

Hampton Roads Regional Safety Study:

General Crash Data and Trends - 2011 Update



December 2011

T11-08

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HAMPTON ROADS REGIONAL SAFETY STUDY: GENERAL CRASH DATA AND TRENDS – 2011 UPDATE

PREPARED BY:



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Hampton Roads Regional Safety Study:
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ABSTRACT

In 2001 the Hampton Roads Metropolitan Planning Organization initiated the Hampton Roads Regional Safety Study, a comprehensive analysis of highway safety throughout the region. This report, prepared by Hampton Roads Transportation Planning Organization (HRTPO) staff, updates the General Crash Data and Trends portion of the Hampton Roads Regional Safety Study. Trends are analyzed for crashes, injuries and fatalities on a regional and jurisdictional level. Comparisons are also made with statewide and national data.

ACKNOWLEDGMENTS

This report was prepared by the Hampton Roads Transportation Planning Organization (HRTPO) in cooperation with the U.S. Department of Transportation (USDOT), the Federal Highway Administration (FHWA), and the Virginia Department of Transportation (VDOT). The contents of this report reflect the views of the HRTPO. The HRTPO staff is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the FHWA or VDOT. This report does not constitute a standard, specification, or regulation. FHWA or VDOT acceptance of this planning study does not constitute endorsement/approval of the need for any recommended improvements nor does it constitute the approval of their location and design or a commitment to fund any such improvements. Additional project level environmental impact assessments and/or studies of alternative may be necessary.

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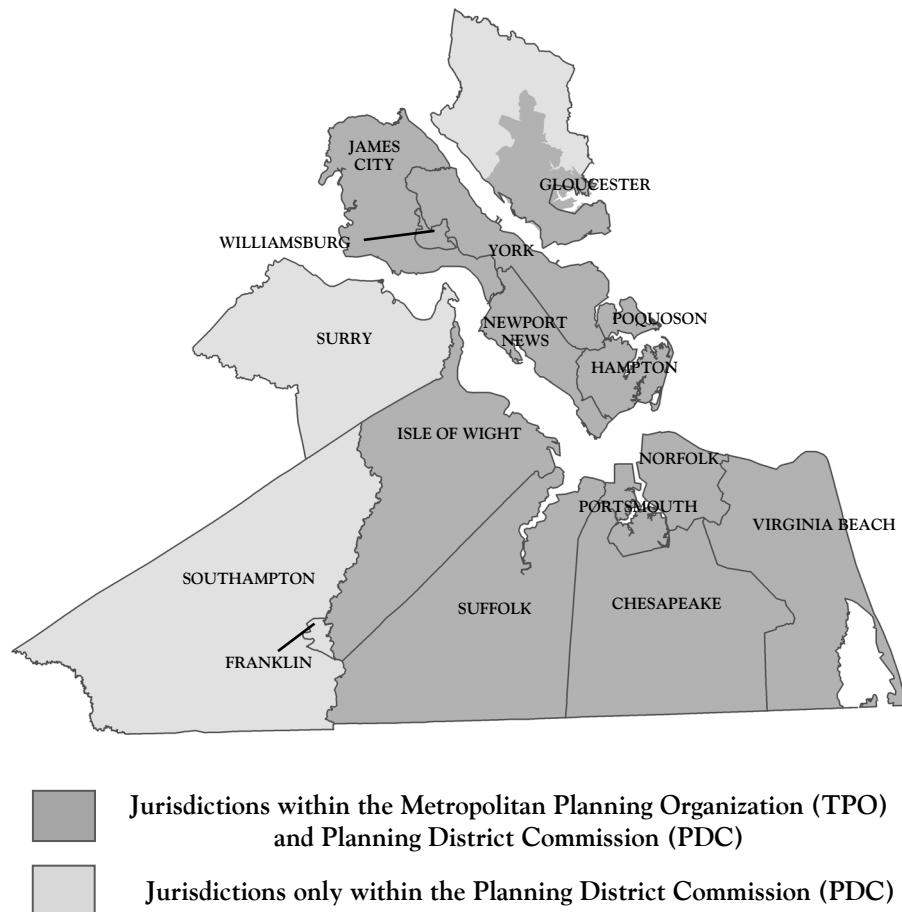
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In 2001 the Hampton Roads Metropolitan Planning Organization initiated a comprehensive study examining highway safety throughout the region. That effort, titled the Hampton Roads Regional Safety Study, analyzed general crash data and trends on a regional and jurisdictional level, the locations of crashes throughout the region, and crash countermeasures for high crash locations.

This report, prepared by Hampton Roads Transportation Planning Organization (HRTPO) staff, updates the General Crash Data and Trends portion of the Hampton Roads Regional Safety Study through the year 2010 where data is available. Similar to previous updates, trends are analyzed for crashes, injuries and fatalities on a regional and jurisdictional level for those localities within the Hampton Roads Planning District Commission (see map to the right). Comparisons are also made with regional, statewide and national crash data.

Hampton Roads Jurisdictions



HAMPTON ROADS QUICK CRASH FACTS

- ▶ There were **23,142 crashes** in Hampton Roads in 2010. This comes out to an average of 63 crashes every day or one crash every 23 minutes.
- ▶ The number of crashes in Hampton Roads has **decreased 30%** from the peak of 33,108 crashes in 2004.
- ▶ There were **1.55 crashes per million vehicle-miles of travel** in Hampton Roads in 2010. This rate is down 29% from 2001.
- ▶ The most common crash types in Hampton Roads were rear end, angle, and fixed objects off the roadway between 2008 and 2010.
- ▶ The most common driver actions leading to crashes in Hampton Roads between 2008 and 2010 were following too closely, drivers being distracted and failing to maintain control of their vehicle, and failing to yield the right of way.
- ▶ There were **1,643 crashes that involved alcohol** in Hampton Roads in 2010.

Change in Crash Rates 2004 to 2010

Hampton Roads	▼ 32%
Virginia	▼ 27%
United States	▼ 14%
Northern Va	▼ 34%
Richmond	▼ 25%
Roanoke	▼ 20%

As mentioned above, the number of crashes in Hampton Roads peaked at 33,108 crashes in 2004 and has decreased significantly since then. In many of the following sections, boxes similar to the one on the left highlight the difference between the numbers seen in the peak in 2004 and the numbers seen in 2010.

TRAFFIC CRASHES

Hampton Roads Traffic Crashes Traffic Crashes by Jurisdiction

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Hampton Roads Traffic Crash Rates Virginia Traffic Crash Rates

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Traffic Crash Rates by Jurisdiction Hampton Roads Crashes - Crash Type

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Hampton Roads Crashes - Driver Action Virginia Crashes - Driver Action

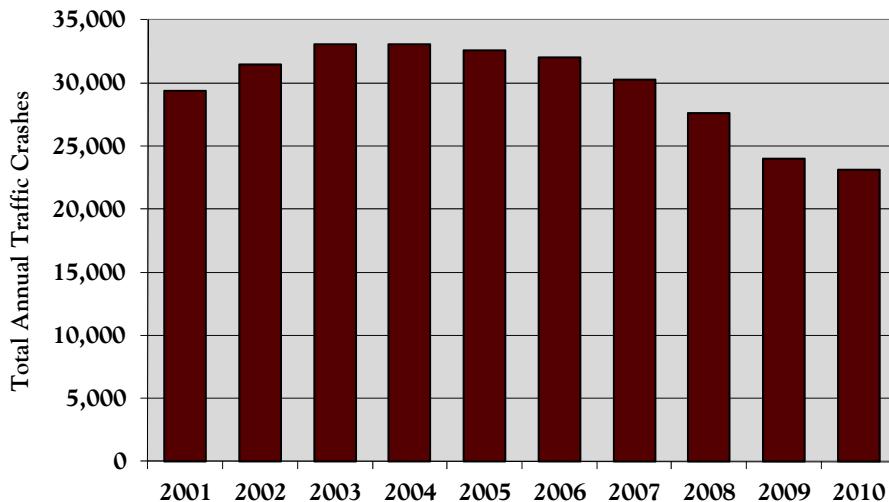
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Hampton Roads Alcohol-Related Crashes Virginia Alcohol-Related Crashes

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HAMPTON ROADS TRAFFIC CRASHES

Hampton Roads Annual Traffic Crashes*, 2001-2010



Data source: Virginia DMV.

* A reported traffic crash according to the Virginia Department of Motor Vehicles includes all crashes on public roadways that involve a fatality, injury, or estimated property damage of at least \$1,500.

Change in Annual Crashes 2004 to 2010

Hampton Roads	▼ 30%
Virginia	▼ 24%
United States	▼ 10%**
Northern Virginia	▼ 27%
Richmond	▼ 21%
Roanoke	▼ 20%

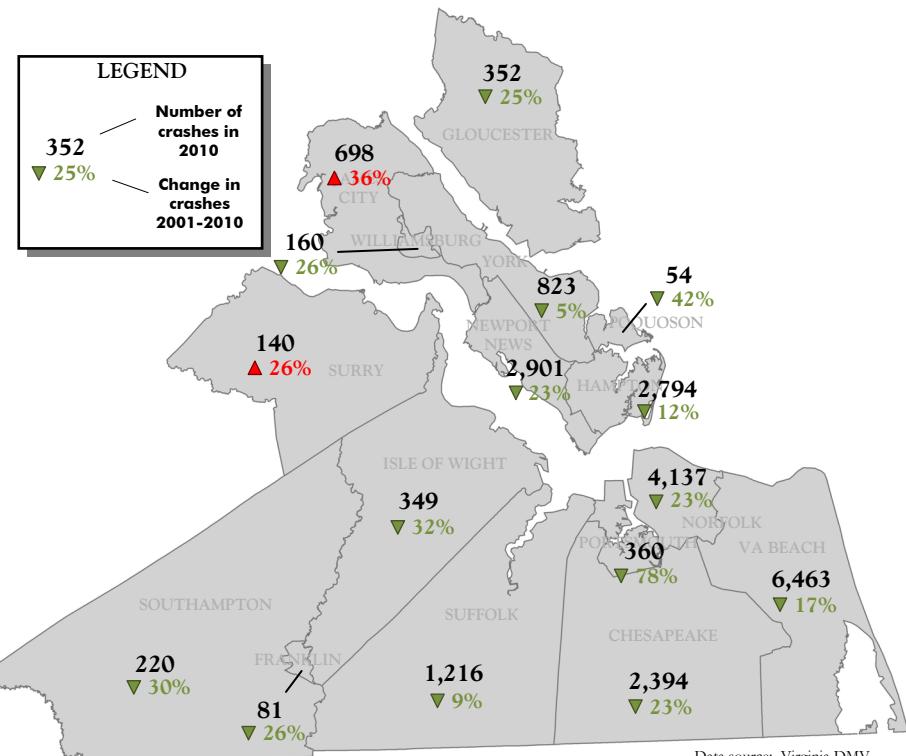
There were 23,142 crashes in Hampton Roads in 2010, which is an average of 63 crashes every day, or one crash every 23 minutes. This level of crashes in Hampton Roads was lower than were experienced in any other year over the last decade.

The number of crashes in Hampton Roads has decreased every year since 2004 and there were 30% fewer crashes in the region in 2010 than in 2004. This decrease is higher than the statewide and national decrease, and is also a larger decrease than in the other Virginia metropolitan areas.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

TRAFFIC CRASHES BY JURISDICTION

Traffic Crashes and Trends by Jurisdiction, 2001-2010



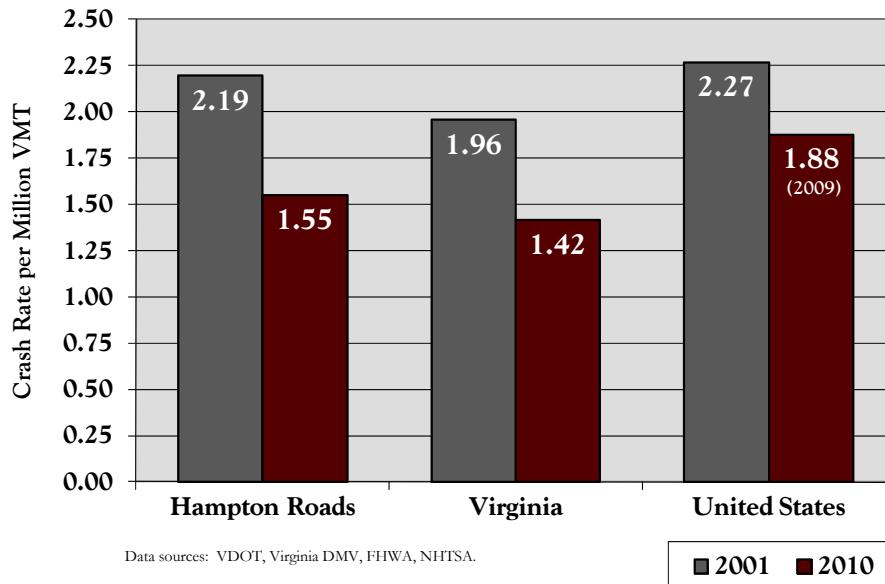
Data source: Virginia DMV.

Of the sixteen Hampton Roads jurisdictions, only two experienced an increase in the number of traffic crashes between 2001 and 2010. James City County experienced the largest increase with 36% more crashes in 2010 than in 2001, and Surry County experienced a 26% increase. In both localities, this increase happened early in the decade; the number of crashes has decreased since 2005 in James City and Surry.

Ten of the sixteen jurisdictions experienced a decrease in the number of traffic crashes between 2001 and 2010 of greater than 20%, with Portsmouth, Poquoson, Isle of Wight County, and Southampton County experiencing the largest decreases.

