

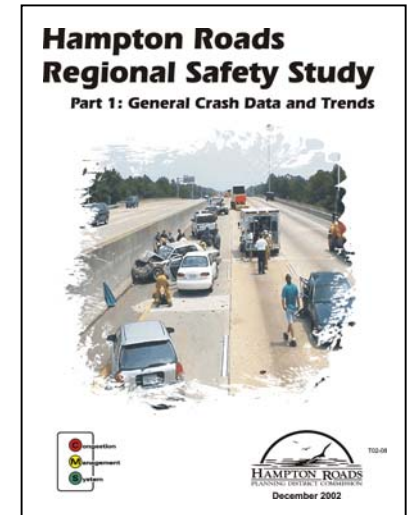
GENERAL CRASH DATA AND TRENDS

Presented by:
Dwight L. Farmer, PE
Deputy Executive Director, Transportation

Metropolitan Planning Organization
April 19, 2006

INTRODUCTION

- In 2001 HRPDC initiated the Hampton Roads Regional Safety Study.
- Roadway safety and safety conscious planning have taken on a more prominent role both locally and nationally.
- This report updates the General Crash Data and Trends portion of the Regional Safety Study.

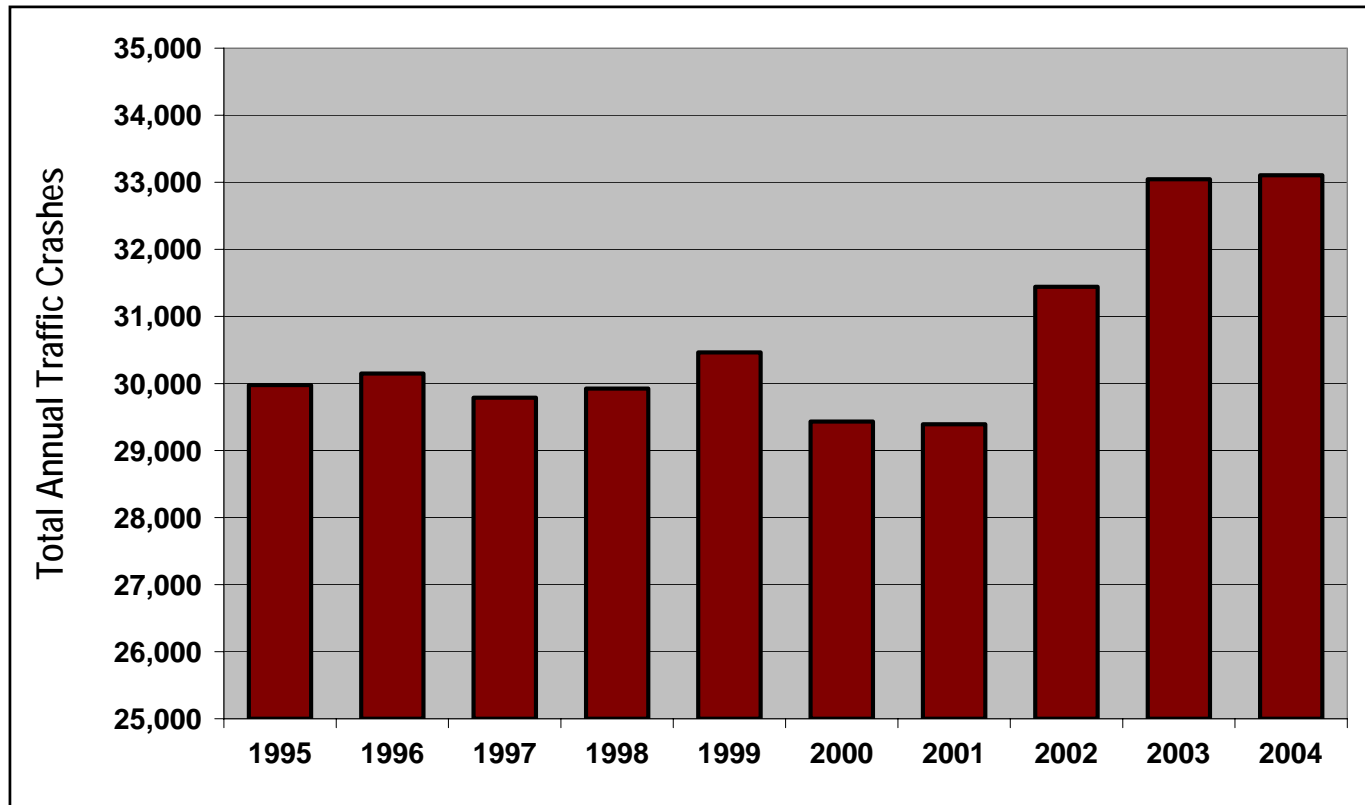


PRESENTATION OUTLINE

- **Regional crash, injury, and fatality trends**
- **Jurisdictional crash and fatality trends**
- **Crash and fatality rates**
- **Driver actions**
- **Alcohol-related crashes and fatalities**
- **Summary**

