



Type of Vehicle	Year		% Change
	1999	2000	
Passenger Car	2,138,000	2,052,000	-4.0%
LTV's	847,000	887,000	+4.7%
Motorcycles	50,000	58,000	+16%
Large Trucks	33,000	31,000	-6.1%
Other Vehicles*	29,000	28,000	-3.4%
<b>TOTAL</b>	<b>3,097,000</b>	<b>3,055,000</b>	<b>-1.4%</b>

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

\*Includes vehicle occupants injured in buses and other vehicle types.

Source: NASS GES



# Non-Occupants Killed or Injured, by Role

National Center for Statistics & Analysis



Role	Year		% Change
	1999	2000	
<b>Persons Killed</b>	<b>5,842</b>	<b>5,572</b>	<b>-4.6%</b>
Pedestrians	4,939	4,739	-4.0%
Pedalcyclists	754	690	-8.5%
Others *	149	143	-4.0%
<b>Persons Injured</b>	<b>140,000</b>	<b>134,000</b>	<b>-4.3%</b>
Pedestrians	85,000	78,000	-8.2%
Pedalcyclists	51,000	51,000	0.0%
Others *	3,000	<b>5,000</b>	<b>+67%</b>

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates statistically significant.

*Italics* signify Statistically Significant Change

\*Includes occupants of motor vehicles not in transport and of non-motor vehicle transport devices.

Source: FARS, NASS GES



## Passenger Vehicle Occupants (All Ages) involved in Fatal Crashes, by Restraint Use & Survival Status

National Center for Statistics & Analysis



Restraint Use/ Survival Status	Year				% Change in count
	1999		2000		
<b>Restraints Used* / Total</b>	<b>41,459</b>	<b>100%</b>	<b>42,950</b>	<b>100%</b>	<b>+3.6%</b>
Persons Killed	11,127	27%	11,622	27%	+4.4%
Persons Survived	30,332	73%	31,328	73%	+3.2%
<b>Restraint Not Used / Total</b>	<b>33,551</b>	<b>100%</b>	<b>31,657</b>	<b>100%</b>	<b>-5.6%</b>
Persons Killed	18,363	55%	17,672	56%	-3.8%
Persons Survived	15,188	45%	13,985	44%	-8.0%
<b>Restraint Use Unknown / Total</b>	<b>7,687</b>	<b>100%</b>	<b>7,358</b>	<b>100%</b>	<b>-4.3%</b>
Persons Killed	2,637	34%	2,616	36%	-0.8%
Persons Survived	5,050	66%	4,742	64%	-6.1%

\* Restraints Used = Use of any type of restraint, e.g., lap belt, lap/shoulder belt, child safety seat, etc.

Source: FARS



## Passenger Vehicle Occupants (All Ages) involved in Injury Crashes, by Restraint Use & Injury Status

National Center for Statistics & Analysis



Restraint Use/ Injury Status	Year				% Change in count
	1999		2000		
<b>Restraint Used* / Total</b>	<b>4,369,000</b>	<b>100%</b>	<b>4,465,000</b>	<b>100%</b>	<b>+2.2%</b>
Persons Injured	2,315,000	53%	2,351,000	53%	+1.6%
Persons Not Injured	2,054,000	47%	2,114,000	47%	+2.9%
<b>Restraint Not Used / Total</b>	<b>579,000</b>	<b>100%</b>	<b>511,000</b>	<b>100%</b>	<b>-12%</b>
Persons Injured	411,000	71%	<b>359,000</b>	70%	<b>-13%</b>
Persons Not Injured	167,000	29%	152,000	30%	-9.0%
<b>Unknown Restraint Use / Total</b>	<b>574,000</b>	<b>100%</b>	<b>511,000</b>	<b>100%</b>	<b>-11%</b>
Persons Injured	235,000	41%	<b>199,000</b>	39%	<b>-15%</b>
Persons Not Injured	339,000	59%	311,000	61%	-8.3%

\* Restraints Used = Use of any type of restraint, e.g., lap belt, lap/shoulder belt, child safety seat, etc.

Totals may not add due to rounding.  
*Italics* signify Statistically Significant Change

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

Source: NASS GES



## Passenger Vehicle Occupants Killed in Rollover Crashes, by Type of Crash and Type of Vehicle

National Center for Statistics & Analysis



Type of Crash and Type of Vehicle	Year		% Change
	1999	2000	
<b>Single Vehicle Crash</b>	<b>8,348</b>	<b>8,141</b>	<b>-2.5%</b>
Passenger Car	3,991	3,838	-3.8%
Van	558	548	-1.8%
SUV	1,546	1,684	+8.9%
Other Light Truck	2,253	2,071	-8.1%
<b>Multi Vehicle Crash</b>	<b>1,792</b>	<b>1,732</b>	<b>-3.3%</b>
Passenger Car	727	664	-8.7%
Van	226	219	-3.1%
SUV	356	365	+2.5%
Other Light Truck	483	484	+0.2%

Source: FARS



# Persons Killed and Injured in Alcohol Related Crashes, by Role

National Center for Statistics & Analysis



Role	Year		% Change
	1999	2000	
<b>Persons Killed</b>	<b>15,976</b>	<b>16,653</b>	<b>+4.2%</b>
Drivers	9,787	10,216	+4.4%
Passengers	3,538	3,892	+10%
Non Occupants	2,651	2,545	-4.0%
<b>Persons Injured</b>	<b>308,000</b>	<b>310,000</b>	<b>+0.6%</b>
Drivers	193,000	201,000	+4.1%
Passengers	97,000	98,000	+1.0%
Non Occupants	17,000	<b>12,000</b>	<b>-29%</b>