HAMPTON ROADS TRAFFIC CRASH RATES

Traffic Crash Rates in Hampton Roads, Virginia, and the United States, 2001 and 2010



Change in Crash Rates 2004 to 2010

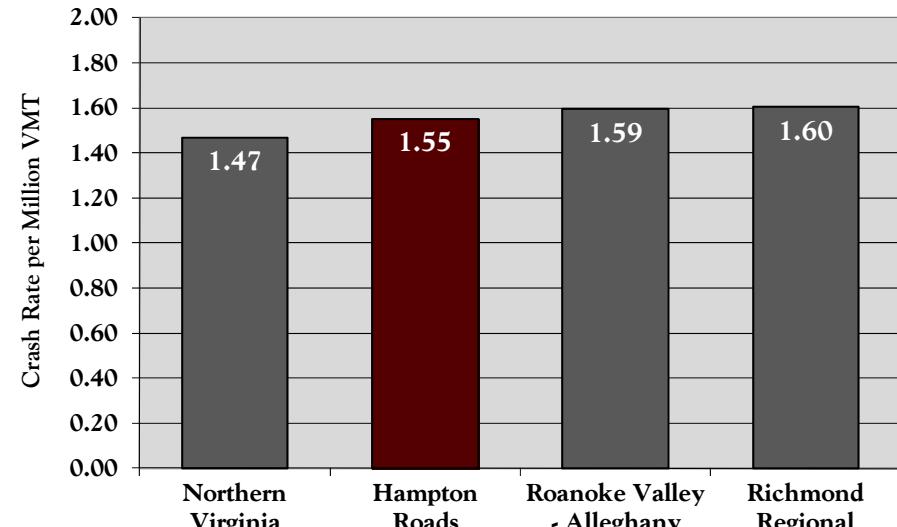
Hampton Roads	▼ 32%
Virginia	▼ 27%
United States	▼ 14%**
Northern Virginia	▼ 34%
Richmond	▼ 25%
Roanoke	▼ 20%

There were 1.55 crashes per million vehicle-miles of travel (VMT) in Hampton Roads in 2010. This rate has decreased 29% from the number seen in 2001, and 32% since the number of crashes peaked in 2004.

In spite of the decrease, the crash rate in Hampton Roads is still higher than the statewide crash rate of 1.42. The decrease in the crash rate in Hampton Roads, however, was larger than the statewide and national decrease experienced over the last decade.

VIRGINIA TRAFFIC CRASH RATES

Traffic Crash Rates in Selected Virginia Planning Districts, 2010



Data sources: VDOT, Virginia DMV.

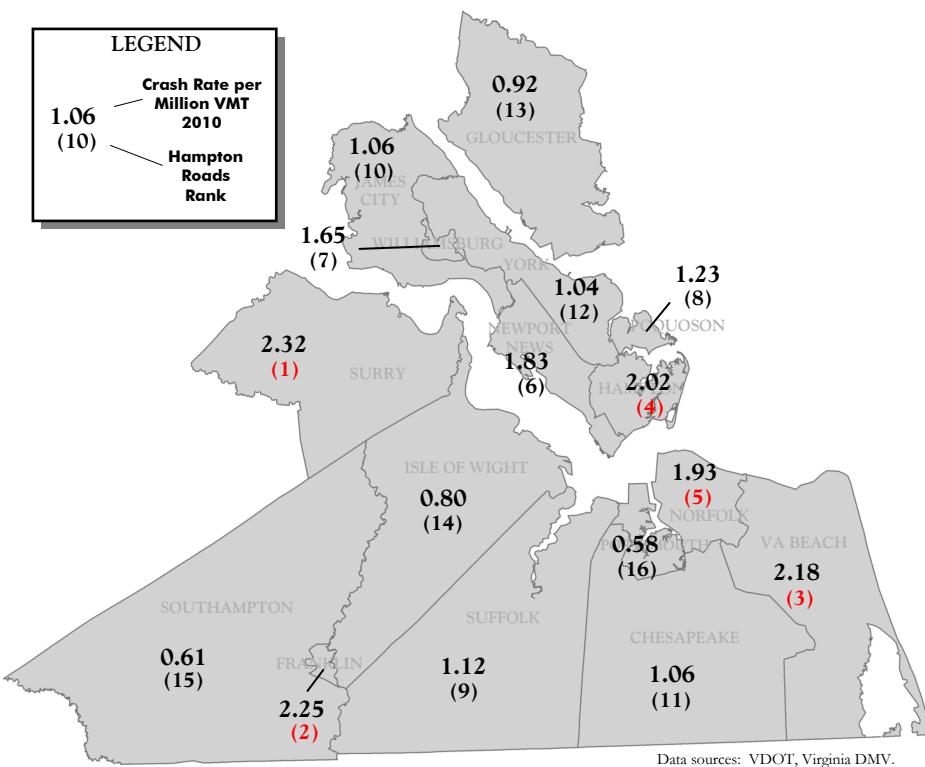
The crash rate in Hampton Roads was comparable to other metropolitan areas in Virginia in 2010. At 1.55 crashes per million vehicle-miles of travel, Hampton Roads had a higher crash rate in 2010 than Northern Virginia (1.47), but a lower crash rate than the Roanoke (1.59) and Richmond (1.60) areas.

All four of the largest metropolitan areas in the state had crash rates that were higher than the statewide rate of 1.42 crashes per million vehicle-miles of travel in 2010.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

TRAFFIC CRASH RATES BY JURISDICTION

Traffic Crash Rates by Jurisdiction, 2010

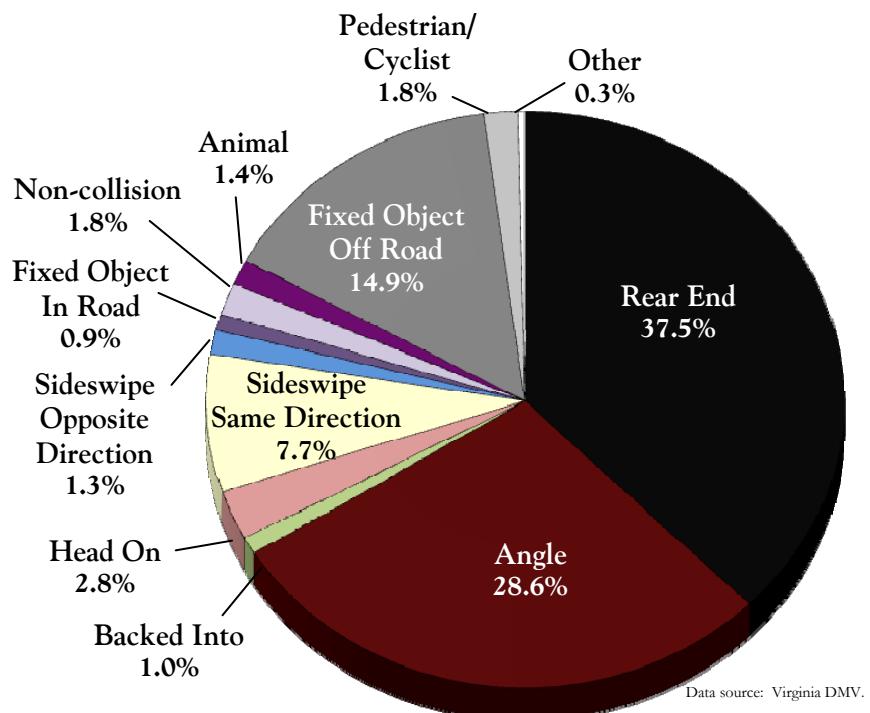


Surry County had the highest crash rate per amount of roadway travel of any Hampton Roads jurisdiction in 2010 at 2.32 crashes per million VMT. Other jurisdictions with the highest crash rates were the more urbanized areas of Franklin, Virginia Beach, Hampton, and Norfolk.

The jurisdictions with the lowest crash rates were Portsmouth and the more rural localities of Southampton, Isle of Wight, Gloucester, and York Counties. Rural areas typically have lower crash rates than urban areas due to fewer traffic conflicts (such as intersections, entrances to businesses, and driveways) and less congestion. However, this is not always the case as shown by the Surry County and Portsmouth crash rates.

HAMPTON ROADS CRASHES - CRASH TYPE

Hampton Roads Crashes by Type, 2008-2010

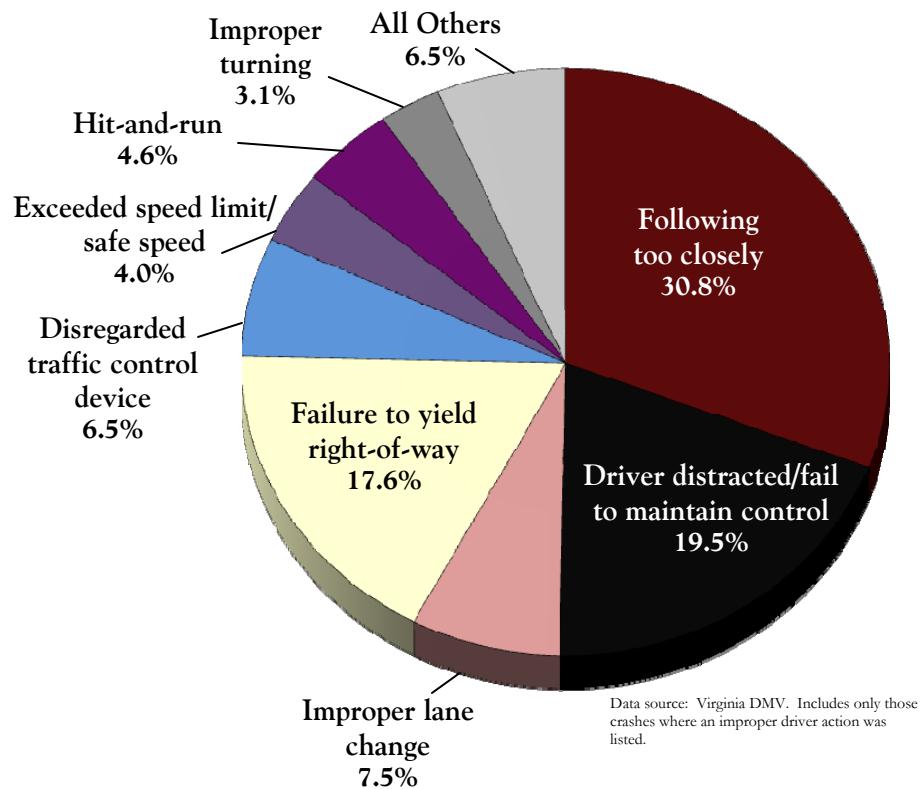


The primary crash types in Hampton Roads between 2008 and 2010 were rear end crashes (37.5%), angle crashes (28.6%), and fixed objects off the roadway surface crashes (14.9%). Over four out of every five crashes in Hampton Roads during this period were one of these three crash types.

Similar to Hampton Roads, the primary crash types statewide between 2008 and 2010 were rear end crashes (31.6%), angle crashes (25.9%), and fixed objects off the roadway surface crashes (20.1%).

HAMPTON ROADS CRASHES - DRIVER ACTION

Primary Driver Actions Leading to Traffic Crashes in Hampton Roads, 2008-2010

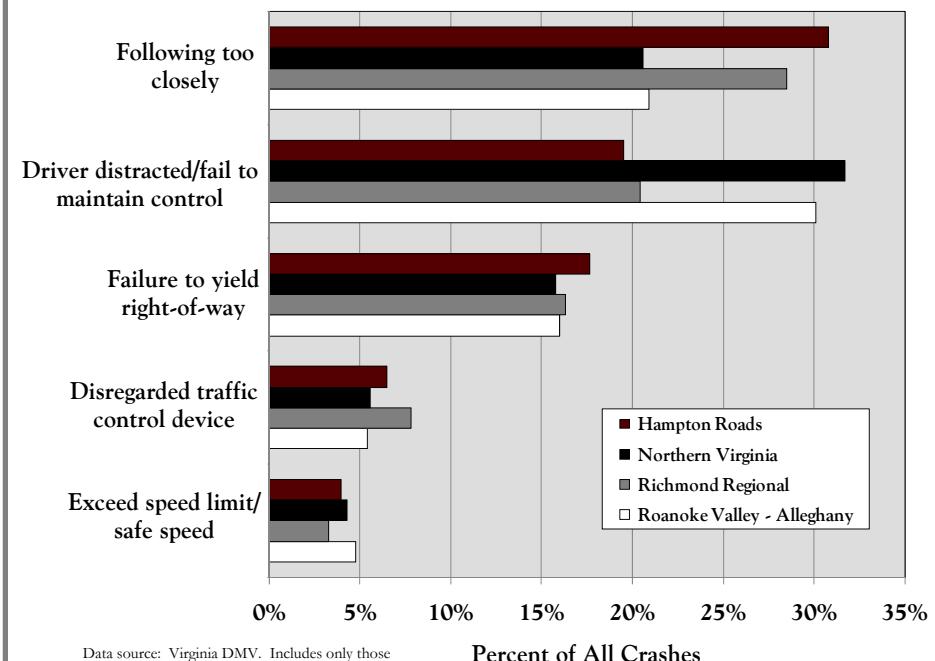


The most prevalent driver actions leading to crashes in Hampton Roads between 2008 and 2010 were following too closely (30.8%), driver distracted or failed to maintain control (27.8%), following too closely (22.8%), and failure to yield the right-of-way (16.2%).