TRAFFIC CRASHES

Hampton Roads Annual Traffic Crashes*, 1995-2004

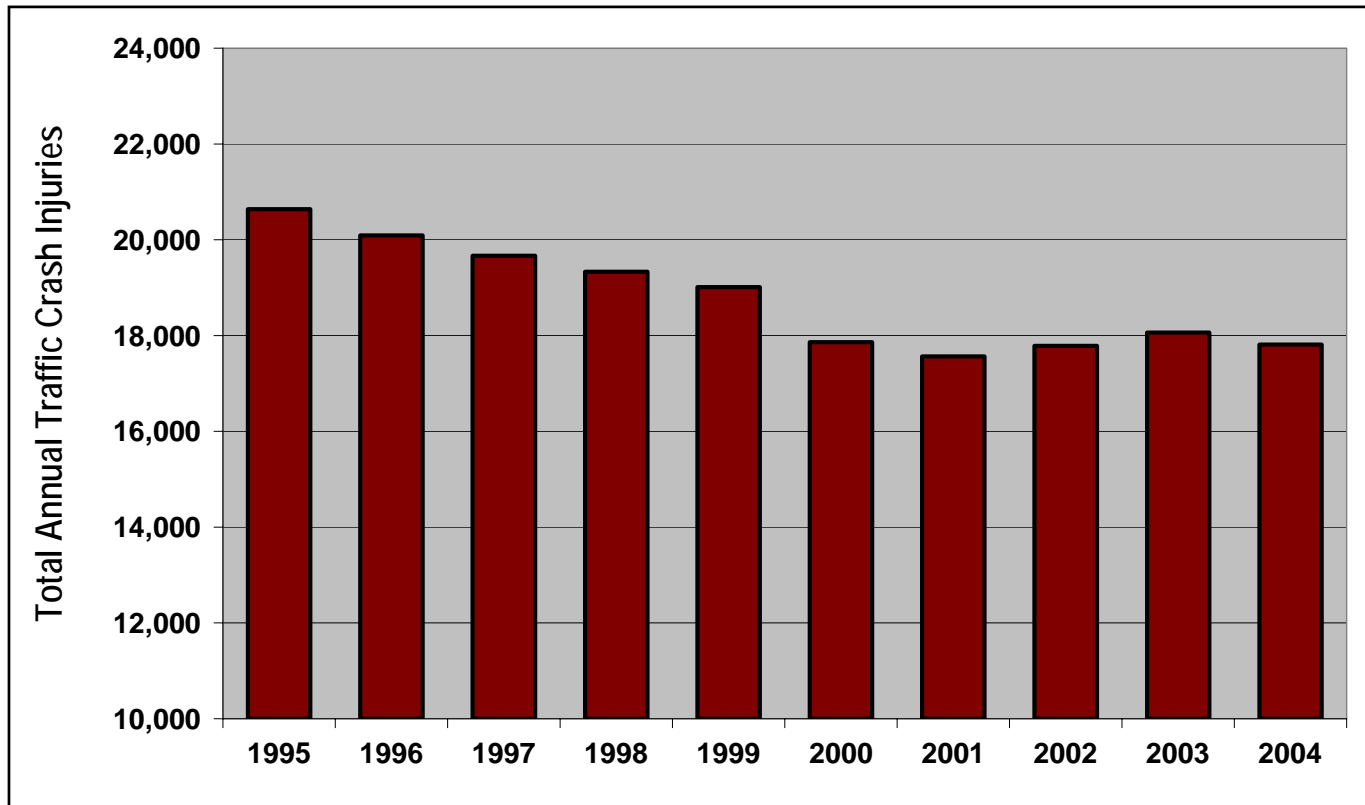


Data source: Virginia DMV.

* 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 \$1,000.