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

*Italics* signify Statistically Significant Change  
Sources: FARS, NASS GES



## Persons Killed by Highest BAC in Crash

National Center for Statistics & Analysis



Highest BAC in Crash	Year		% Change
	1999	2000	
<b>Total Alcohol Related</b>	<b>15,976</b>	<b>16,653</b>	<b>+4.2%</b>
<b>% All Fatalities</b>	<b>38%</b>	<b>40%</b>	
<b>Impaired (0.01 &lt;= BAC &lt;= 0.09)</b>	<b>3,523</b>	<b>3,761</b>	<b>+6.8%</b>
<b>Intoxicated (0.10 &lt;= BAC)</b>	<b>12,453</b>	<b>12,892</b>	<b>+3.5%</b>

Source: FARS





# Number of Crashes, by Type of Crash, Alcohol Involvement and Year

National Center for Statistics & Analysis



Type of Crash	Alcohol Involvement					
	Alcohol Involved			Not Alcohol Involved		
	Year		% Change	Year		% Change
	1999	2000		1999	2000	
Fatal Crash	14,264	14,847	+4.1%	22,876	22,562	-1.4%
Injury Crash	201,000	199,000	-1.0%	1,853,000	1,870,000	+0.9%
Property Damage Only	242,000	<i>293,000</i>	<i>+21%</i>	3,945,000	3,993,000	+1.2%
All Crashes	458,000	508,000	+11%	5,821,000	5,886,000	+1.1%

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

*Italics* signify Statistically Significant Change

Sources: FARS, NASS GES



## Drivers in Alcohol-Related Fatal Crashes with Previous Alcohol Convictions

National Center for Statistics & Analysis



	Year	
	1999	2000
Drivers who were Alcohol Involved and had previous (within 3 years) Alcohol Conviction(s)	1,277	1,260
Percent of All Alcohol Involved Drivers	9.7%	9.0%
Estimated Number of Fatalities in Crashes in which Drivers were Alcohol Involved and had previous Alcohol Conviction(s)	1,420	1,407

Source: FARS



## Persons Killed in Large Truck Crashes, by Type

National Center for Statistics & Analysis



Type	Year		% Change
	1999	2000	
<b>Truck Occupants</b>	<b>759</b>	<b>741</b>	<b>-2.4%</b>
Single Vehicle	480	480	nc
Multiple Vehicle	279	261	-6.5%
<b>Other Vehicle Occupants</b>	<b>4,180</b>	<b>4,060</b>	<b>-2.9%</b>
<b>Non-Occupants</b>	<b>441</b>	<b>410</b>	<b>-7.0%</b>
<b>Total</b>	<b>5,380</b>	<b>5,211</b>	<b>-3.1%</b>

nc = no change

Source: FARS



# Persons Injured in Large Truck Crashes, by Type

National Center for Statistics & Analysis



Type	Year		% Change
	1999	2000	
<b>Truck Occupants</b>	<b>33,000</b>	<b>31,000</b>	<b>-6.1%</b>
Single Vehicle	15,000	16,000	+6.7%
Multiple Vehicle	18,000	14,000	-22%
<b>Other Vehicle Occupants</b>	<b>105,000</b>	<b>106,000</b>	<b>+1.0%</b>
<b>Non-Occupants</b>	<b>4,000</b>	<b>3,000</b>	<b>-25%</b>
<b>Total</b>	<b>142,000</b>	<b>140,000</b>	<b>-1.4%</b>

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

Source: NASS GES



## Persons Killed or Injured in School Bus Related Crashes, by Role

National Center for Statistics & Analysis



Role	Year		% Change
	1999	2000	
<b>Persons Killed</b>	<b>167</b>	<b>144</b>	<b>-14%</b>
School Bus Drivers	6	8	+33%
School Bus Passengers	4	12	+200%
Others	157	124	-21%
<b>Persons Injured</b>	<b>18,000</b>	<b>20,000</b>	<b>+11%</b>
School Bus Drivers	1,000	2,000	+100%
School Bus Passengers	8,000	8,000	nc
Others	9,000	10,000	+11%

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

Sources: FARS, NASS GES



# Children, Ages 0 - 4, Killed or Injured, by Role

National Center for Statistics & Analysis



Role	Year		% Change
	1999	2000	
<b>Killed</b>	<b>735</b>	<b>706</b>	<b>-3.9%</b>
Occupants	557	539	-3.2%
Non Occupants	178	167	-5.1%
<b>Injured</b>	<b>76,000</b>	<b>71,000</b>	<b>-6.6%</b>
Occupants	73,000	67,000	-8.2%
Non Occupants	4,000	3,000	-25%

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

Note: Totals may not add due to rounding.  
Source: FARS, NASS GES



# Children, Ages 5-15, Killed or Injured, by Role

National Center for Statistics & Analysis



Role	Year		% Change
	1999	2000	
<b>Killed</b>	<b>2,207</b>	<b>2,105</b>	<b>-4.6%</b>
Occupants	1,557	1,533	-1.5%
Non Occupants	650	572	-12.0%
<b>Injured</b>	<b>297,000</b>	<b>261,000</b>	<b>-12%</b>
Occupants	250,000	<b>218,000</b>	<b>-13%</b>
Non Occupants	47,000	43,000	-8.5%

Unless otherwise noted, changes in Numbers of Injuries and Injury Rates are not statistically significant.