The primary driver actions leading to crashes statewide between 2008 and 2010 were driver distracted or failed to maintain control (27.8%), following too closely (22.8%), and failure to yield the right-of-way (16.2%).

VIRGINIA CRASHES - DRIVER ACTION

Primary Driver Actions Leading to Traffic Crashes in Selected Virginia Planning Districts, 2008-2010



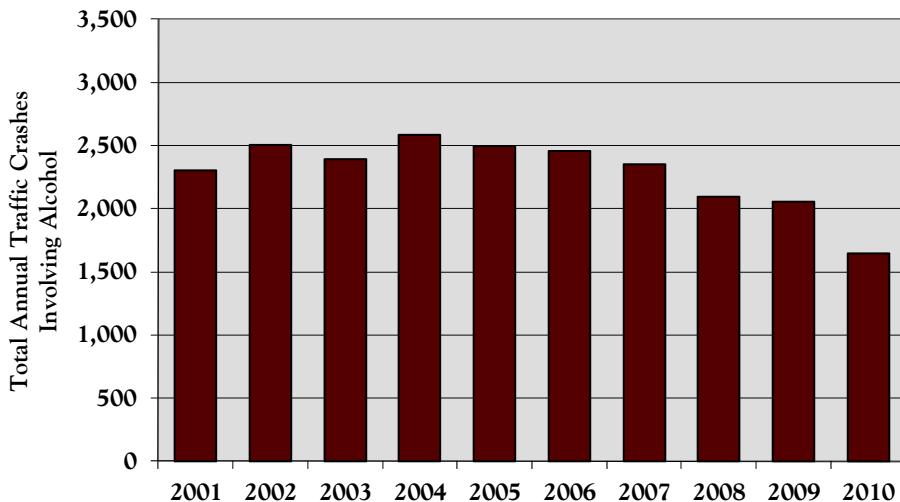
Data source: Virginia DMV. Includes only those crashes where an improper driver action was listed.

Crashes caused by drivers following too closely was the most prevalent driver action in both the Hampton Roads and Richmond areas between 2008 and 2010. In both areas, more than a quarter of all traffic crashes were due to drivers following too closely.

In the Northern Virginia and Roanoke areas, the most prevalent driver action preceding traffic crashes was driver distractions/failing to maintain control of their vehicle. In both of these areas more than 30% of all crashes between 2008 and 2010 were caused by distracted drivers, which is much higher than the 20% level experienced in Hampton Roads.

HAMPTON ROADS ALCOHOL-RELATED CRASHES

Hampton Roads Crashes Involving Alcohol*, 2001-2010



Data source: Virginia DMV.

* The Virginia Department of Motor Vehicles defines a traffic crash as being alcohol-related (or involving alcohol) when the police report indicates that a driver, pedestrian, or bicyclist had been drinking before the crash, regardless of the blood alcohol content (BAC).

Change in Alcohol Crashes 2004 to 2010

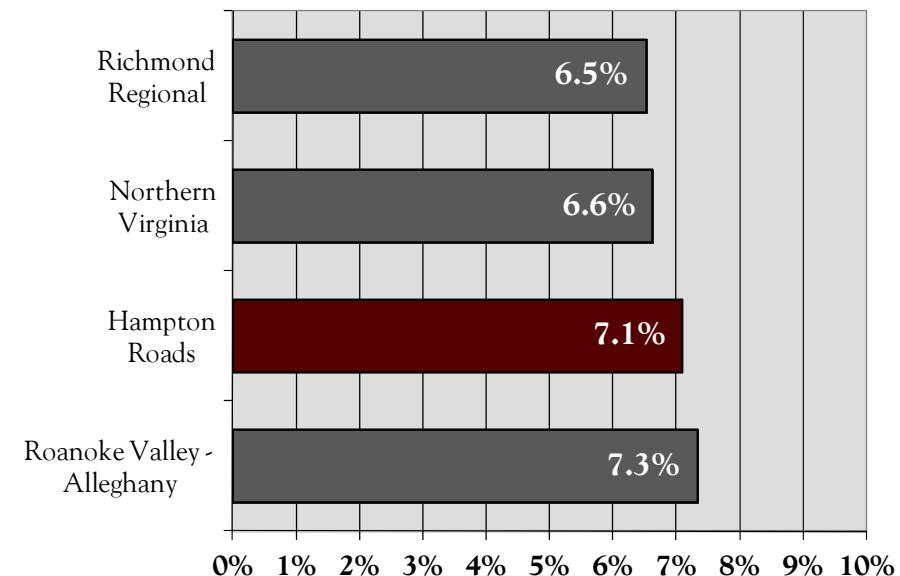
Hampton Roads	▼ 36%
Virginia	▼ 29%
United States	N/A
Northern Virginia	▼ 24%
Richmond	▼ 27%
Roanoke	▼ 29%

There were 1,643 traffic crashes in Hampton Roads that involved alcohol in 2010. Similar to the total number of crashes, the number of crashes involving alcohol has decreased every year since 2004. There were 941 fewer crashes involving alcohol in Hampton Roads in 2010 than in 2004.

Crashes that involved alcohol comprised 7.1% of all traffic crashes in the region in 2010. This rate has also decreased, down from 7.8% of all traffic crashes in Hampton Roads in 2001.

VIRGINIA ALCOHOL-RELATED CRASHES

Percentage of Crashes that were Alcohol-Related* in Selected Virginia Planning Districts, 2010



Data source: Virginia DMV.

* The Virginia Department of Motor Vehicles defines a traffic crash as being alcohol-related (or involving alcohol) when the police report indicates that a driver, pedestrian, or bicyclist had been drinking before the crash, regardless of the blood alcohol content (BAC).

The percentage of crashes that involved alcohol in Hampton Roads between 2008 and 2010 was higher than the percentage experienced in the Richmond and Northern Virginia areas, but lower than the percentage in the Roanoke area.

TRAFFIC CRASH INJURIES

HAMPTON ROADS QUICK INJURY FACTS

- ▶ There were **13,449 injuries** resulting from traffic crashes in Hampton Roads in 2010. This comes out to an average of 37 injuries every day throughout the region or one injury every 39 minutes.
- ▶ The number of injuries resulting from traffic crashes in Hampton Roads has **decreased 25%** from 2004, the year with the most crashes in the region.
- ▶ There were **0.90 injuries per million vehicle-miles of travel** in Hampton Roads in 2010. This rate is down 31% from 2001.
- ▶ The most common crash types leading to injuries in Hampton Roads between 2008 and 2010 were rear end, angle, and fixed objects off the roadway.
- ▶ There were **1,204 injuries that resulted from traffic crashes that involved alcohol** in Hampton Roads in 2010.

**Hampton Roads Traffic Crash Injuries
Traffic Crash Injuries by Jurisdiction**

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**Hampton Roads Injury Rates
Virginia Injury Rates**

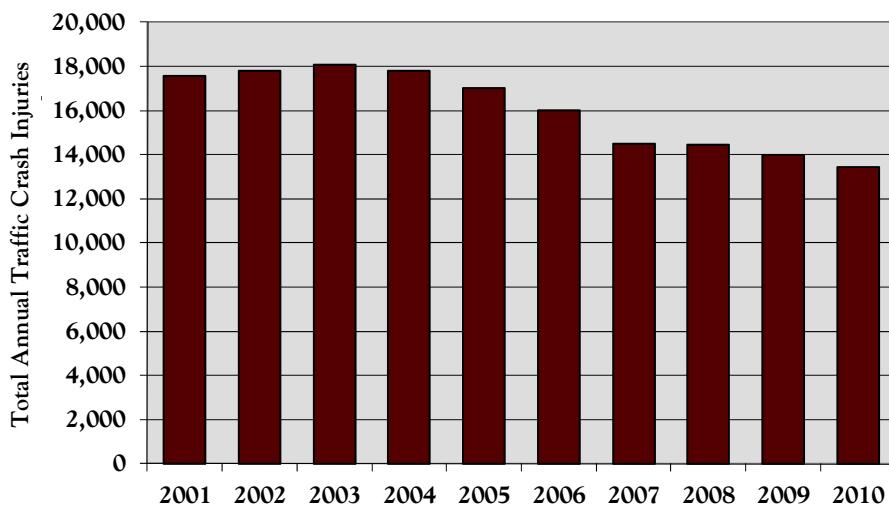
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**Hampton Roads Injuries - Crash Type
Hampton Roads Alcohol-Related Injuries**

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HAMPTON ROADS TRAFFIC CRASH INJURIES

Hampton Roads Annual Traffic Crash Injuries*, 2001-2010



Data source: Virginia DMV.

* An injury traffic crash is defined by the Virginia Department of Motor Vehicles as any crash that involves at least one injury, but results in no fatalities within 30 days of the crash.

Change in Annual Injuries 2004 to 2010

Hampton Roads	▼ 25%
Virginia	▼ 22%
United States	▼ 20%**
Northern Virginia	▼ 22%
Richmond	▼ 18%
Roanoke	▼ 13%

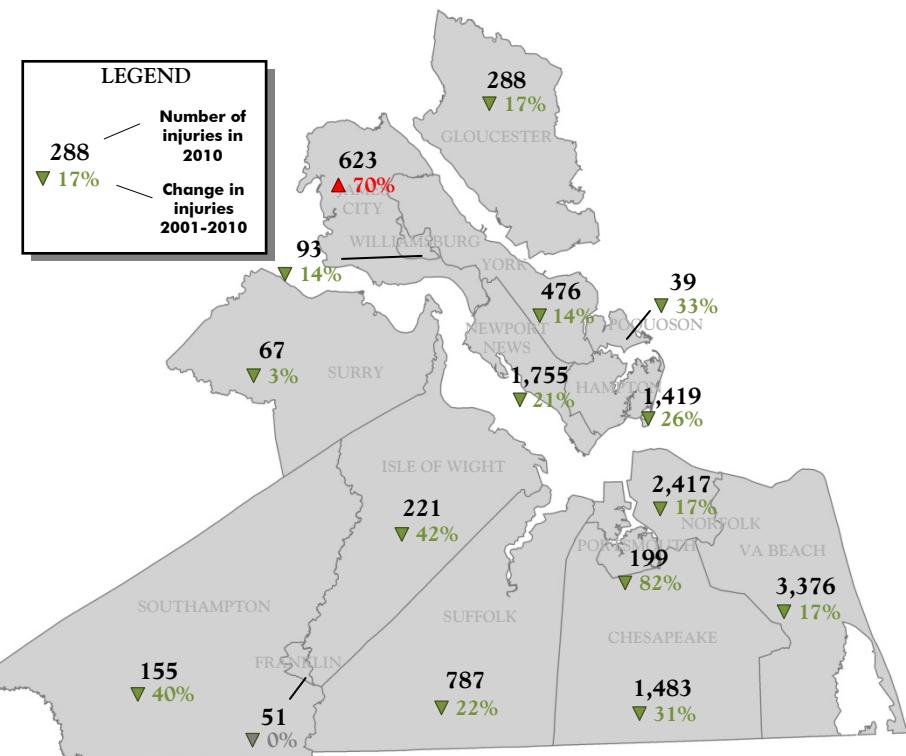
There were 13,449 injuries that resulted from traffic crashes in Hampton Roads in 2010, which is an average of 37 injuries every day, or one injury every 39 minutes. This level of injuries in Hampton Roads was lower than were experienced in any other year over the last decade.

The number of injuries in Hampton Roads has decreased every year since 2003 and there were 25% fewer injuries in the region in 2010 than in 2004, the year with the most crashes. This decrease is higher than the statewide, national, and other Virginia metropolitan area decreases.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

TRAFFIC CRASH INJURIES BY JURISDICTION

Traffic Crash Injuries and Trends by Jurisdiction, 2001-2010



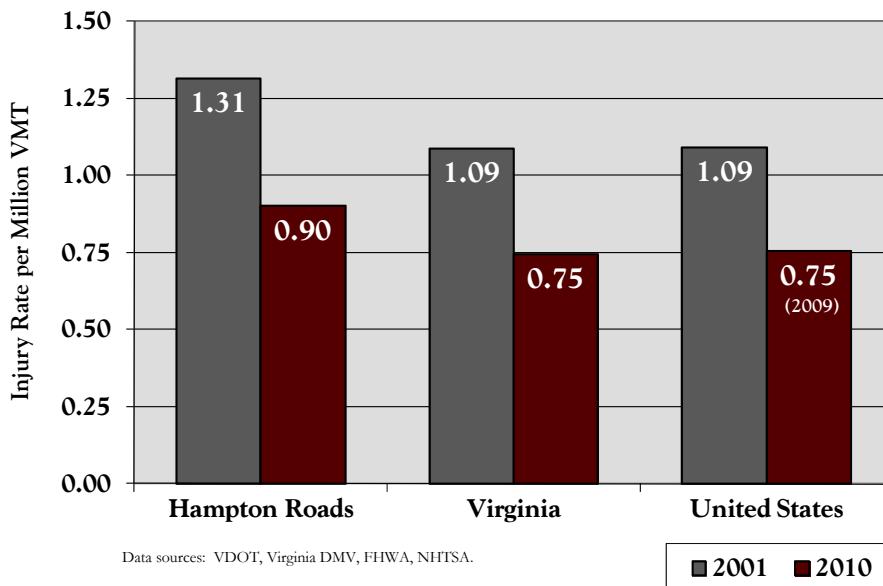
Data source: Virginia DMV.

Of the sixteen Hampton Roads jurisdictions, only James City County experienced an increase in the number of injuries resulting from traffic crashes between 2001 and 2010.