TRAFFIC CRASH INJURIES

Hampton Roads Annual Traffic Crash Injuries*, 1995-2004

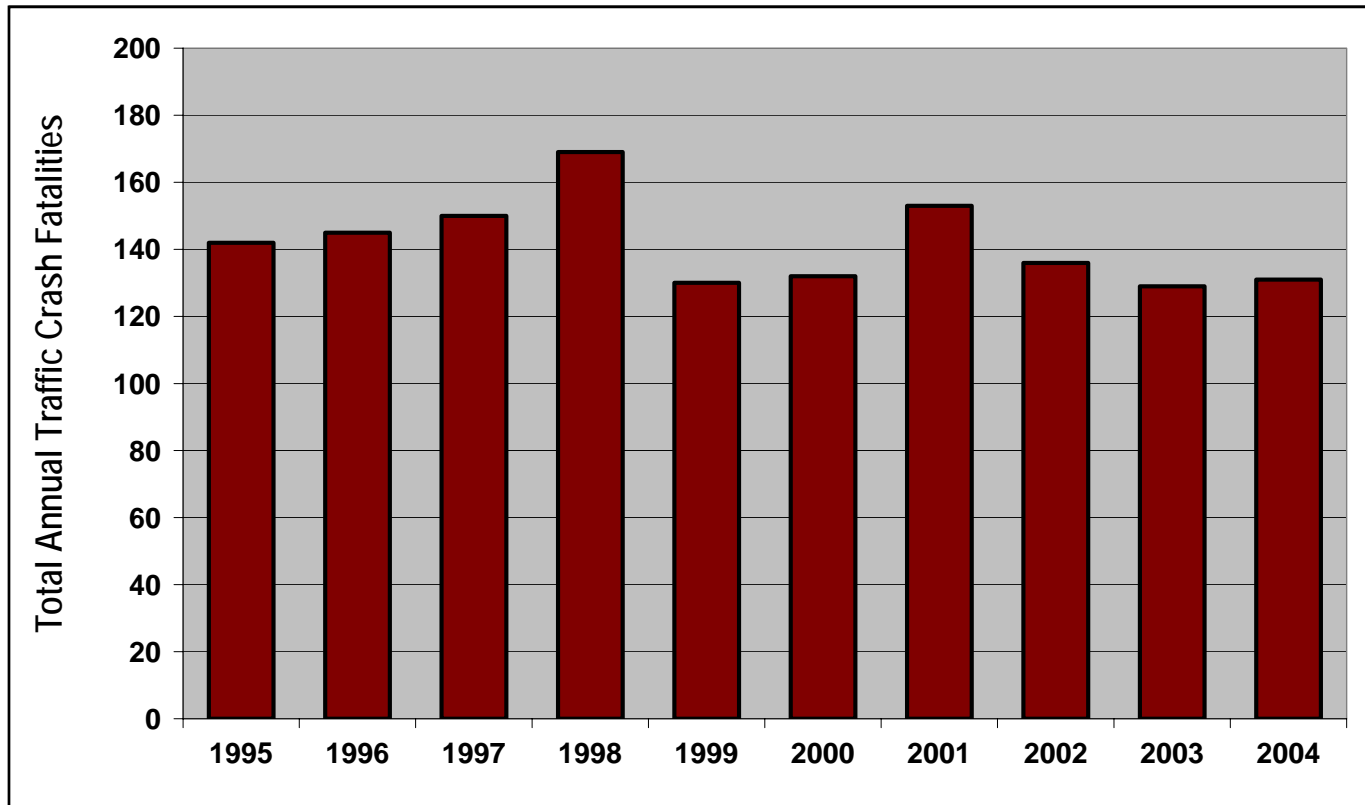


Data source: Virginia DMV.

* 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.

TRAFFIC CRASH FATALITIES

Hampton Roads Annual Traffic Crash Fatalities*, 1995-2004

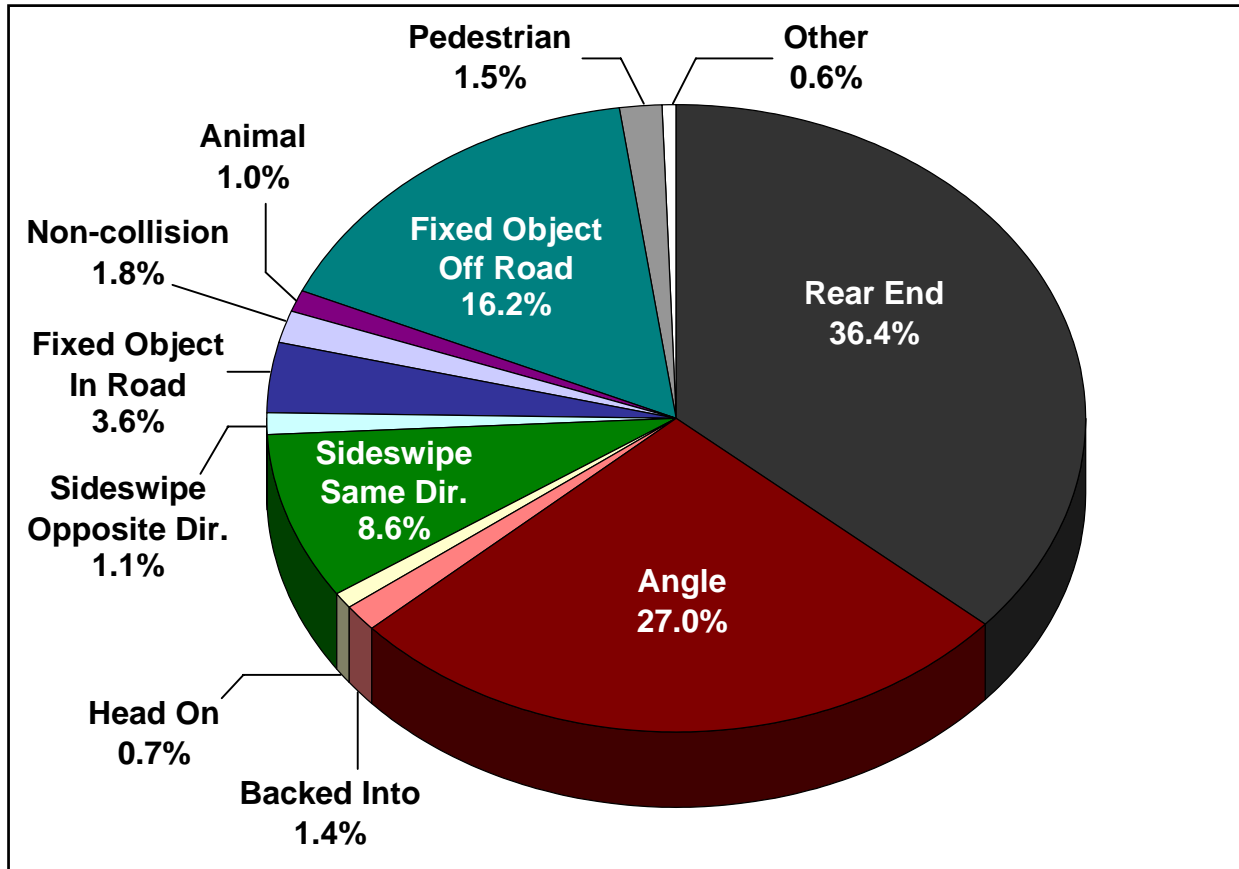


Data source: Virginia DMV.