*Italics* signify Statistically Significant Change  
Source: FARS, NASS GES



## Number of Crashes and Persons Killed in Crashes Involving Young Drivers (Ages 16-20)

National Center for Statistics & Analysis



Crashes or Persons Killed	Year		% Change
	1999	2000	
<b>Crashes</b>	<b>1,745,000</b>	<b>1,683,000</b>	<b>-3.5%</b>
Fatal	7,620	7,607	-0.2%
Injury	588,000	569,000	-3.2%
PDO	1,149,000	1,106,000	-3.7%
<b>Persons Killed</b>	<b>8,920</b>	<b>8,811</b>	<b>-1.2%</b>
Young Drivers	3,484	3,502	+0.5%
Young Passengers*	1,379	1,367	-0.9%
Others	4,057	3,942	-2.8%

\*In vehicles with young drivers

Source: FARS, NASS GES





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# *Motor Vehicle Crash Fatalities by State*



## Number of Persons Killed in Motor Vehicle Traffic Crashes, By State

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State	1999	2000	% Change	State	1999	2000	% Change
Alabama	1,138	995	-13%	Florida	2,920	2,999	+2.7%
Alaska	79	103	+30%	Georgia	1,508	1,541	+2.2%
Arizona	1,024	1,036	+1.2%	Hawaii	98	131	+34%
Arkansas	604	652	+7.9%	Idaho	278	276	-0.7%
California	3,559	3,753	+5.5%	Illinois	1,456	1,418	-2.6%
Colorado	626	681	+8.8%	Indiana	1,020	875	-14%
Connecticut	301	342	+14%	Iowa	490	445	-9.2%
Delaware	100	123	+23%	Kansas	540	461	-15%
Dist of Columbia	41	49	+20%	Kentucky	814	820	+0.7%

Source: FARS



# Number of Persons Killed in Motor Vehicle Traffic Crashes, By State

National Center for Statistics & Analysis



State	1999	2000	% Change	State	1999	2000	% Change
Louisiana	938	937	-0.1%	Nebraska	295	276	-6.4%
Maine	181	169	-6.6%	Nevada	350	323	-7.7%
Maryland	590	588	-0.3%	New Hampshire	140	126	-10%
Massachusetts	414	433	+4.6%	New Jersey	726	731	+0.7%
Michigan	1,382	1,382	nc	New Mexico	460	430	-6.5%
Minnesota	626	625	-0.2%	New York	1,599	1,458	-8.8%
Mississippi	927	949	+2.4%	North Carolina	1,505	1,472	-2.2%
Missouri	1,094	1,157	+5.8%	North Dakota	119	86	-28%
Montana	220	237	+7.7%	Ohio	1,430	1,351	-5.5%

Source: FARS



# Number of Persons Killed in Motor Vehicle Traffic Crashes, By State

National Center for Statistics & Analysis



State	1999	2000	% Change	State	1999	2000	% Change
Oklahoma	741	652	-12%	Utah	360	373	+3.6%
Oregon	414	451	+8.9%	Vermont	90	79	-12%
Pennsylvania	1,549	1,520	-1.9%	Virginia	878	930	+5.9%
Rhode Island	88	80	-9.1%	Washington	637	632	-0.8%
South Carolina	1,065	1,065	nc	West Virginia	395	410	+3.8%
South Dakota	150	173	+15%	Wisconsin	745	799	+7.2%
Tennessee	1,302	1,306	+0.3%	Wyoming	189	152	-20%
Texas	3,522	3,769	+7.0%				

Source: FARS



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## *A Look at Motorcycle Fatalities*



*Motorcyclist Fatalities account for most of increase in Fatalities from 1997 to 2000*

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<b>Total vs. Motorcyclist Fatalities</b>				
<b>by Year, 1997-2000</b>				
<b>Fatalities</b>	<b>Year</b>			
	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
<b>Total</b>	<b>42,013</b>	<b>41,501</b>	<b>41,717</b>	<b>41,821</b>
<b>Change</b>	<b>---</b>	<b>-512</b>	<b>+216</b>	<b>+104</b>
<b>Motorcyclists</b>	<b>2,116</b>	<b>2,294</b>	<b>2,483</b>	<b>2,862</b>
<b>Change</b>	<b>---</b>	<b>+178</b>	<b>+189</b>	<b>+379</b>
<b>Percent of all Fatalities</b>	<b>5.0</b>	<b>5.5</b>	<b>6.0</b>	<b>6.8</b>

Source: FARS



## Motorcyclist Fatality Rates are Increasing

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Motorcyclist Fatality Rates, by Year				
Rate	Year			
	1997	1998	1999	2000
<b>Persons Killed</b>	<b>2,116</b>	<b>2,294</b>	<b>2,483</b>	<b>2,862</b>
/100M VMT*	21.0	22.3	23.5*	27.3*
/100K Reg. Vehicles*	55.3	59.1	59.8*	65.9*
/100K Population	0.79	0.85	0.91	1.04

\*Revised Based on Registration and VMT data for 2000 available November 2001

Sources: FARS, FHWA, and Census Bureau



*Fatalities increased in all age groups, but was highest for Under 20 and 40 and Over*

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<b>Motorcyclists Killed, by Age Group</b>				
<b>Age Group</b>	<b>Year</b>		<b>Change</b>	<b>% Change</b>
	<b>1999</b>	<b>2000</b>		
<b>Under 20</b>	<b>137</b>	<b>188</b>	<b>+51</b>	<b>+37%</b>
<b>20-29</b>	<b>761</b>	<b>808</b>	<b>+47</b>	<b>+6.2%</b>
<b>30-39</b>	<b>612</b>	<b>698</b>	<b>+86</b>	<b>+14%</b>
<b>40 and Over</b>	<b>973</b>	<b>1,164</b>	<b>+191</b>	<b>+20%</b>
<b>Unknown</b>	<b>0</b>	<b>4</b>	<b>+4</b>	<b>---</b>
<b>Total</b>	<b>2,483</b>	<b>2,862</b>	<b>+379</b>	<b>+15%</b>