Eight of the sixteen jurisdictions had decreases in the number of injuries of greater than 20%, with Portsmouth, Isle of Wight County, Southampton County, Poquoson, and Chesapeake experiencing the largest decreases.

HAMPTON ROADS INJURY RATES

Traffic Crash Injury Rates in Hampton Roads, Virginia, and the United States, 2001 and 2010



Change in Injury Rates 2004 to 2010

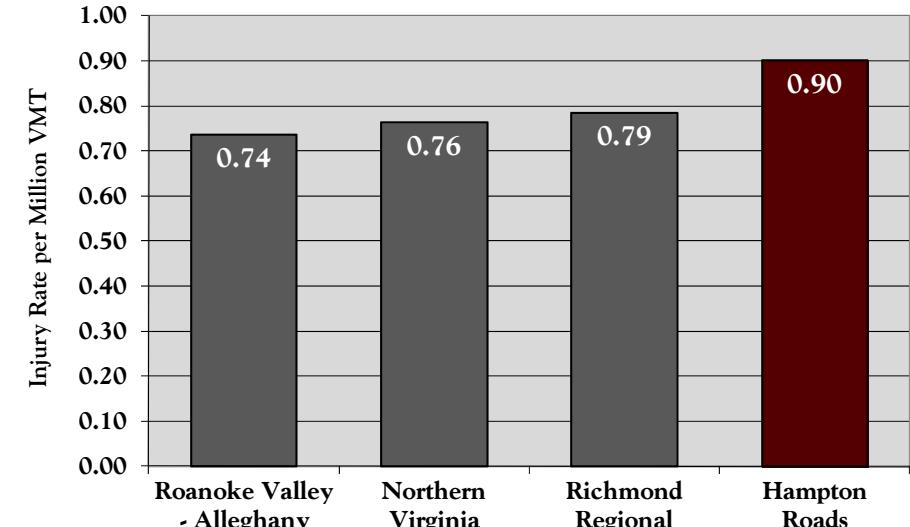
Hampton Roads	▼ 26%
Virginia	▼ 25%
United States	▼ 20%**
Northern Virginia	▼ 29%
Richmond	▼ 22%
Roanoke	▼ 14%

There were 0.90 injuries per million vehicle-miles of travel (VMT) in Hampton Roads in 2010. This rate has decreased 31% from the number seen in 2001, and 26% since the number of crashes peaked in 2004.

In spite of the decrease, the crash injury rate in Hampton Roads is higher than the statewide and national injury rates. The decrease in the injury rate in Hampton Roads, however, was larger than the statewide and national decrease experienced over the last decade.

VIRGINIA INJURY RATES

Traffic Crash Injury Rates in Selected Virginia Planning Districts, 2010



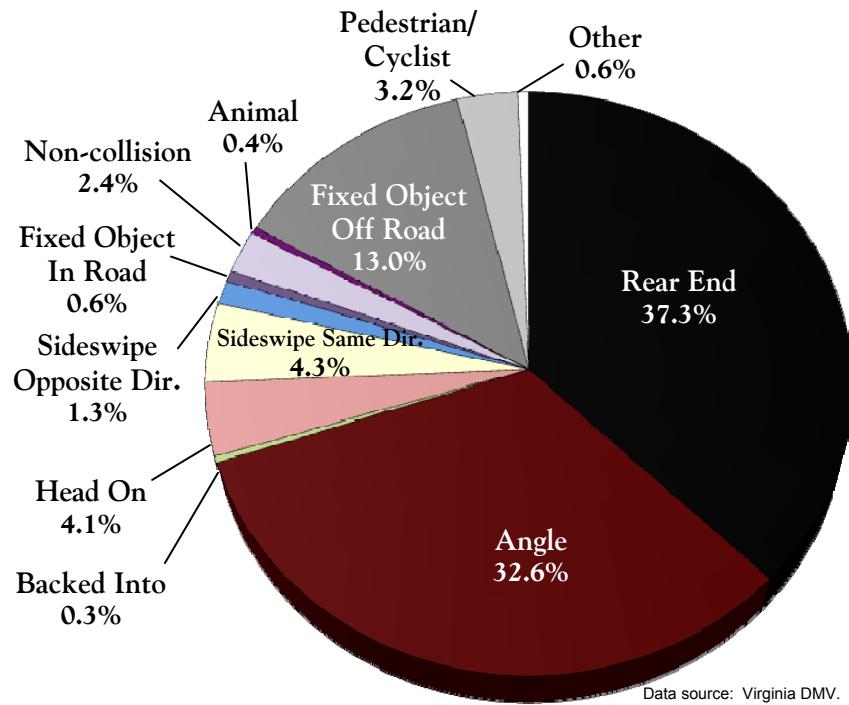
Hampton Roads had a higher crash injury rate in 2010 than the Roanoke, Northern Virginia, and Richmond metropolitan areas. At 0.90 injuries per million vehicle-miles of travel, the injury rate in Hampton Roads was more than 10% higher than the rate experienced in the other three metropolitan areas.

The crash injury rate in Hampton Roads, however, decreased at a higher rate (26%) than it decreased in the Richmond (22%) and Roanoke (14%) areas between 2004 and 2010. Among these four metropolitan areas, only Roanoke had a lower injury rate in 2010 than the statewide average of 0.75.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

HAMPTON ROADS INJURIES - CRASH TYPE

Hampton Roads Injuries by Crash Type, 2008-2010

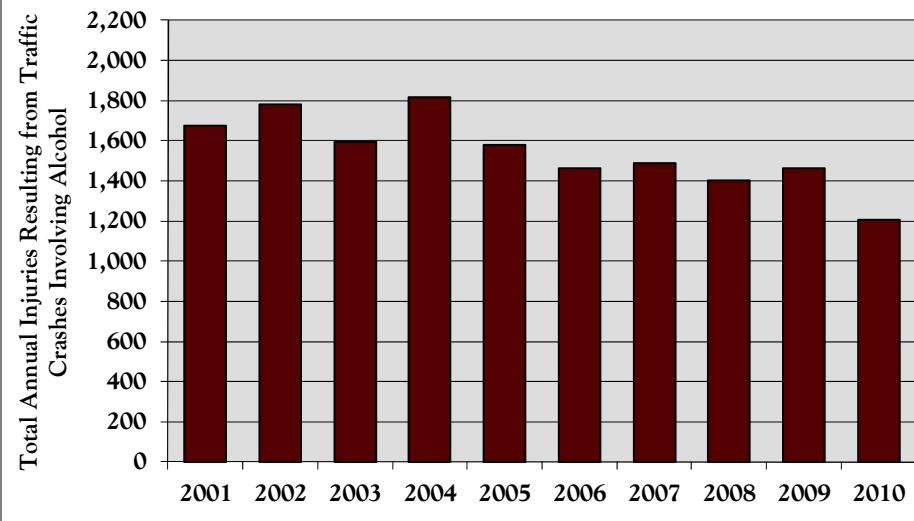


The primary crash types that resulted in injuries in Hampton Roads between 2008 and 2010 were rear end crashes (37.3%), angle crashes (32.6%), and fixed objects off the roadway surface crashes (13.0%). These were also the three most prevalent crash types in Hampton Roads during this time period.

Similar to Hampton Roads, the primary crash types statewide that resulted in injuries between 2008 and 2010 were rear end crashes (32.5%), angle crashes (30.2%), and fixed objects off the roadway surface crashes (19.8%).

HAMPTON ROADS ALCOHOL-RELATED INJURIES

Injuries Resulting from Traffic Crashes Involving Alcohol in Hampton Roads, 2001-2010



Data source: Virginia DMV.

* The Virginia Department of Motor Vehicles defines a traffic crash as being alcohol-related (or involving alcohol) when the police report indicates that a driver, pedestrian, or bicyclist had been drinking before the crash, regardless of the blood alcohol content (BAC).

Change in Alcohol Injuries 2004 to 2010

Hampton Roads	▼ 34%
Virginia	▼ 29%
United States	N/A
Northern Virginia	▼ 27%
Richmond	▼ 28%
Roanoke	▼ 25%

There were 1,204 injuries that resulted from traffic crashes that involved alcohol in Hampton Roads in 2010. Similar to the total number of crashes and injuries, the number of injuries in crashes involving alcohol has decreased since 2004. There were 614 fewer injuries that resulted from crashes involving alcohol in Hampton Roads in 2010 than in 2004, a 34% decrease.

Injuries resulting from crashes that involved alcohol comprised 9.0% of all traffic crash injuries in Hampton Roads in 2010. This rate is down from 10.2% of all injuries in 2004.

HAMPTON ROADS QUICK FATALITY FACTS

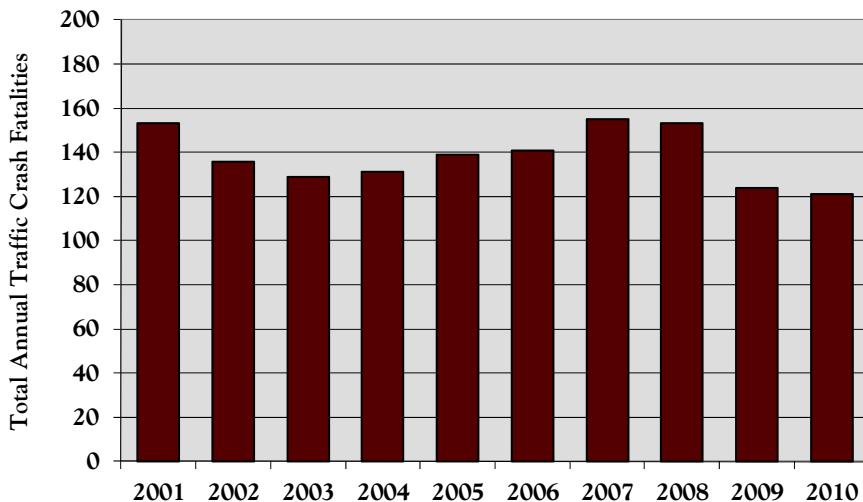
- ▶ There were **121 fatalities** resulting from traffic crashes in Hampton Roads in 2010. This comes out to an average of one fatality every three days throughout the region.
- ▶ The number of fatalities resulting from traffic crashes in Hampton Roads has **decreased 8%** from 2004, the year with the most crashes in the region.
- ▶ There were **0.89 fatalities per 100 million vehicle-miles of travel** in Hampton Roads in 2008-2010. This rate is down 13% from 1999-2001.
- ▶ The most common crash types leading to fatalities in Hampton Roads were fixed objects off the roadway and angle crashes between 2008 and 2010.
- ▶ The most common driver actions leading to fatal crashes in Hampton Roads between 2008 and 2010 were drivers being distracted/failing to maintain control of their vehicle and excessive speed.
- ▶ There were **45 fatalities that resulted from traffic crashes that involved alcohol** in Hampton Roads in 2010.

TRAFFIC CRASH FATALITIES

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Virginia Alcohol-Related Fatalities	

HAMPTON ROADS TRAFFIC CRASH FATALITIES

Hampton Roads Annual Traffic Crash Fatalities*, 2001-2010



Data source: Virginia DMV.

* A fatality traffic crash is defined by the Virginia Department of Motor Vehicles as any crash that caused the death of at least one driver, passenger, or pedestrian within 30 days of the crash as the result of injuries suffered in the crash.

Change in Annual Fatalities 2004 to 2010

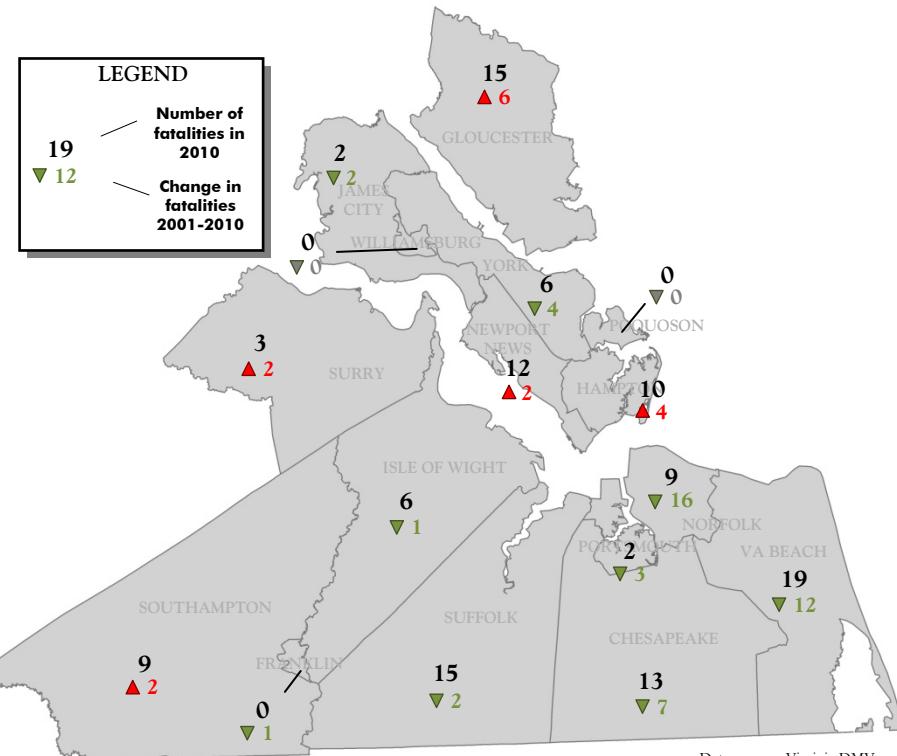
Hampton Roads	▼ 8%
Virginia	▼ 20%
United States	▼ 23%
Northern Virginia	▼ 31%
Richmond	▼ 17%
Roanoke	▼ 49%

There were 121 fatalities that resulted from traffic crashes in Hampton Roads in 2010, which is an average of one fatality every three days. This level of fatalities in Hampton Roads was lower than were experienced in any other year over the last decade.