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

CRASH TYPES

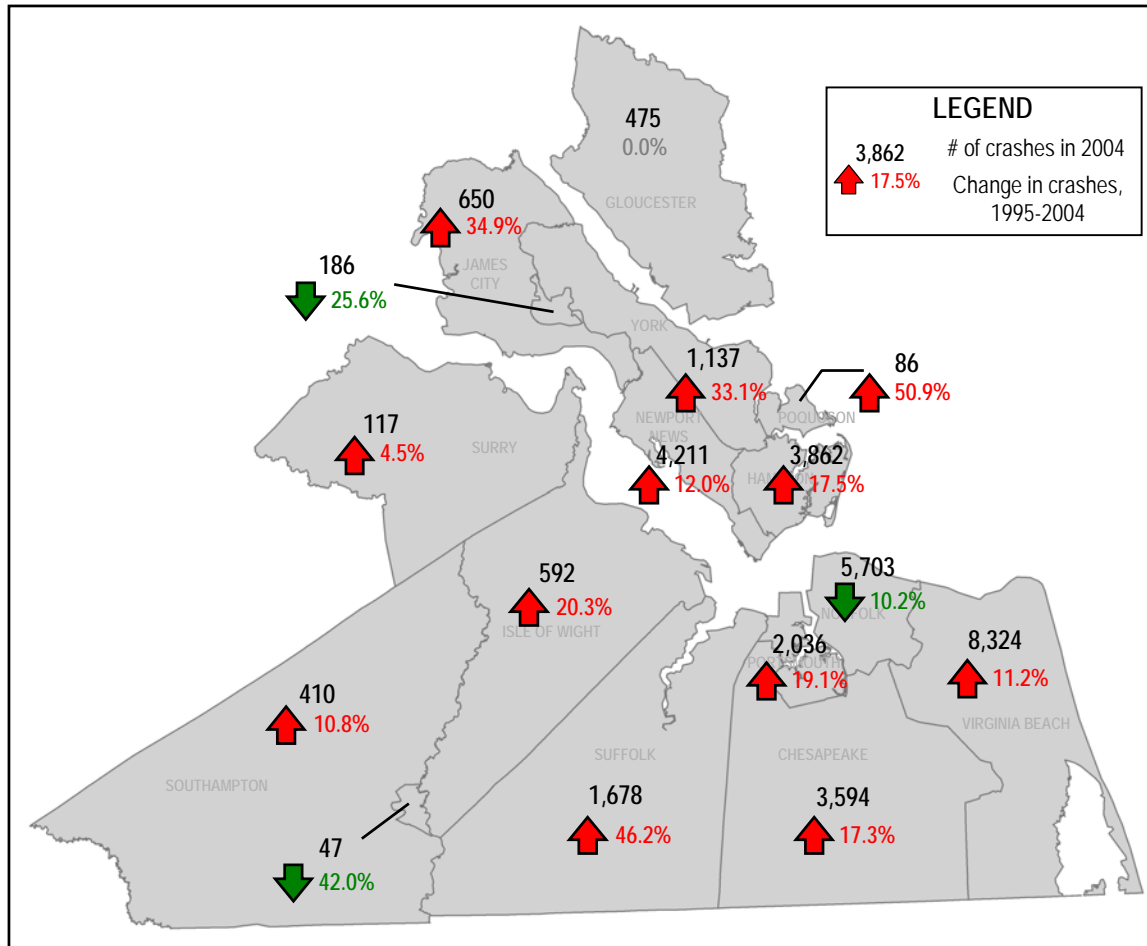
Hampton Roads Crashes by Type, 2002-2004



Data source: VDOT.

TRAFFIC CRASHES

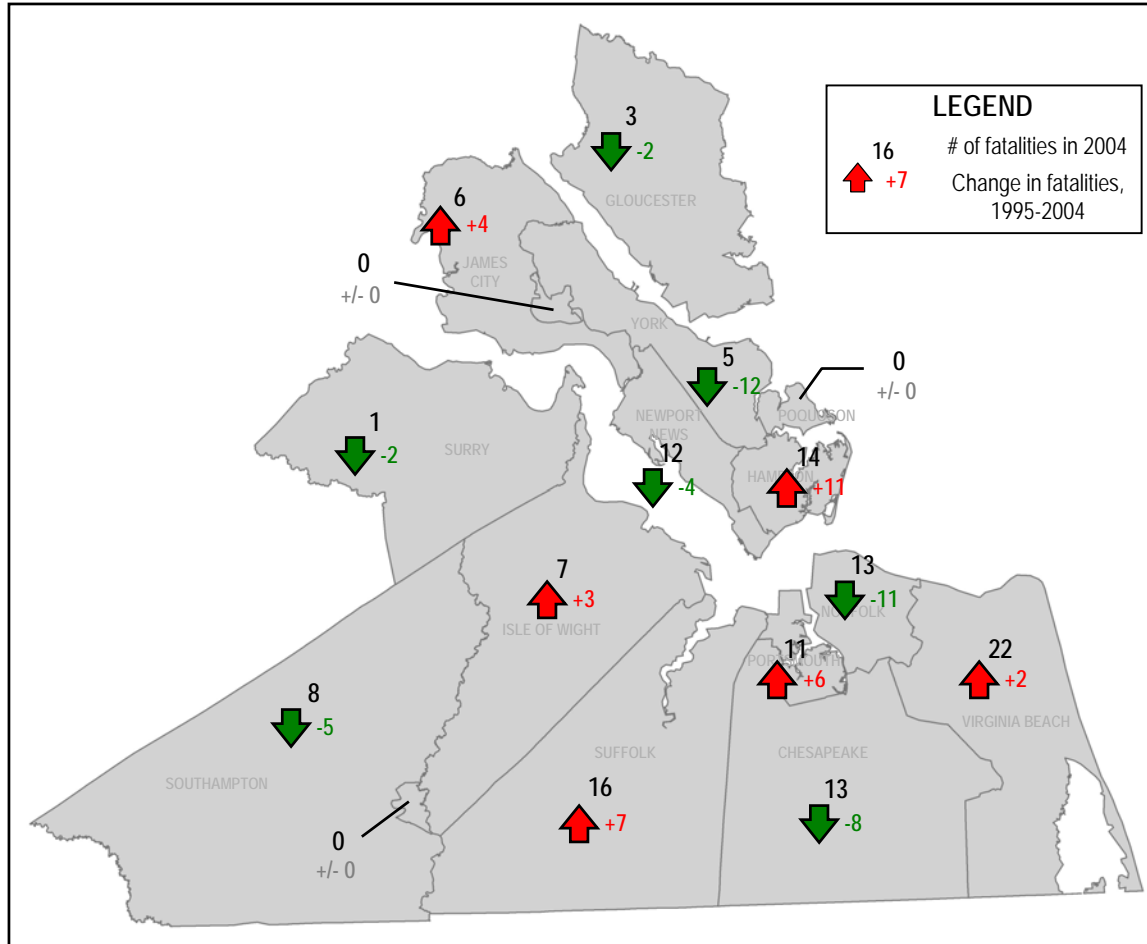
Traffic Crashes and Trends by PDC Jurisdiction, 1995-2004