Source: FARS





## 60 % of Total Increase occurred in 5 States

National Center for Statistics & Analysis



### States with Largest Increase in Motorcyclists Killed

State	Year		Change	% Change
	1999	2000		
California	236	276	40	17%
Florida	178	259	81	46%
Illinois	103	126	23	22%
Pennsylvania	111	149	38	34%
Texas	182	227	45	25%
<b>Total</b>	<b>810</b>	<b>1,037</b>	<b>227</b>	<b>28%</b>
Percent of Total US Motorcyclist Fatalities	33%	36%		

Source: FARS



National Center for Statistics & Analysis



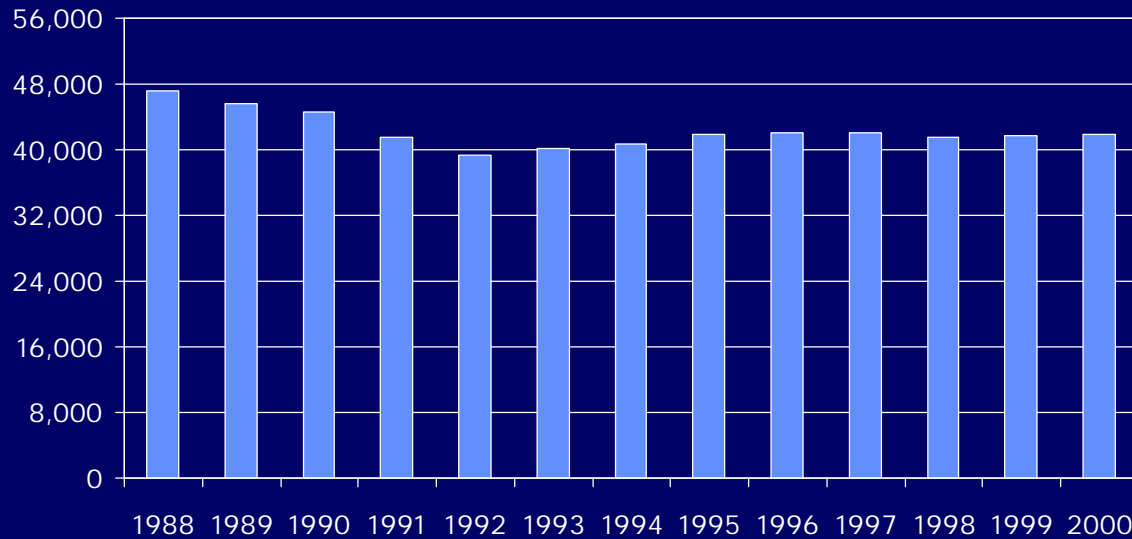
## *Long Term Trends*

**1988 - 2000**



# Persons Killed in Traffic Crashes by Year

National Center for Statistics & Analysis

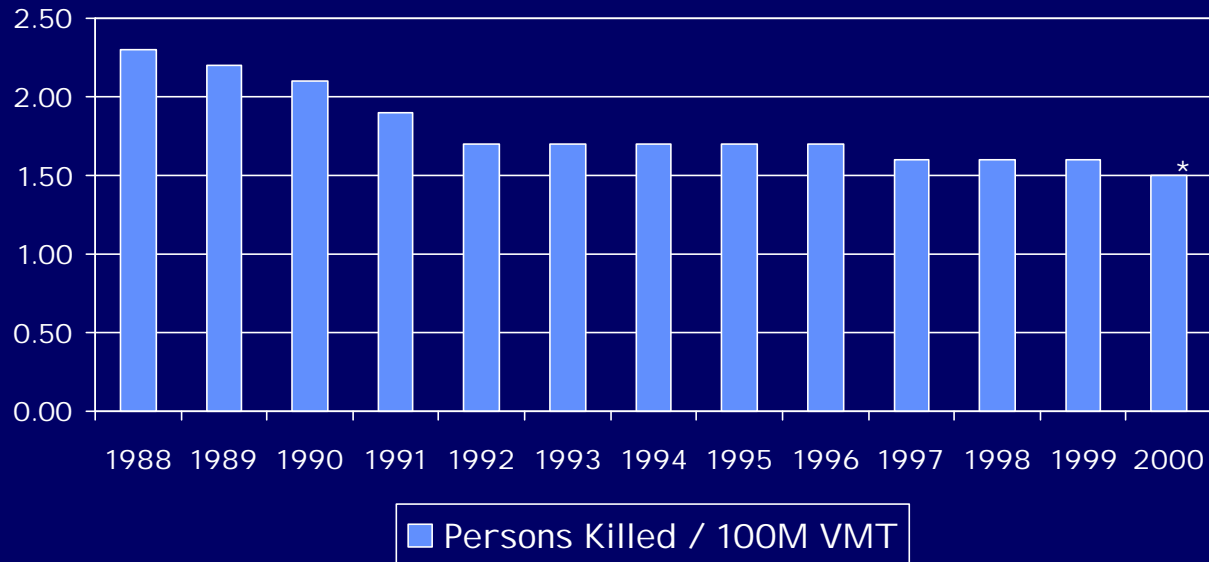