The number of fatalities in Hampton Roads varied throughout the 2000s, and there were 8% fewer fatalities in the region in 2010 than in 2004. This decrease, however, is lower than the statewide and national decrease, and is also lower than the decrease in the other Virginia metropolitan areas.

TRAFFIC CRASH FATALITIES BY JURISDICTION

Traffic Crash Fatalities and Trends by Jurisdiction, 2001-2010



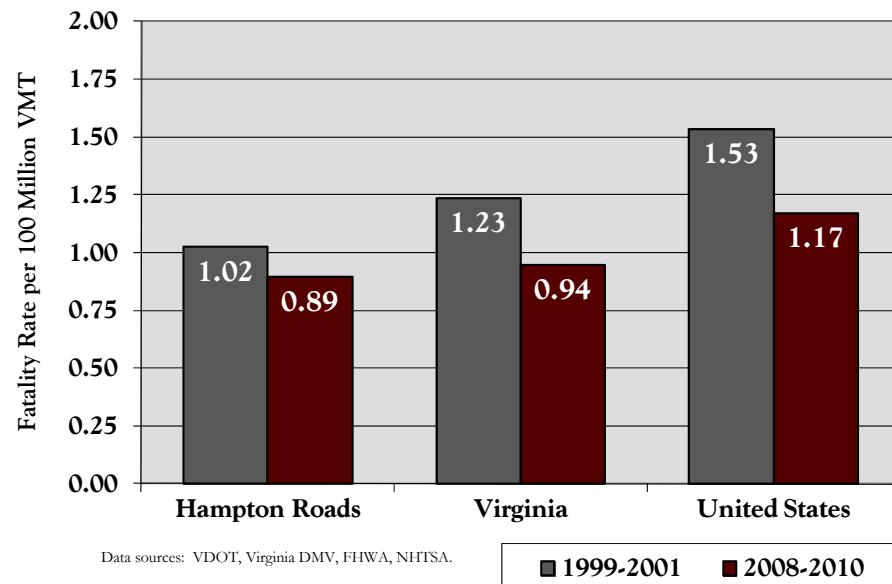
Data source: Virginia DMV.

Of the sixteen Hampton Roads jurisdictions, five experienced an increase in the number of traffic crash fatalities between 2001 and 2010. Gloucester experienced the largest increase with six more fatalities in 2010 than in 2001, and Hampton had four more fatalities during this period.

The majority of Hampton Roads jurisdictions experienced a decrease in the number of fatalities resulting from traffic crashes between 2001 and 2010. Norfolk experienced the largest decrease with sixteen fewer fatalities in 2010 than in 2001, and Virginia Beach had twelve fewer fatalities over this period.

HAMPTON ROADS FATALITY RATES

Traffic Crash Fatality Rates in Hampton Roads, Virginia, and the United States, 1999-2001 and 2008-2010



Change in Fatality Rates* 2004 to 2010

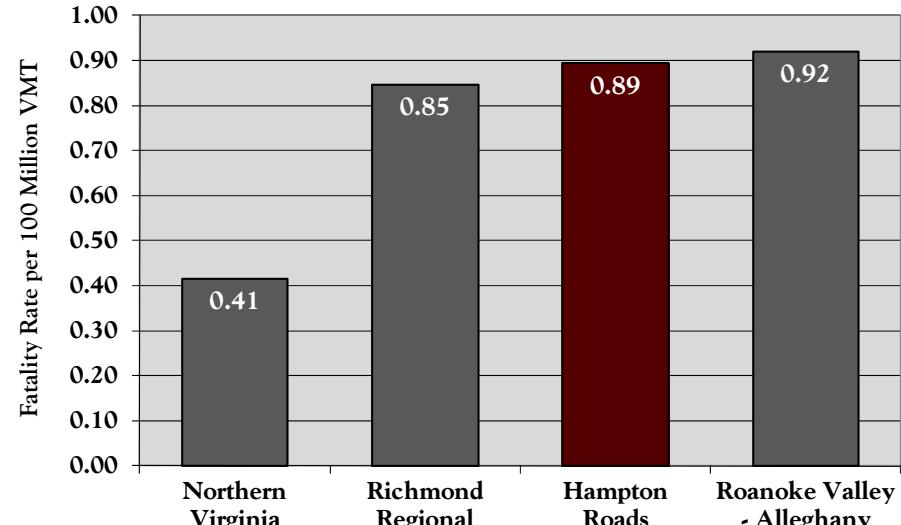
Hampton Roads	▼ 10%
Virginia	▼ 23%
United States	▼ 24%
Northern Virginia	▼ 38%
Richmond	▼ 21%
Roanoke	▼ 49%

There were 0.89 fatalities per 100 million vehicle-miles of travel (VMT) in Hampton Roads in the years 2008-2010. This rate decreased 13% from the rate seen in the years 1999-2001.

The fatality rate in Hampton Roads is lower than the Virginia and national fatality rates, but the fatality rate decrease over this period was lower in Hampton Roads than the national and statewide decrease.

VIRGINIA FATALITY RATES

Traffic Crash Fatality Rates in Selected Virginia Planning Districts, 2008-2010



Data sources: VDOT, Virginia DMV.

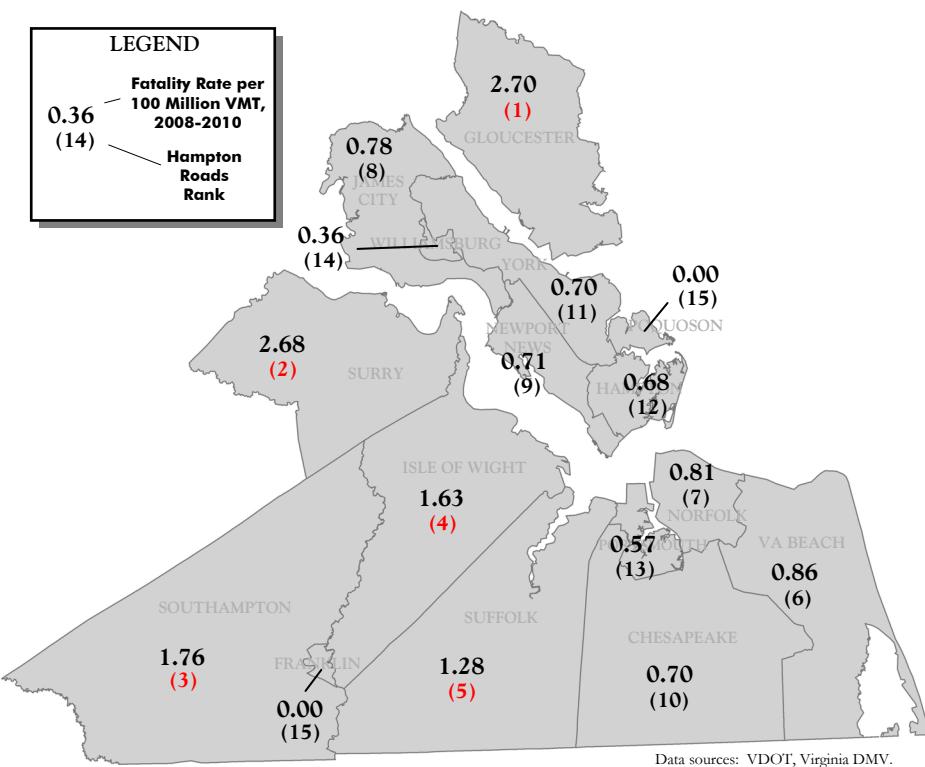
At 0.89 fatalities per 100 million vehicle-miles of travel in the years 2008-2010, Hampton Roads had a crash fatality rate that was more than twice the rate experienced in the Northern Virginia area.

The crash fatality rate in Hampton Roads, however, was slightly higher than the fatality rate experienced in the Richmond area and slightly lower than the fatality rate experienced in the Roanoke area in 2008-2010.

* Fatality rates are typically calculated for a period of at least three years. These charts in this section are only included as a comparison to the previous data.

FATALITY RATES BY JURISDICTION

Traffic Crash Fatality Rates by Jurisdiction, 2008-2010

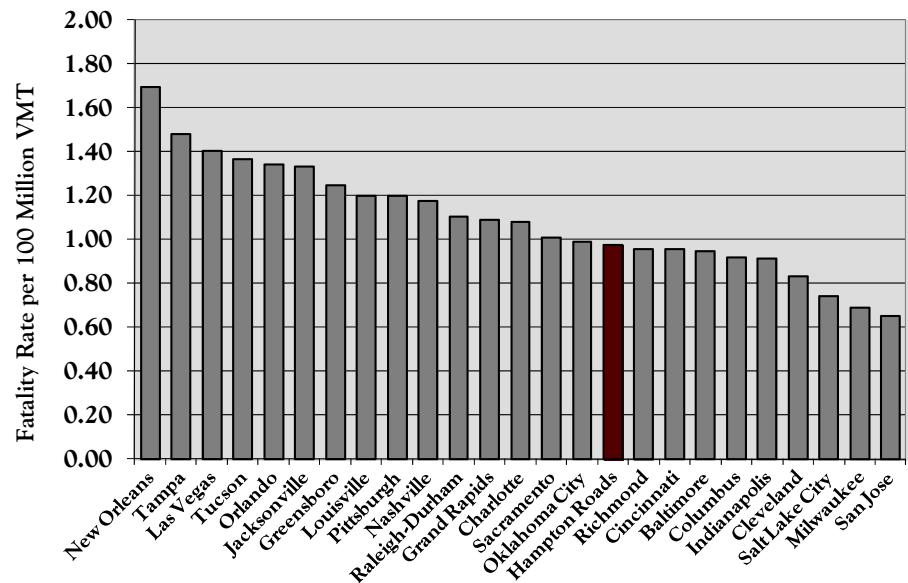


The more rural areas of Hampton Roads experienced a higher crash fatality rate per amount of roadway travel than the more urban areas in 2008-2010. This is not unusual; rural areas typically have higher crash fatality rates than urban areas due to a variety of factors including higher travel speeds, more roadways with substandard designs, lower seat belt usage rates, etc.

The Hampton Roads jurisdictions with the highest fatality rates per 100 million vehicle-miles of travel in 2008-2010 were Gloucester County, Surry County, Southampton County, Isle of Wight County, and Suffolk. The lowest rates were seen in Franklin and Poquoson (which both experienced zero fatalities during this period), Williamsburg, Portsmouth, and Hampton.

NATIONWIDE FATALITY RATES

Nationwide* Fatality Rates, 2007-2009



Data sources: FARS, Various state DOT and DMV websites.

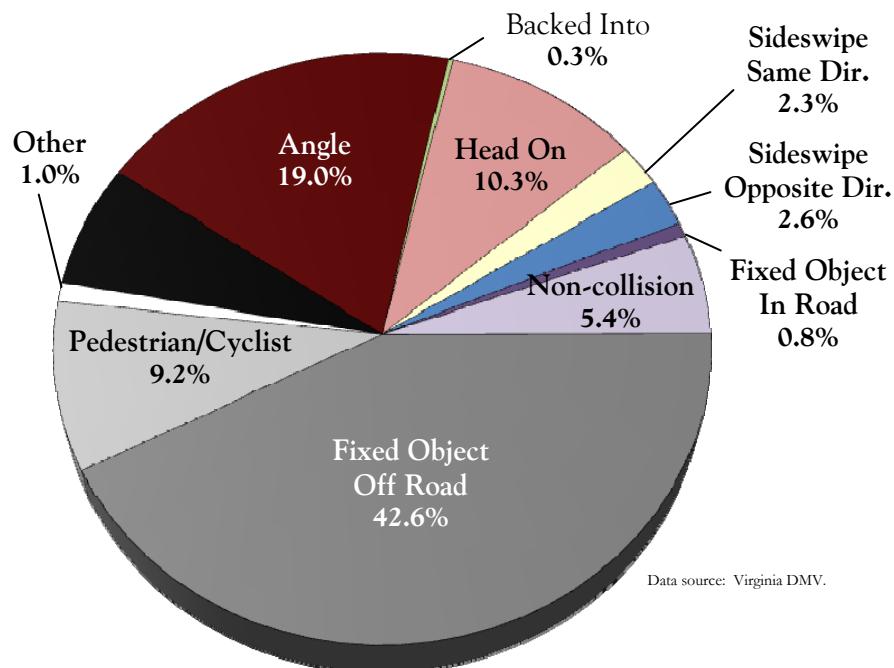
* Chart includes metropolitan areas with populations of between one million and three million people in 2009 where VMT data was readily available. 2010 metropolitan fatality data from FARS was not available at the time of this report.

There were 35 metropolitan areas throughout the United States with populations of between one and three million people in 2009. Of this total, 25 metropolitan areas have roadway travel data readily available. Among these 25 areas, Hampton Roads ranked 16th in terms of the fatality rate per 100 million vehicle-miles of travel in 2007-2009.

Many of the areas with higher fatality rates than Hampton Roads are located in areas with warm climates in the southwest and southeast, whereas many of the areas with lower fatality rates are older cities located in colder, more northern climates.