Data source: Virginia DMV.

TRAFFIC CRASH FATALITIES

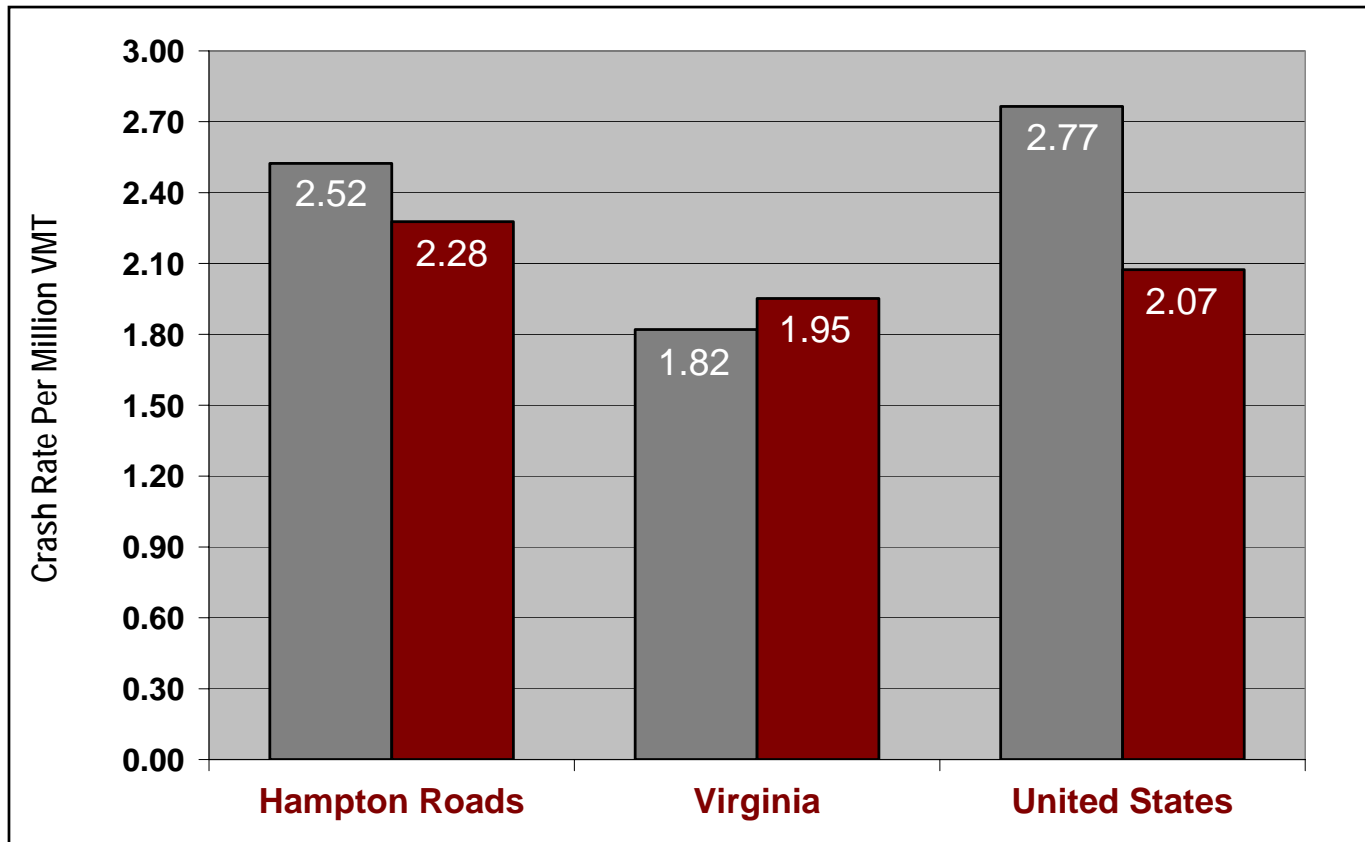
Traffic Fatalities and Trends by PDC Jurisdiction, 1995-2004



Data source: Virginia DMV.