Source: FARS



# Crash Fatality Rate by Year

National Center for Statistics & Analysis



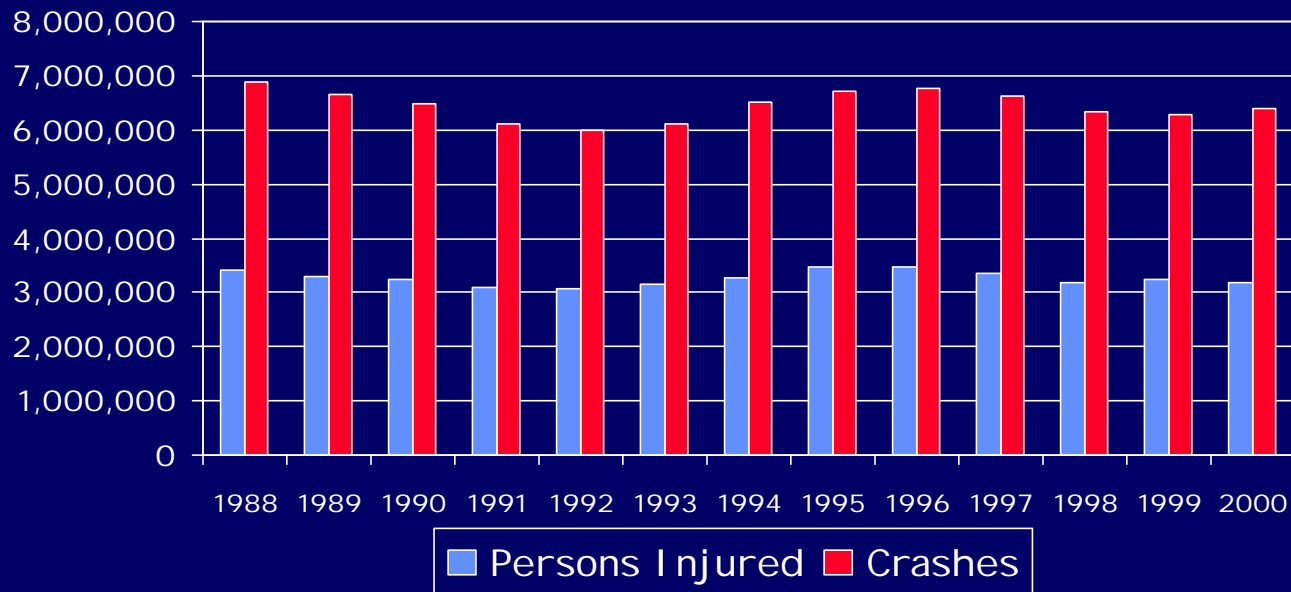
\*Revised Based on Registration and VMT data for 2000 available November 2001

Source: FARS / FHWA VMT



# Total Crashes and Persons Injured by Year

National Center for Statistics & Analysis



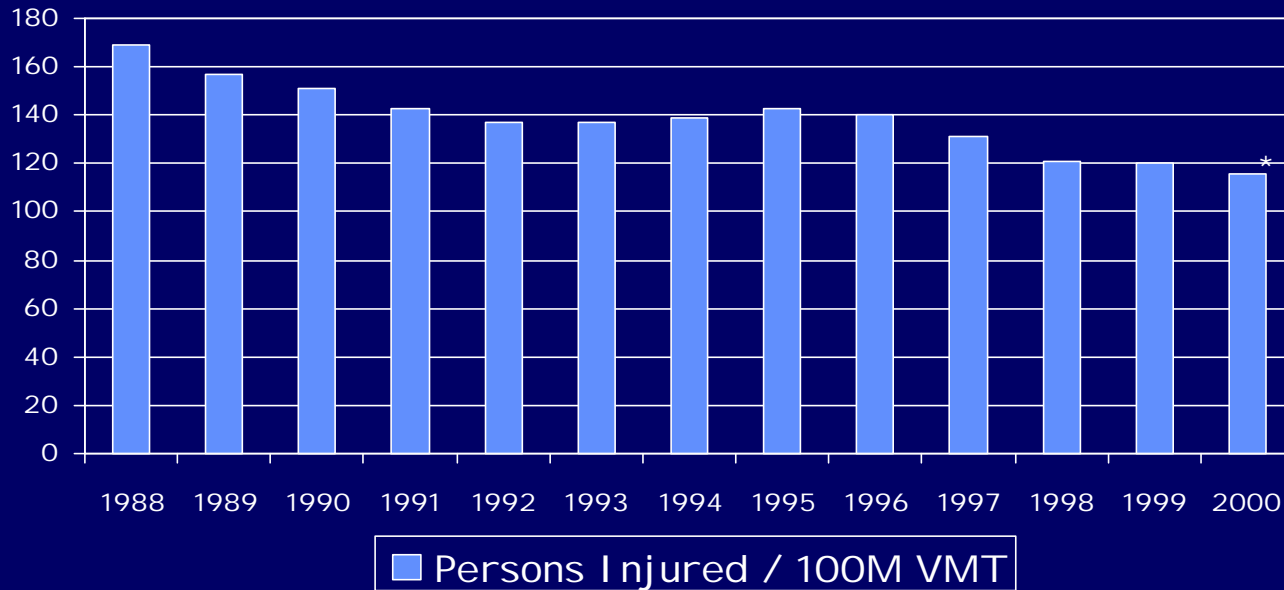
Unless otherwise noted, year-to-year changes in Numbers of Injuries and Injury Rates are not statistically significant.

Sources: NASS GES



# Crash Injury Rate by Year

National Center for Statistics & Analysis



Unless otherwise noted, year-to-year changes in Numbers of Injuries and Injury Rates are not statistically significant.