HAMPTON ROADS FATALITIES - CRASH TYPE

Hampton Roads Fatalities by Crash Type, 2008-2010

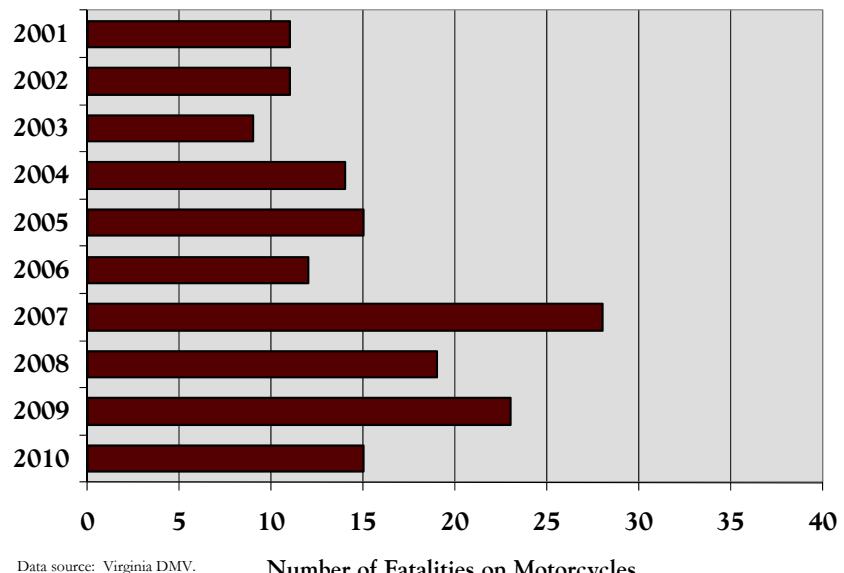


The most prevalent crash type resulting in fatalities in Hampton Roads between 2008 and 2010 was fixed object off the roadway surface crashes, causing more than two out of every five fatalities. This is despite only 15% of all crashes in Hampton Roads being fixed object crashes during this time period. Pedestrian/cyclist crashes are also highly represented, resulting in 9.2% of all fatalities in spite of comprising only 1.8% of all crashes.

Similar to Hampton Roads, fixed objects off the roadway surface crashes were the most prevalent crash type resulting in fatalities statewide between 2008 and 2010, causing 47.7% of all fatalities. Also similar to Hampton Roads, the next most prevalent crash types leading to fatalities statewide were angle crashes (16.2%), and head on crashes (10.8%).

HAMPTON ROADS FATALITIES - MOTORCYCLES

Hampton Roads Fatalities on Motorcycles, 2001-2010

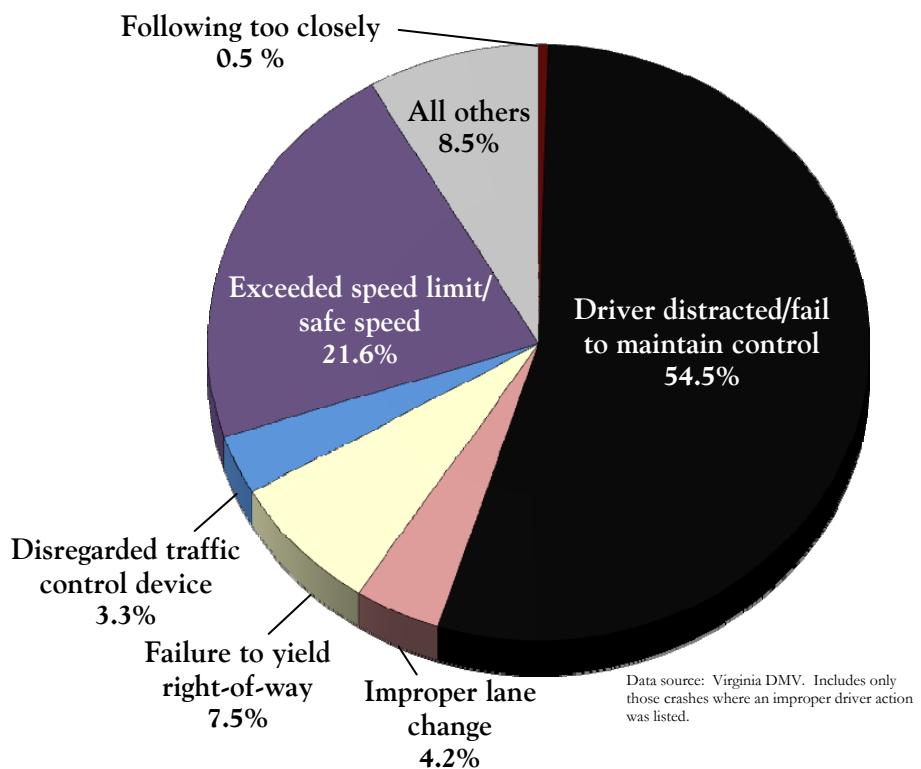


The number of fatalities on motorcycles far outpaces the amount of travel they represent. Between 2008 and 2010, 57 people were killed in Hampton Roads in crashes on motorcycles. This represents 14.3% of all fatalities that occurred in Hampton Roads. This is despite only 0.4% of roadway travel in Hampton Roads occurring on motorcycles during this time period. The percentage of motorcycle fatalities in Hampton Roads was higher than the statewide rate, which was 9.9% of all fatalities between 2008 and 2010.

This fatality rate for motorcycles is much higher than the rate for other motorized vehicles. The motorcycle fatality rate was 35.8 fatalities per 100 million vehicle-miles of travel in Hampton Roads from 2008 to 2010, as compared to 0.89 fatalities per 100 million VMT for all travel.

HAMPTON ROADS FATALITIES - DRIVER ACTION

Primary Driver Actions Leading to Traffic Fatalities in Hampton Roads, 2008-2010

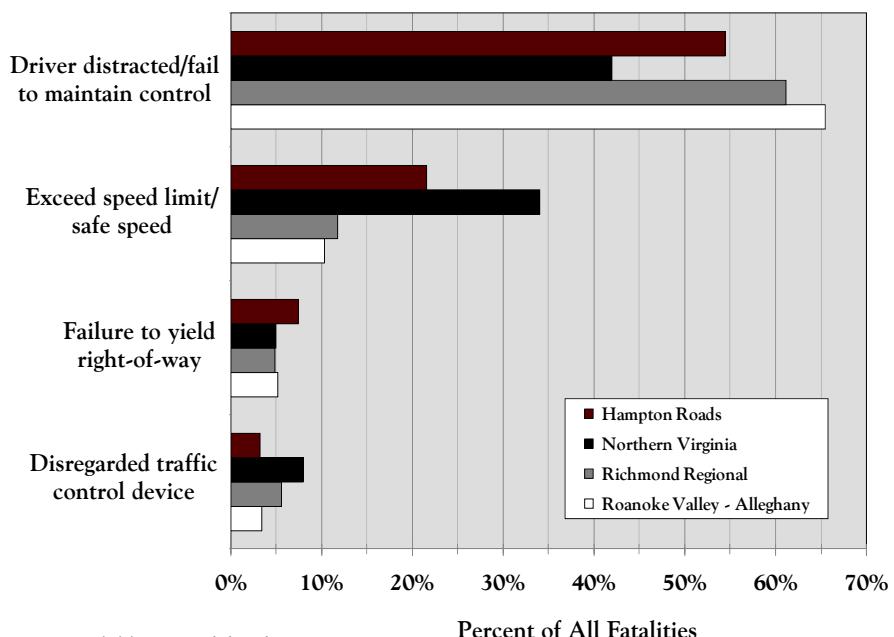


The most prevalent driver action leading to fatalities in Hampton Roads between 2008 and 2010 was drivers being distracted or failing to maintain control of their vehicles, with more than half of all fatalities resulting from this. Speeding was the second most prevalent driver action at 21.6% of all fatalities.

Similar to Hampton Roads, the most prevalent driver actions that resulted in fatalities statewide between 2008 and 2010 were drivers being distracted or failing to maintain control of their vehicles (59.5%) and speeding (17.0%).

VIRGINIA FATALITIES - DRIVER ACTION

Primary Driver Actions Leading to Traffic Fatalities in Selected Virginia Planning Districts, 2008-2010



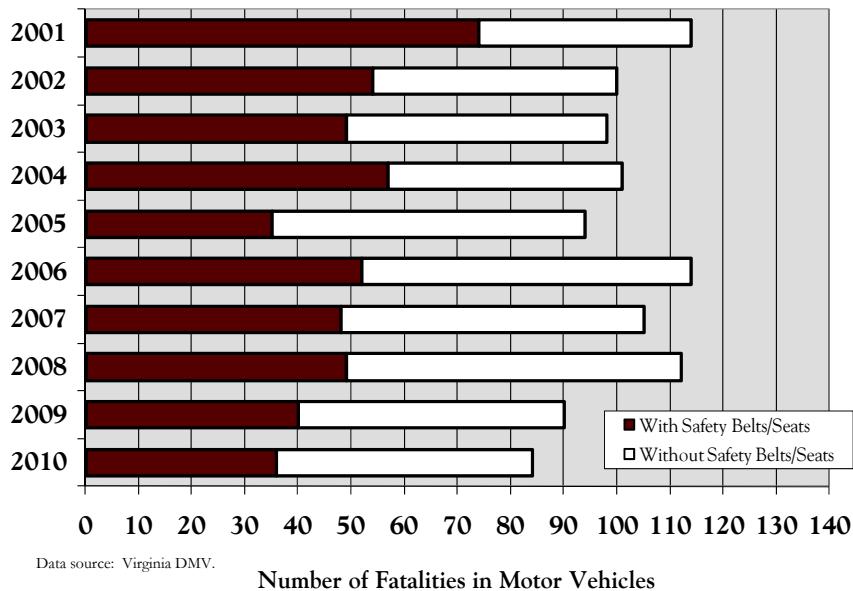
Data source: Virginia DMV. Includes only those crashes where an improper driver action was listed.

Fatalities resulting from drivers being distracted or failing to maintain control of their vehicles was the most prevalent driver action in all four of the selected Virginia metropolitan areas between 2008 and 2010. Speeding was also the second most prevalent driver action leading to fatalities in all four areas.

Similar to Hampton Roads, drivers being distracted or failing to maintain control of their vehicles led to more than half of the fatalities in the Richmond and Roanoke areas. In Northern Virginia, the percentage of fatalities resulting from speeding was much higher than in Hampton Roads and the other two areas.

HAMPTON ROADS FATALITIES - SAFETY BELTS

Hampton Roads Fatalities by Safety Belt Usage,
2001-2010



Change in Annual Fatalities Without Safety Belts 2004 to 2010

Hampton Roads	▲ 9%
Virginia	▼ 27%
United States	▼ 31%**
Northern Virginia	▼ 53%
Richmond	▲ 7%
Roanoke	▼ 69%

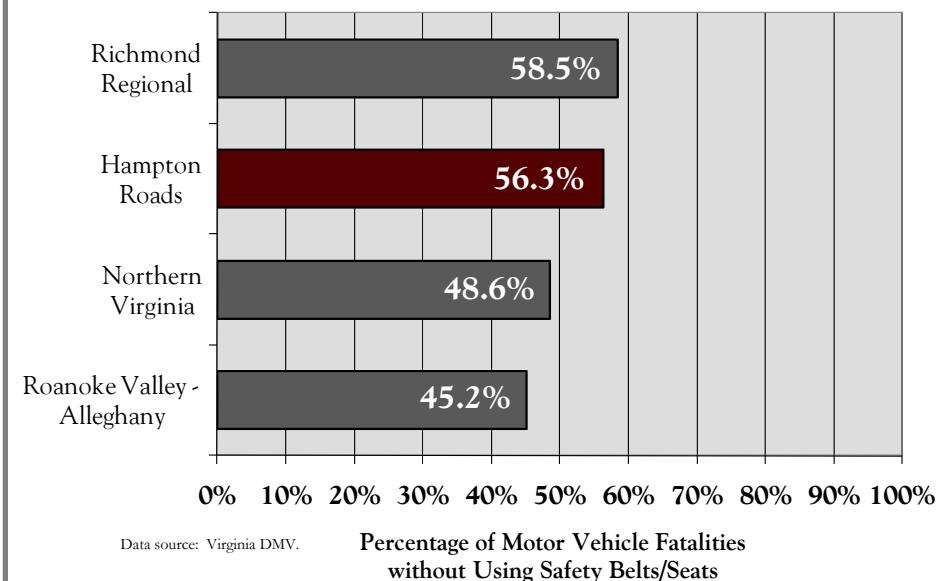
Of the 84 fatalities that occurred in motor vehicles in Hampton Roads in 2010, 48 (57%) of the persons killed were not wearing safety belts. This annual percentage varied between 35% and 63% in Hampton Roads over the last decade.