TRAFFIC CRASH RATES

Traffic Crash Rates in Hampton Roads, Virginia, and the United States
1995 and 2004

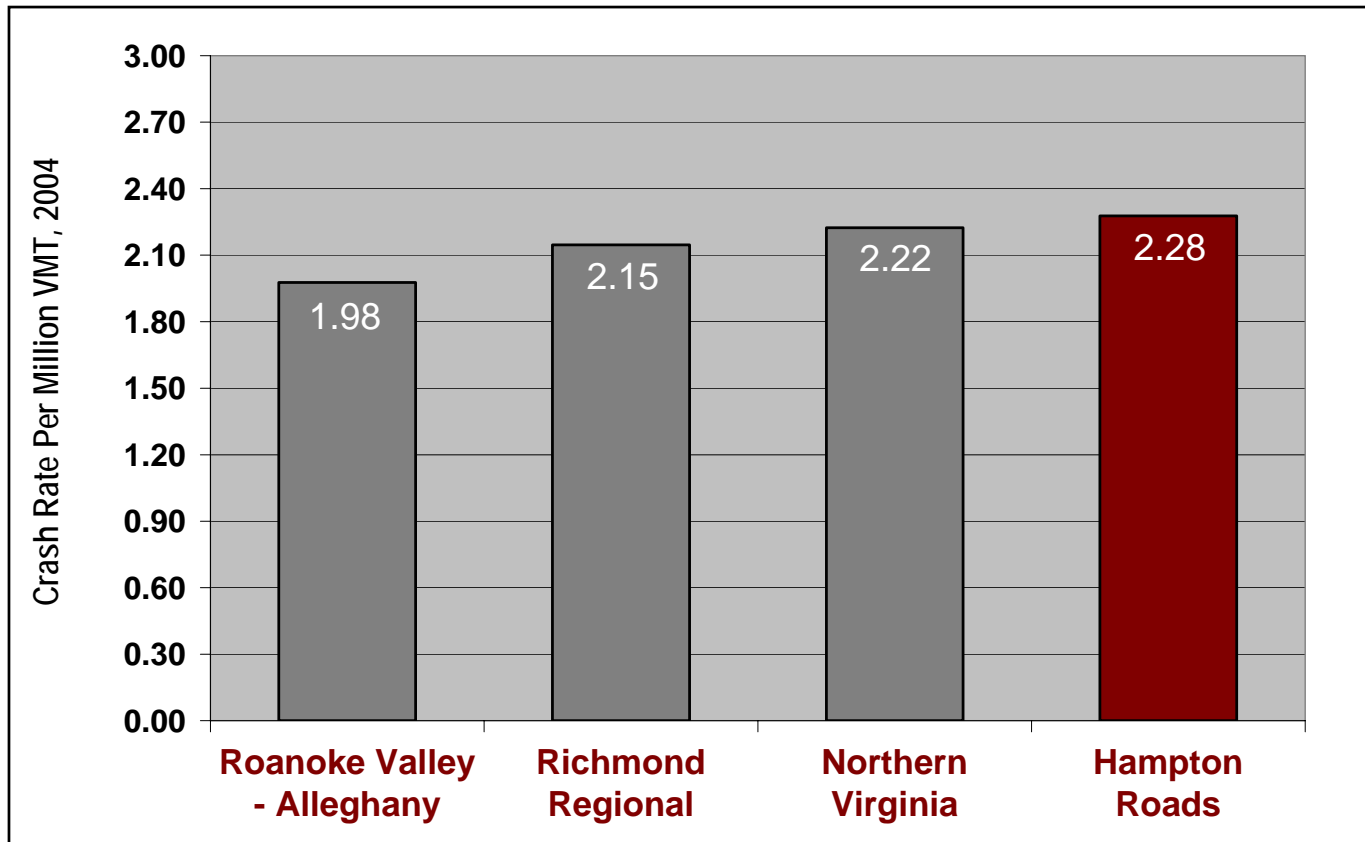


Data sources: VDOT, Virginia DMV.