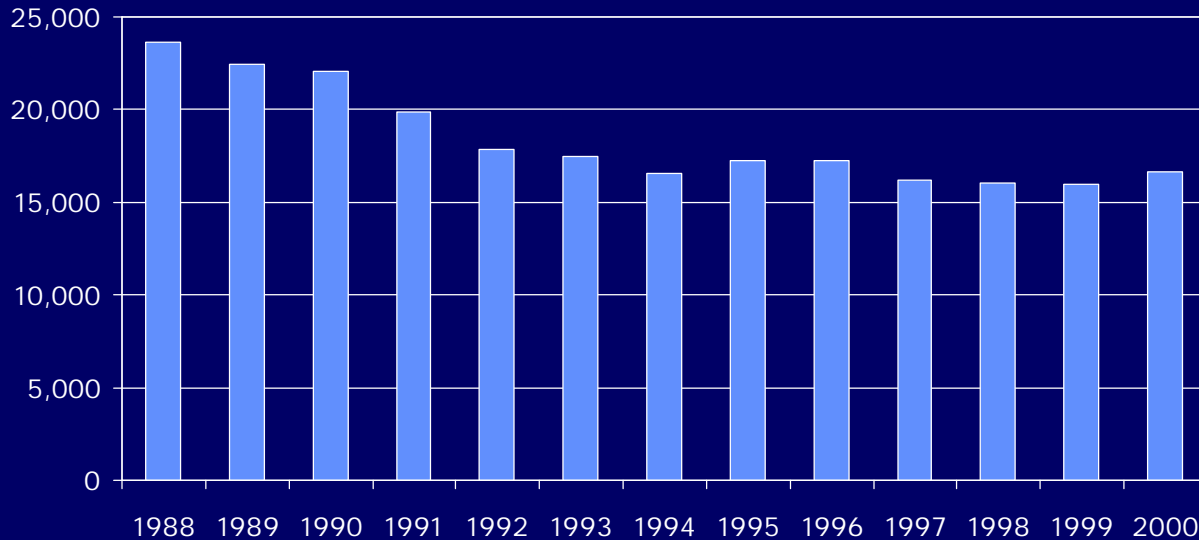
\*Revised Based on VMT data for 2000 available November 2001