Statewide, 54% of the persons killed in motor vehicle crashes in 2010 were not wearing safety belts. Throughout the state and the nation, the number of people killed in motor vehicles that weren't wearing a seat belt has decreased over the last few years. This, however, is not the case in Hampton Roads.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

VIRGINIA FATALITIES - SAFETY BELTS

Percentage of Motor Vehicle Fatalities Where Those Killed were not Using Safety Belts in Selected Virginia Planning Districts,
2008-2010

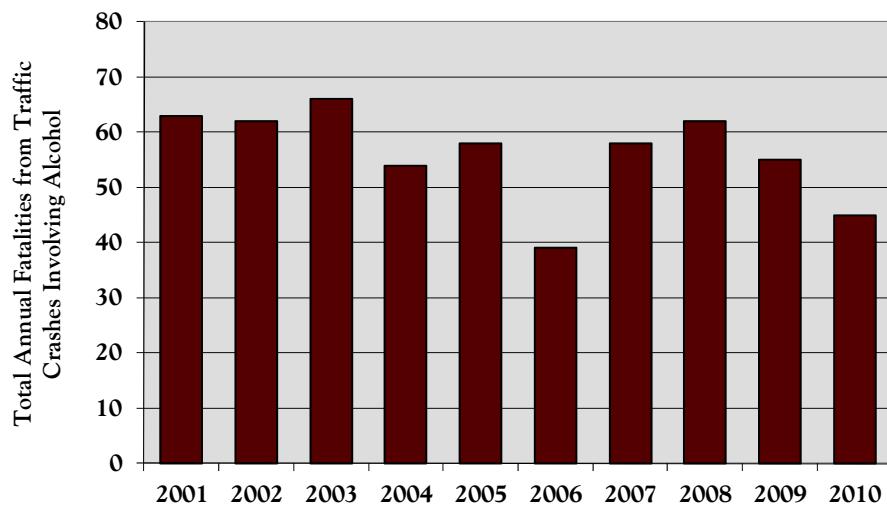


This percentage in Hampton Roads was higher than the percentage experienced in Northern Virginia (49%) and Roanoke (45%), but was lower than the percentage seen in the Richmond area (59%).

There were 286 fatalities that occurred in motorized vehicles in Hampton Roads between 2008 and 2010. Of these 286 fatalities, 161 of the people killed (56%) were not wearing a safety belt.

HAMPTON ROADS ALCOHOL-RELATED FATALITIES

Fatalities Resulting from Traffic Crashes Involving Alcohol in Hampton Roads, 2001-2010



Data source: Virginia DMV.

* The Virginia Department of Motor Vehicles defines a traffic crash as being alcohol-related (or involving alcohol) when the police report indicates that a driver, pedestrian, or bicyclist had been drinking before the crash, regardless of the blood alcohol content (BAC).

Change in Alcohol Fatalities 2004 to 2010

Hampton Roads	▼ 17%
Virginia	▼ 20%
United States	▼ 25%**
Northern Virginia	▼ 26%
Richmond	▼ 5%
Roanoke	▼ 71%

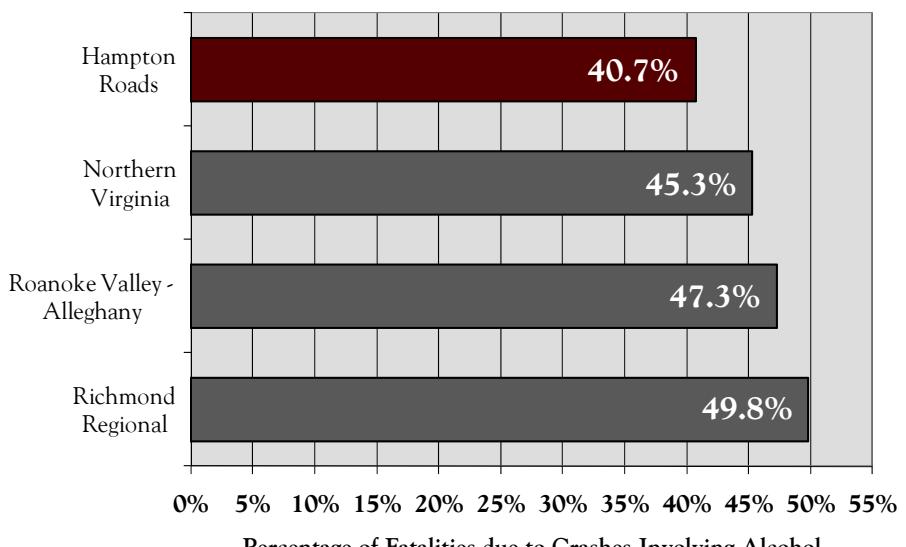
There were 45 fatalities that resulted from traffic crashes involving alcohol in Hampton Roads in 2010. This number of fatalities resulting from crashes involving alcohol fluctuated over the last decade, from a low of 39 fatalities in 2006 to a high of 66 fatalities in 2003.

Fatalities resulting from crashes that involved alcohol comprised 37% of all traffic crash fatalities in the region in 2010. This rate has also fluctuated, between a low of 28% in 2006 to a high of 51% in 2003.

** 2010 U.S. data not released at the time of the report. Data represents 2003-2009.

VIRGINIA ALCOHOL-RELATED FATALITIES

Percentage of Fatalities Due to Alcohol-Related Crashes in Selected Virginia Planning Districts, 2008-2010



Data source: Virginia DMV.

* The Virginia Department of Motor Vehicles defines a traffic crash as being alcohol-related (or involving alcohol) when the police report indicates that a driver, pedestrian, or bicyclist had been drinking before the crash, regardless of the blood alcohol content (BAC).

Between 2008 and 2010, more than 40% of all fatalities in Hampton Roads occurred in crashes that involved alcohol. This percentage of fatalities occurring in alcohol-related crashes was lower in Hampton Roads than in the Northern Virginia, Roanoke, and Richmond metropolitan areas. In Richmond, nearly half of all fatalities resulted from alcohol-related crashes between 2008 and 2010.

APPENDICES

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SAFETY LAWS IN VIRGINIA

According to Advocates for Highway and Auto Safety, which is an alliance of consumer, insurance, and health and safety groups that aims to improve roadway safety throughout the country, there are fifteen traffic safety laws that help reduce motor vehicle deaths and injuries. This list of fifteen traffic safety laws was produced based on government and private research, crash data, and experiences among each state. These fifteen laws are grouped among those that regulate adult occupant protection, child passenger safety, teen driving, impaired driving, and distracted driving.

Of these fifteen laws that the group recommends, Virginia currently meets or exceeds only six of these laws. 46 states and the District of Columbia currently meet or exceed more of these safety laws than the State of Virginia. None of Virginia's six neighboring states/districts meet or exceed fewer of these safety laws.

Safety Laws That Help Reduce Motor Vehicle Deaths/Injuries

Source: Advocates for Highway and Auto Safety

Safety Law	Description	Law in VA?	# states with law
Primary Enforcement Seat Belt Law	Allows law enforcement to stop and ticket someone when they see a violation of the seat belt law.	NO	32
All-Rider Motorcycle Helmet Law	Requires all motorcycle riders, regardless of age, to use a helmet.	YES	21
Booster Seat Law	Requires, at a minimum, that children ages 4 through 7 be placed in a child restraint system.	YES	28
Minimum Age 16 for Learner's Permit	A beginning teen driver must be a minimum of 16 years of age to receive a learner's permit.	NO	9
Learner's Stage: 6 Month Holding Period	A beginning teen driver must be supervised by an adult licensed driver at all times. If citation-free for 6 months, they can proceed to the intermediate stage.	YES	47
Learner's Stage: 30-50 Hours Supervised	A beginning teen driver must receive at least 30-50 hours of behind-the-wheel training with an adult licensed driver during the learner's stage.	YES	39
Intermediate Stage: Nighttime Restriction	Prohibits unsupervised nighttime driving during the learner's permit and intermediate stages.	NO	10
Intermediate Stage: Passenger Restriction	Limits the number of teenage passengers that can ride with a teen driver without adult supervision.	NO	30
Teen Cell Phone Restriction	Prohibits the use of all cellular devices except in an emergency during the learner's permit and intermediate stages.	NO	22
Age 18 for Full Licensure	Teen drivers are prohibited from obtaining an unrestricted license before a minimum of 18 years of age.	YES	13
Ignition Interlock Devices	Mandates the installation of ignition interlock devices on the vehicles of all drunk driving offenders.	NO	13
Impaired Driving – Child Endangerment	Creates a separate offense or enhances an existing penalty for impaired driving that endangers a minor.	YES	46
Mandatory BAC Test for Drivers in Fatal Crashes	Requires any driver involved in a fatal crash (both those who were killed and those who survived) to have their Blood Alcohol Content (BAC) tested.	NO	26
Open Container Law	Prohibits open containers of alcoholic beverages in the passenger area of a motor vehicle.	NO	40
All-Driver Text Messaging Restriction	Restricts all drivers from text messaging except in an emergency and allows law enforcement to stop and ticket those in violation of this law (primary enforcement).	NO	27

STRATEGIC HIGHWAY SAFETY PLAN

The Strategic Highway Safety Plan is a statewide, coordinated safety plan that provides a comprehensive framework for reducing highway fatalities and serious injuries on all public roadways. Each state must have a Strategic Highway Safety Plan based on federal requirements that were created in the SAFETEA-LU legislation in 2005. Strategic Highway Safety Plans address the four E's of transportation safety - Engineering, Education, Enforcement and Emergency Medical Services.

The first Virginia Strategic Highway Safety Plan was produced in 2006, and details efforts to improve traffic safety throughout Virginia. The plan instituted a statewide transportation safety charter and committee and established statewide goals for reducing annual deaths from motor vehicle crashes by 100 and annual injuries by 4,000 within five years.

The 2006 Strategic Highway Safety Plan identified the top measures to reduce injuries and fatalities in Virginia as:

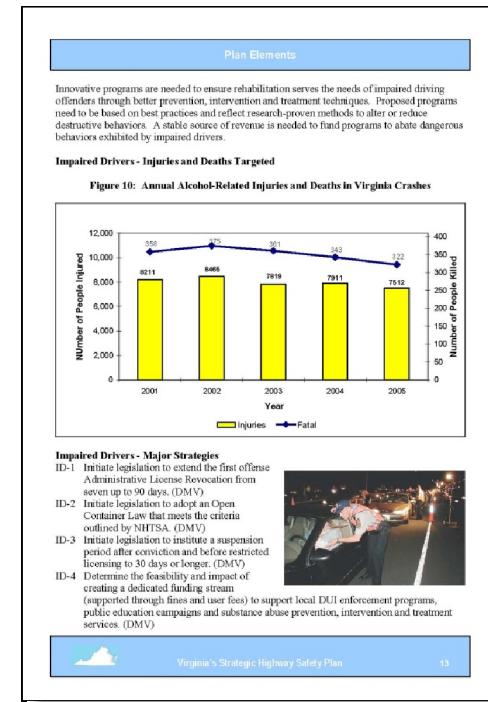
- Focus on young drivers, aggressive drivers, impaired drivers and seat belt use through legislation, education, enforcement, and adjudication.
- Improve intersection safety for all users in congested areas.
- Keep drivers on the roadway and minimize consequences if they depart.
- Incorporate transportation safety planning into all levels of government.
- Improve the traffic records system to be more accurate and timely.

VDOT is currently updating the Virginia Strategic Highway Safety Plan with the assistance of various stakeholders, including the Department of Motor Vehicles, Department of Education, Department of Health, and State Police. The updated Strategic Highway Safety Plan is expected to be released early in 2012.

More information on the Virginia Strategic Highway Safety Plan is available at <http://www.virginiadot.org/info/hwysafetyplan.asp>.



Image source: VDOT



HAMPTON ROADS CRASH DATA

Hampton Roads Crashes by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	3,007	3,063	3,331	3,281	3,251	3,373	3,193	3,104	3,141	3,274	3,594	3,652	3,442	3,364	2,977	2,521	2,394	-22.9%
Franklin	106	81	76	136	120	117	107	110	74	75	47	98	97	82	50	53	81	-26.4%
Gloucester	478	475	470	469	529	533	490	466	494	505	475	419	440	461	436	428	352	-24.5%
Hampton	3,094	3,288	3,210	3,271	2,950	3,059	3,050	3,158	3,663	4,115	3,862	3,875	3,488	3,225	3,173	2,823	2,794	-11.5%
Isle of Wight	457	492	519	480	526	488	517	516	568	567	592	586	595	528	538	439	349	-32.4%
James City	494	482	532	582	552	518	499	513	558	656	703	759	726	608	660	698	36.1%	
Newport News	3,815	3,759	3,890	3,887	3,964	3,998	3,867	3,750	3,861	3,900	4,211	4,160	4,258	4,034	3,630	3,219	2,901	-22.6%
Norfolk	6,226	6,348	6,051	5,892	5,855	5,779	5,542	5,359	5,705	5,810	5,703	5,749	5,400	5,092	4,868	4,270	4,137	-22.8%
Poquoson	74	57	75	95	87	76	80	93	91	81	86	83	94	103	68	79	54	-41.9%
Portsmouth	1,868	1,710	1,701	1,796	1,624	1,778	1,729	1,691	1,928	2,061	2,036	1,718	1,753	1,294	868	510	360	-78.7%
Southampton	406	370	350	303	327	333	320	314	277	376	410	296	321	274	312	297	220	-29.9%
Suffolk	1,197	1,148	1,177	1,214	1,283	1,324	1,204	1,337	1,379	1,566	1,678	1,618	1,742	1,844	1,590	1,374	1,216	-9.1%
Surry	106	112	119	100	138	117	113	111	107	115	117	141	139	127	133	112	140	26.1%
Virginia Beach	7,845	7,487	7,524	7,195	7,591	7,837	7,679	7,788	8,478	8,653	8,324	8,292	8,268	7,823	7,258	6,301	6,463	-17.0%
Williamsburg	278	250	270	222	220	238	185	215	222	204	186	186	171	236	181	141	160	-25.6%
York	808	854	854	866	907	894	857	868	896	1,089	1,137	1,053	1,052	1,063	909	778	823	-5.2%
Hampton Roads	30,259	29,976	30,149	29,789	29,924	30,462	29,432	29,393	31,442	33,047	33,108	32,629	32,019	30,276	27,599	24,005	23,142	-21.3%
Virginia	126,637	127,126	131,088	129,980	136,138	139,573	141,650	144,585	147,737	154,848	153,907	153,849	151,692	145,405	135,282	116,744	116,386	-19.5%
HR % of state	23.9%	23.6%	23.0%	22.9%	22.0%	21.8%	20.8%	20.3%	21.3%	21.5%	21.2%	21.1%	20.8%	20.4%	20.6%	19.9%		
United States	6,496,000	6,699,000	6,770,000	6,624,000	6,335,000	6,279,000	6,394,000	6,323,000	6,316,000	6,289,000	6,143,000	6,159,000	5,974,000	6,024,000	5,811,000	5,505,000	N/A	

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV.