■ 1995 ■ 2004

TRAFFIC CRASH RATES

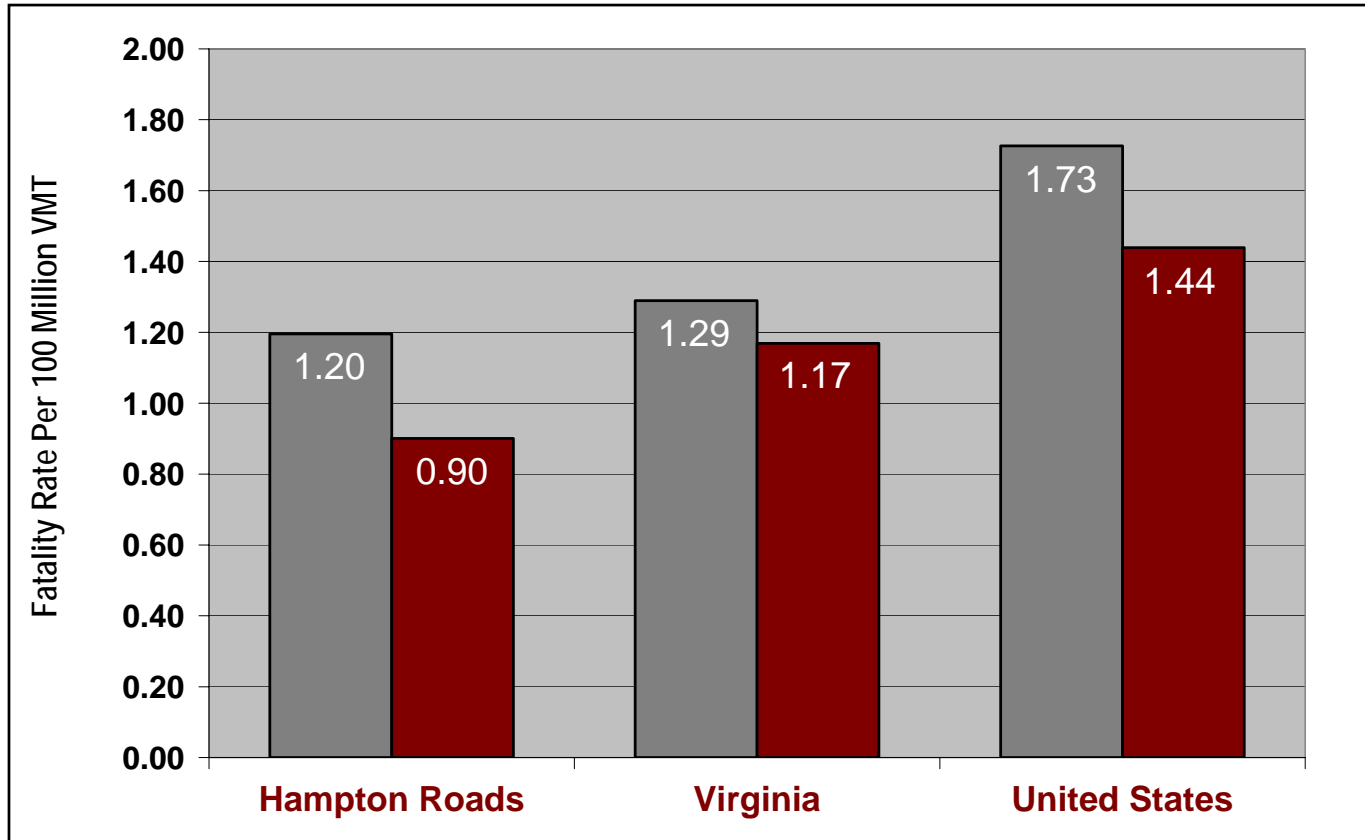
Traffic Crash Rates in Selected Virginia Planning Districts, 2004



Data sources: VDOT, Virginia DMV.

FATALITY RATES

Traffic Crash Fatality Rates in Hampton Roads, Virginia, and the United States, 1995 and 2004