Sources: NASS GES / FHWA VMT



# Persons Killed in Alcohol-Related Traffic Crashes, by Year

National Center for Statistics & Analysis

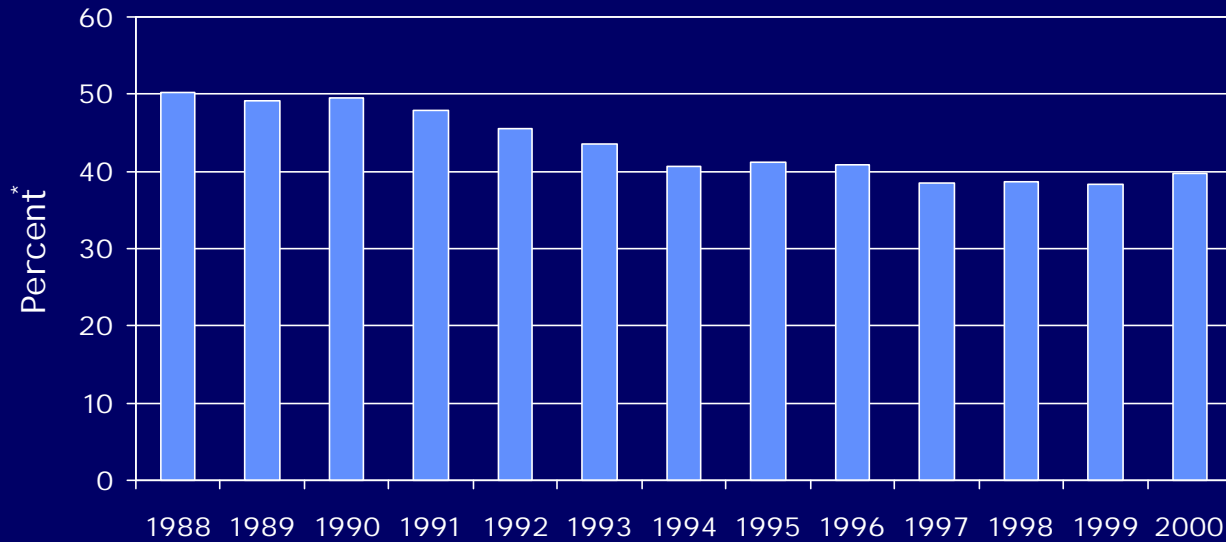


Source: FARS



# Percent Alcohol-Related Traffic Crash Fatalities of Total Fatalities, by Year

National Center for Statistics & Analysis



\* Rounded to the tenth decimal

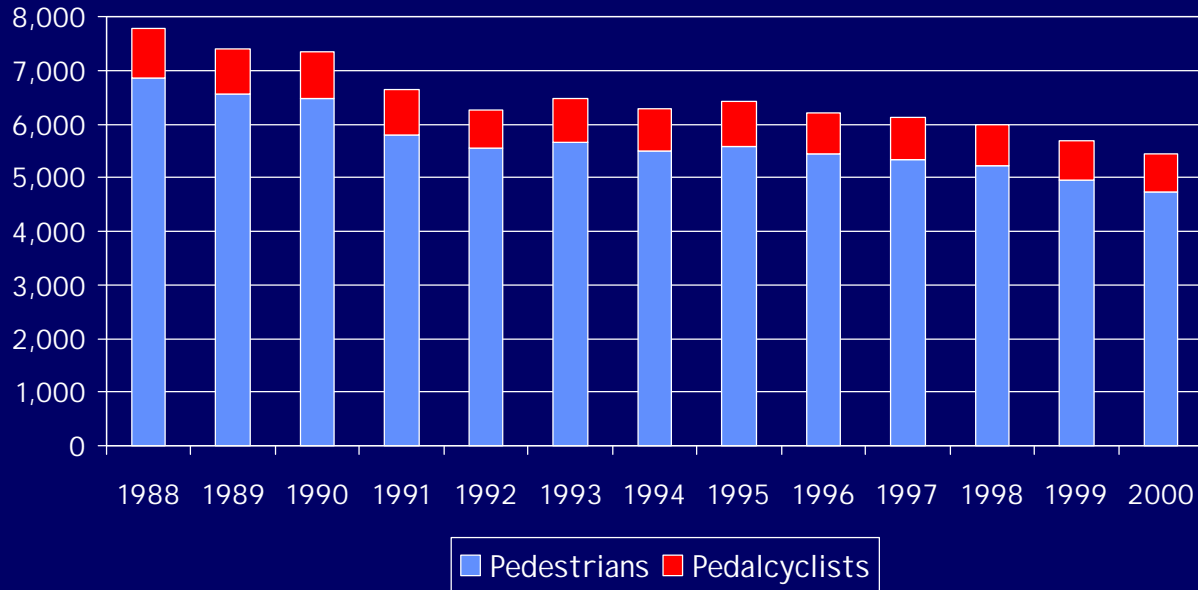
Source: FARS





# Pedestrians and Pedalcyclists Killed in Traffic Crashes, by Year

National Center for Statistics & Analysis

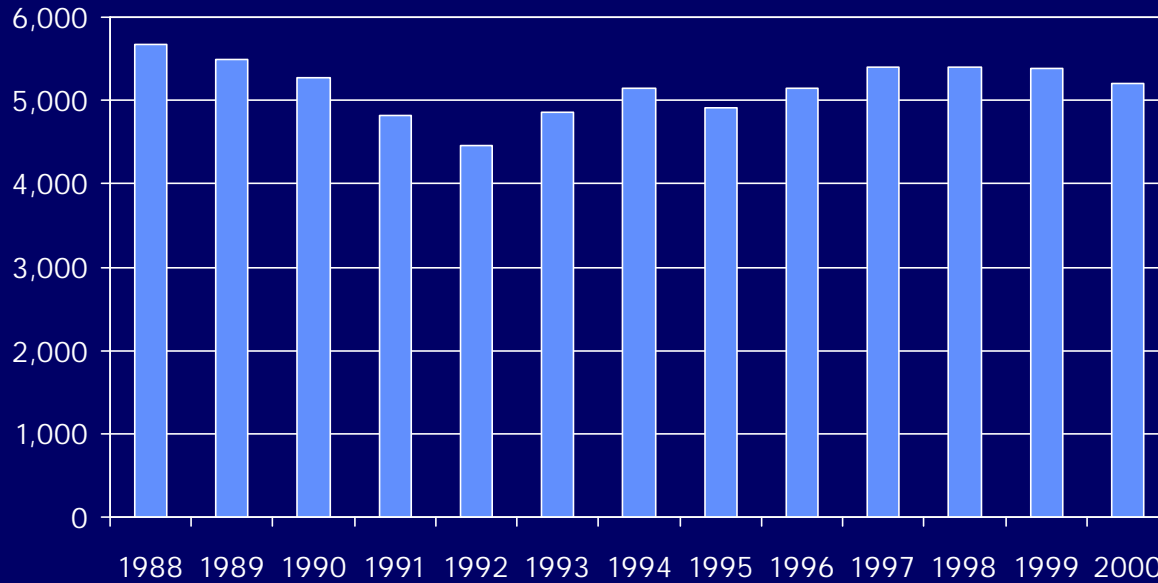


Source: FARS



# Persons Killed in Large Truck Crashes, by Year

National Center for Statistics & Analysis

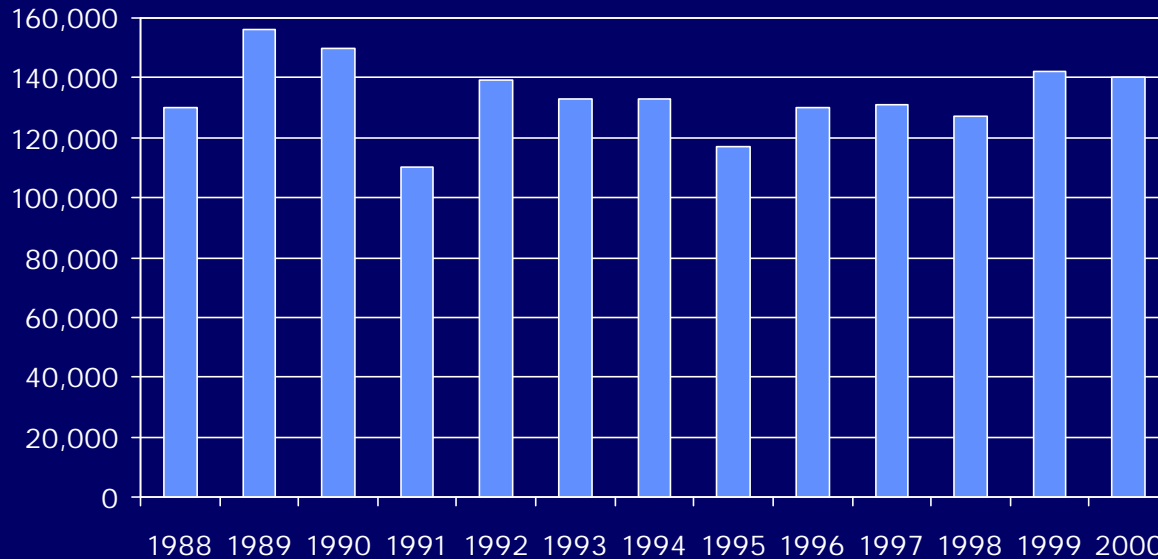


Source: FARS



# Persons Injured in Large Truck Crashes, by Year

National Center for Statistics & Analysis



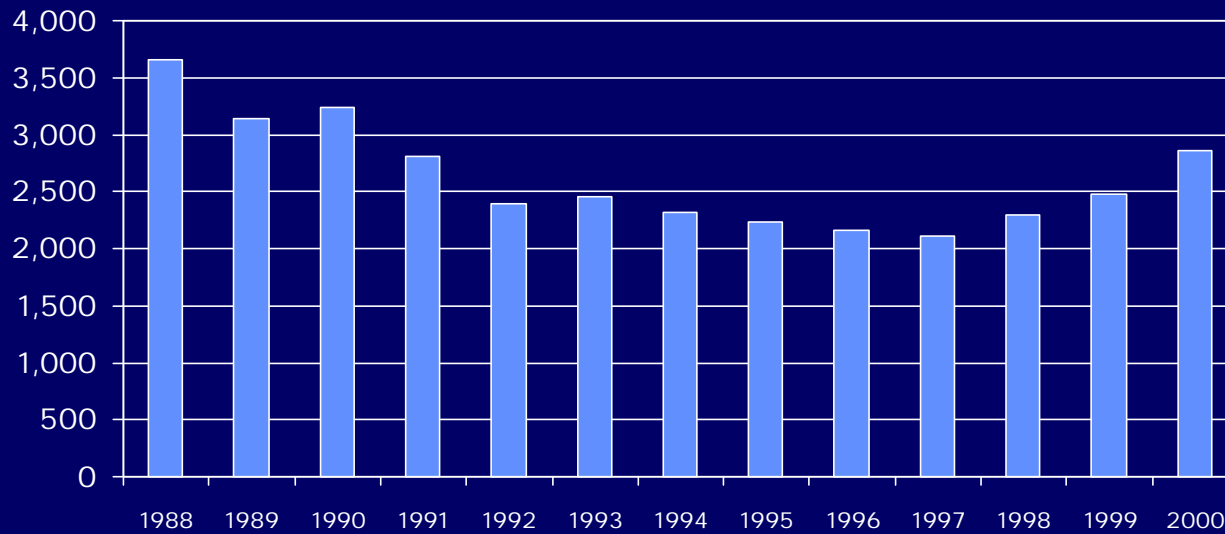
Unless otherwise noted, year-to-year changes in Numbers of Injuries and Injury Rates are not statistically significant.

Source: NASS GES