Hampton Roads Fatalities by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	20	21	13	21	26	10	12	20	19	17	13	21	26	25	15	18	13	-35.0%
Franklin	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	-100.0%
Gloucester	7	5	4	4	5	2	3	9	5	4	3	7	11	5	12	4	15	66.7%
Hampton	10	3	10	5	4	13	5	6	10	9	14	3	8	11	14	5	10	66.7%
Isle of Wight	8	4	11	7	12	9	6	7	5	7	7	6	10	11	9	6	6	-14.3%
James City	4	2	4	7	6	4	7	4	6	5	6	8	7	4	9	4	2	-50.0%
Newport News	11	16	16	15	16	11	11	10	11	13	12	13	8	13	9	13	12	20.0%
Norfolk	17	24	17	27	20	24	22	25	10	15	13	15	18	10	19	24	9	-64.0%
Poquoson	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Portsmouth	8	5	9	11	12	7	4	5	9	7	11	1	5	2	4	5	2	-60.0%
Southampton	14	13	13	9	7	8	8	7	3	4	8	10	8	10	4	7	9	28.6%
Suffolk	14	9	12	8	24	13	13	17	20	8	16	8	12	26	17	8	15	-11.8%
Surry	2	3	4	4	4	1	6	1	1	2	1	4	2	4	2	0	3	200.0%
Virginia Beach	25	20	31	24	20	24	24	31	27	27	22	31	22	25	31	27	19	-38.7%
Williamsburg	1	0	0	0	2	1	0	0	1	0	0	0	0	0	0	1	0	-
York	11	17	0	8	11	3	9	10	9	11	5	12	4	8	8	2	6	-40.0%
Hampton Roads	152	142	145	150	169	130	132	153	136	129	131	139	141	155	153	124	121	-20.9%
Virginia	925	900	869	981	934	877	930	935	913	942	922	946	961	1,026	821	756	740	-20.9%
HR % of state	16.4%	15.8%	16.7%	15.3%	18.1%	14.8%	14.2%	16.4%	14.9%	13.7%	14.2%	14.7%	14.7%	15.1%	18.6%	16.4%	16.4%	
United States	40,716	41,817	42,065	42,013	41,501	41,717	41,945	42,196	43,005	42,884	42,836	43,510	42,708	41,259	37,423	33,808	32,788	-22.3%

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV.

Hampton Roads Injuries by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	2,189	2,182	2,425	2,356	2,281	2,397	2,198	2,162	2,095	2,106	2,279	2,167	2,084	2,126	1,924	1,566	1,483	-31.4%
Franklin	71	48	43	65	85	74	59	51	31	37	14	64	49	36	32	14	51	0.0%
Gloucester	432	423	403	400	447	430	396	347	407	365	360	317	327	345	355	333	288	-17.0%
Hampton	2,150	2,095	2,130	2,127	1,922	1,926	1,833	1,914	1,963	1,961	1,677	1,785	1,465	1,349	1,530	1,505	1,419	-25.9%
Isle of Wight	416	419	451	422	372	421	382	381	370	354	341	395	311	306	330	315	221	-42.0%
James City	363	377	348	350	337	313	324	366	383	385	384	403	375	373	323	451	623	70.2%
Newport News	2,830	2,604	2,728	2,573	2,584	2,492	2,241	2,212	2,287	2,279	2,532	2,418	2,235	1,844	1,965	1,894	1,755	-20.7%
Norfolk	4,154	4,123	3,600	3,633	3,400	3,137	3,008	2,906	3,062	3,053	2,951	2,664	2,624	2,246	2,448	2,506	2,417	-16.8%
Poquoson	30	21	42	50	34	41	25	58	54	35	30	35	40	37	23	43	39	-32.8%
Portsmouth	1,401	1,353	1,357	1,403	1,301	1,338	1,269	1,111	1,209	1,274	1,265	942	871	648	485	334	199	-82.1%
Southampton	347	338	320	271	255	266	284	260	219	262	263	239	243	209	205	166	155	-40.4%
Suffolk	1,135	1,111	1,078	1,046	1,109	995	880	1,006	941	1,033	1,066	1,010	1,106	921	787	877	787	-21.8%
Surry	86	87	85	71	94	84	68	69	60	59	66	84	69	58	76	103	67	-2.9%
Virginia Beach	5,024	4,685	4,362	4,220	4,360	4,431	4,241	4,057	4,009	4,066	3,771	3,705	3,563	3,347	3,345	3,342	3,376	-16.8%
Williamsburg	132	142	133	127	95	121	103	108	103	119	99	99	94	95	99	76	93	-13.9%
York	616	631	586	553	658	545	549	555	592	677	717	672	570	554	538	479	476	-14.2%
Hampton Roads	21,376	20,639	20,091	19,667	19,334	19,011	17,860	17,563	17,785	18,065	17,815	16,999	16,026	14,494	14,465	14,004	13,449	-23.4%
Virginia	82,146	82,400	82,363	81,866	81,221	81,204	79,806	80,187	78,896	78,842	78,487	76,023	73,348	68,822	69,130	62,976	61,418	-23.4%
HR % of state	26.0%	25.0%	24.4%	24.0%	23.8%	23.4%	22.4%	21.9%	22.5%	22.9%	22.7%	22.4%	21.8%	21.1%	20.9%	22.2%	21.9%	
United States	3,266,000	3,465,000	3,483,000	3,348,000	3,192,000	3,236,000	3,189,000	3,033,000	2,926,000	2,889,000	2,788,000	2,699,000	2,575,000	2,491,000	2,346,000	2,217,000	N/A	

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV.

Hampton Roads Alcohol-Related Crashes by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	275	247	268	256	230	244	234	246	273	259	234	258	253	294	237	240	168	-31.7%
Franklin	7	6	7	8	8	5	8	7	3	7	2	6	10	8	4	2	2	-71.4%
Gloucester	55	58	49	46	46	51	45	51	56	52	57	44	43	50	51	53	36	-29.4%
Hampton	277	275	249	271	254	212	204	230	232	255	269	261	249	236	227	216	216	-6.1%
Isle of Wight	69	54	56	62	51	73	60	69	76	64	60	62	60	53	71	49	39	-43.5%
James City	53	42	40	46	40	36	41	43	42	41	41	61	45	50	46	113	51	18.6%
Newport News	324	312	283	297	311	266	253	257	278	227	282	271	267	236	229	217	146	-43.2%
Norfolk	619	570	521	515	456	435	394	399	463	454	414	418	383	414	301	317	271	-32.1%
Poquoson	10	3	4	11	9	4	5	9	4	8	8	8	4	9	9	8	5	-44.4%
Portsmouth	224	167	169	156	136	155	134	111	158	148	181	144	155	122	61	42	24	-78.4%
Southampton	60	54	40	37	47	47	43	33	32	41	35	34	28	24	22	36	17	-48.5%
Suffolk	128	138	134	115	119	124	114	117	107	81	125	114	129	126	130	204	78	-33.3%
Surry	23	17	21	16	13	16	16	14	13	18	11	22	10	17	8	5	6	-57.1%
Virginia Beach	739	698	656	622	579	659	583	624	689	667	780	700	738	630	612	489	508	-18.6%
Williamsburg	15	15	15	11	9	11	9	14	12	14	14	9	11	11	15	4	10	-28.6%
York	83	69	81	71	78	72	71	78	64	56	71	84	69	76	70	58	66	-15.4%
Hampton Roads	2,961	2,725	2,593	2,540	2,386	2,410	2,214	2,302	2,502	2,392	2,584	2,496	2,454	2,356	2,093	2,053	1,643	-28.6%
Virginia	11,997	11,400	11,220	11,340	11,027	10,942	11,085	11,265	11,788	11,388	11,504	11,495	11,736	11,215	10,294	9,366	8,221	-27.0%
HR % of state	24.7%	23.9%	23.1%	22.4%	21.6%	22.0%	20.0%	20.4%	21.2%	21.0%	22.5%	21.7%	20.9%	21.0%	20.3%	21.9%	20.0%	
United States	390,000	470,000	460,000	470,000	438,000	457,000	508,000	438,000	N/A	N/A	N/A							

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV. United States data not available after 2001.

Hampton Roads Alcohol-Related Fatalities by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	9	4	6	1	8	3	5	10	7	6	3	9	3	7	2	7	3	-70.0%
Franklin	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	-
Gloucester	4	2	1	2	3	1	1	4	3	2	2	2	4	2	9	1	6	50.0%
Hampton	6	1	4	0	4	5	2	4	8	5	10	1	3	5	5	3	4	0.0%
Isle of Wight	3	2	4	3	3	3	1	3	1	6	3	1	5	2	3	3	3	0.0%
James City	2	1	1	0	0	4	2	1	2	1	2	2	1	0	3	4	1	0.0%
Newport News	4	10	5	5	4	5	2	2	5	9	3	7	0	4	4	3	4	100.0%
Norfolk	11	11	9	4	5	9	7	8	5	6	5	7	0	6	11	11	6	-25.0%
Poquoson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Portsmouth	4	2	3	5	6	1	2	3	6	6	3	0	1	2	1	2	1	-66.7%
Southampton	6	2	3	1	3	4	4	3	1	2	4	5	2	2	0	2	4	33.3%
Suffolk	6	4	5	4	9	2	2	6	8	1	5	6	3	10	5	4	1	-83.3%
Surry	2	1	3	1	1	1	3	0	0	0	0	2	0	1	1	0	0	-
Virginia Beach	9	7	12	9	6	14	11	16	13	17	11	10	15	14	16	15	8	-50.0%
Williamsburg	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	-
York	4	6	0	3	3	2	3	3	3	5	3	6	2	2	2	0	4	33.3%
Hampton Roads	71	53	56	38	56	54	47	63	62	66	54	58	39	58	62	55	45	-28.6%
Virginia	376	360	346	302	336	364	355	358	375	361	343	322	374	378	354	316	274	-23.5%
HR % of state	18.9%	14.7%	16.2%	12.6%	16.7%	14.8%	13.2%	17.6%	16.5%	18.3%	15.7%	18.0%	10.4%	15.3%	17.5%	17.4%	16.4%	
United States	17,308	17,732	17,749	16,711	16,673	16,572	17,380	17,448	17,524	17,105	16,919	17,590	17,738	17,158	15,438	12,744	N/A	

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV.

Hampton Roads Alcohol-Related Injuries by Jurisdiction, 1994-2010

Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	% change 2001-2010
Chesapeake	274	179	237	235	196	208	210	204	232	188	207	192	139	232	194	172	161	-21.1%
Franklin	3	2	2	8	6	8	5	3	3	3	2	3	1	5	3	1	1	-66.7%
Gloucester	53	62	54	33	50	36	45	46	56	53	59	37	37	40	64	49	25	-45.7%
Hampton	226	198	217	218	192	163	157	168	128	172	119	158	121	118	137	142	115	-31.5%
Isle of Wight	65	41	60	75	31	83	59	64	65	52	42	53	43	32	60	47	33	-48.4%
James City	48	33	32	28	25	25	48	34	52	33	29	24	25	44	31	80	45	32.4%
Newport News	299	281	271	230	241	218	177	188	213	153	223	173	187	178	150	165	116	-38.3%
Norfolk	511	475	416	403	360	318	270	267	305	272	311	231	221	259	177	249	201	-24.7%
Poquoson	6	1	4	7	6	2	2	6	4	4	4	4	3	3	9	3	7	16.7%
Portsmouth	201	137	180	129	114	140	125	77	99	109	122	82	91	65	38	24	17	-77.9%
Southampton	52	59	36	43	33	45	38	25	32	24	30	40	34	25	22	28	9	-64.0%
Suffolk	121	144	117	126	122	111	112	99	113	74	117	97	107	92	88	149	75	-24.2%
Surry	23	13	14	18	13	15	7	11	5	10	8	17	6	9	8	6	2	-81.8%
Virginia Beach	590	597	536	489	417	447	399	414	422	395	472	396	393	341	375	305	345	-16.7%
Williamsburg	3	9	13	5	3	4	3	8	6	10	14	2	8	6	8	2	5	-37.5%
York	68	45	64	48	71	57	57	60	45	42	59	71	46	42	37	40	47	-21.7%
Hampton Roads	2,543	2,276	2,253	2,095	1,880	1,880	1,714	1,674	1,780	1,594	1,818	1,580	1,462	1,491	1,401	1,462	1,204	-28.1%
Virginia	10,258	9,381	9,083	9,124	8,555	8,359	8,251	8,211	8,465	7,819	7,911	7,512	7,543	7,130	7,000	6,256	5,578	-32.1%
HR % of state	24.8%	24.3%	24.8%	23.0%	22.0%	22.5%	20.8%	20.4%	21.0%	20.4%	23.0%	21.0%	19.4%	20.9%	20.0%	23.4%	21.6%	
United States	297,000	300,000	321,000	327,000	305,000	308,000	310,000	275,000	258,000	275,000	248,000	254,000	N/A	N/A	N/A	N/A		

Data sources: National Highway Traffic Safety Administration (NHTSA), Virginia DMV. United States data not available after 2005.