# Motorcyclists Killed by Year

National Center for Statistics & Analysis

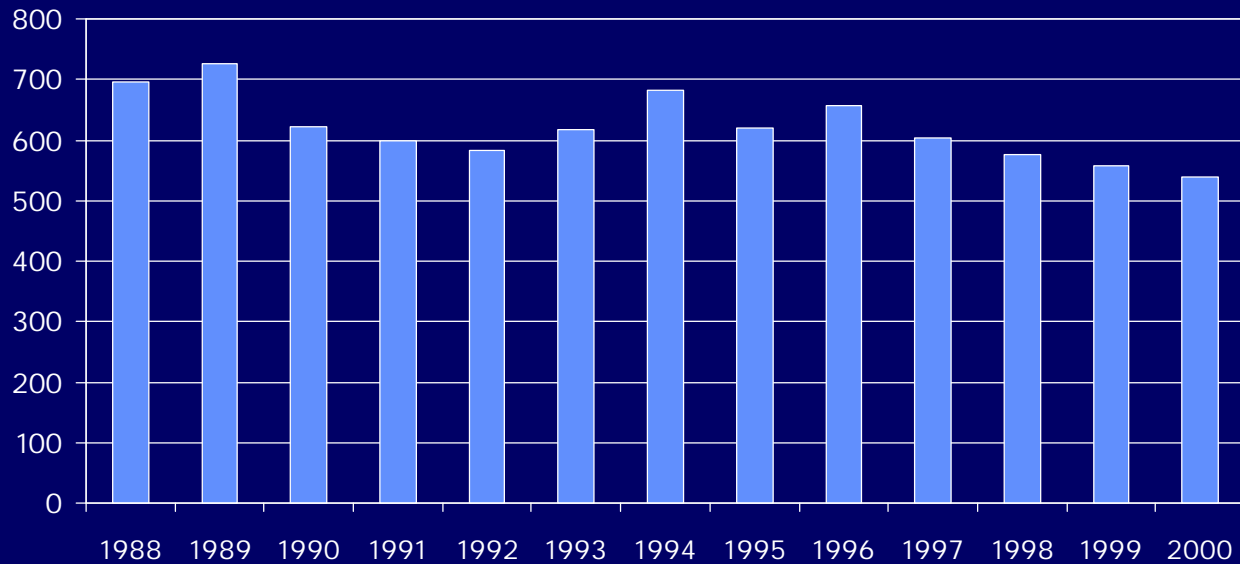


Source: FARS



# Child (Under 5) Occupant Fatalities, by Year

National Center for Statistics & Analysis



Source: FARS



# Data Sources

National Center for Statistics & Analysis



- **Crash Data**
  - ◆ Fatality Analysis Reporting System (FARS)
    - 1999 (and prior years) Final File
    - 2000 Annual Report File
  - ◆ NASS General Estimates System (GES )
    - 2000 (and prior years) Annual File
- **Exposure Data**
  - ◆ Vehicle Miles of Travel (VMT)
    - Federal Highway Administration (FHWA)  
October 2001 Traffic Volume Trends Report
  - ◆ Registered Vehicles
    - Based on R.L.Polk and FHWA Registered Vehicles
  - ◆ Population Projection (based on 1990 Census)
    - Census Bureau



National Center for Statistics & Analysis



*Questions about the data in this  
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by E-Mail to:  
[ncsaweb@nhtsa.dot.gov](mailto:ncsaweb@nhtsa.dot.gov)  
or  
made by phone to:  
1.800.934.8517*