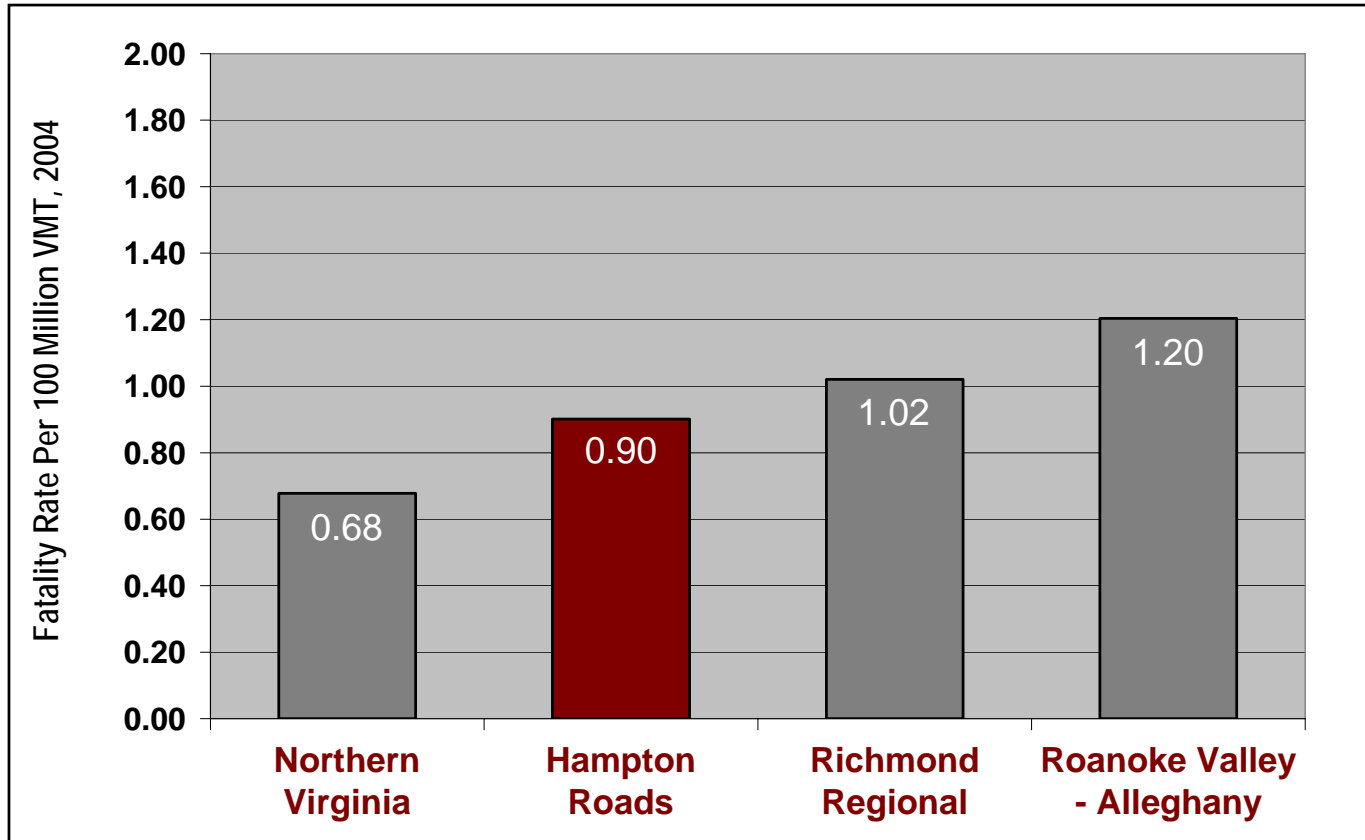


Data sources: VDOT, Virginia DMV.

■ 1995 ■ 2004

FATALITY RATES

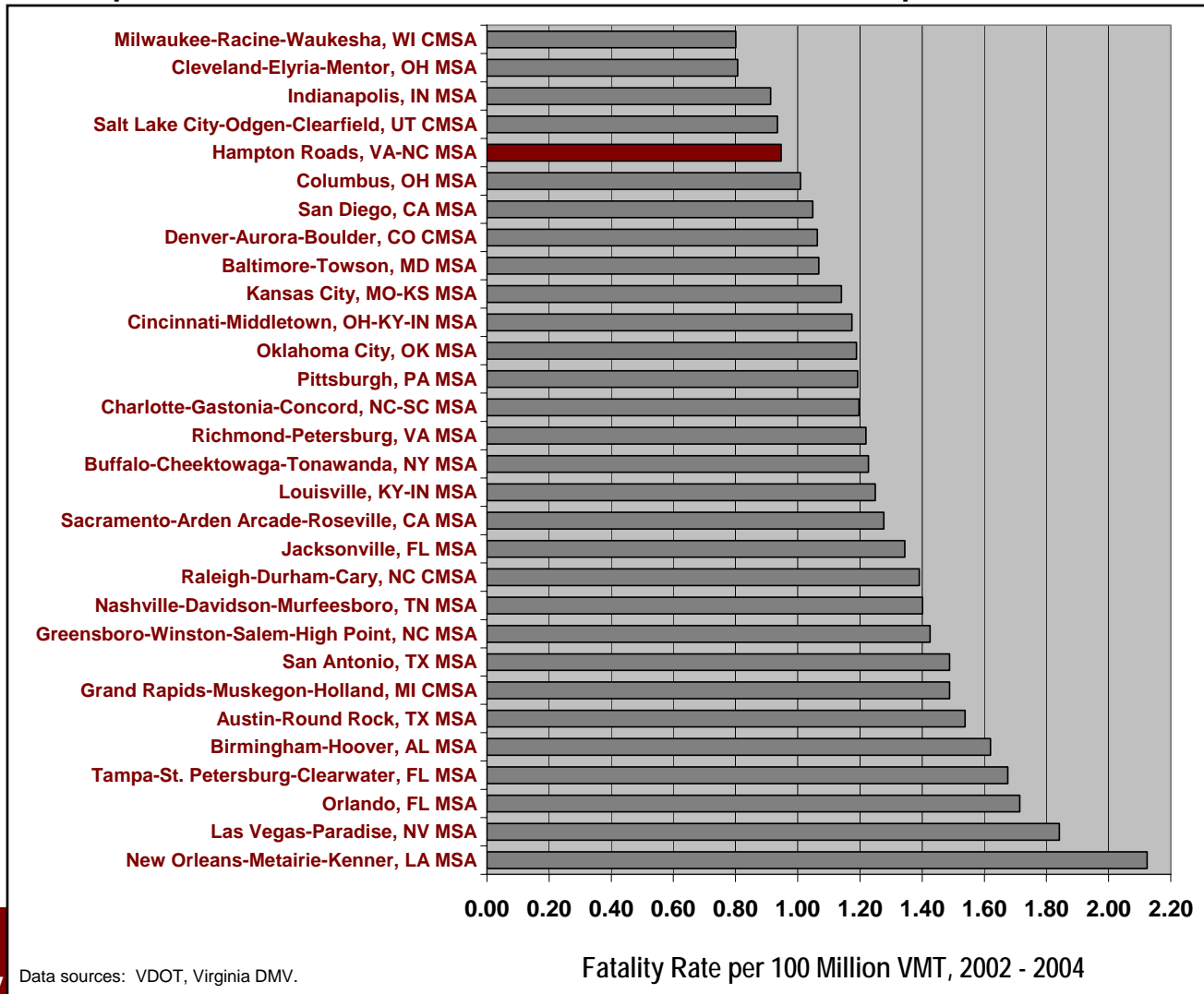
Traffic Crash Fatality Rates in Selected Virginia Planning Districts, 2004



Data sources: VDOT, Virginia DMV.

FATALITY RATES

Fatality Rates in Selected Metropolitan Statistical Areas (MSAs) with Populations Between One and Three Million People, 2002-2004



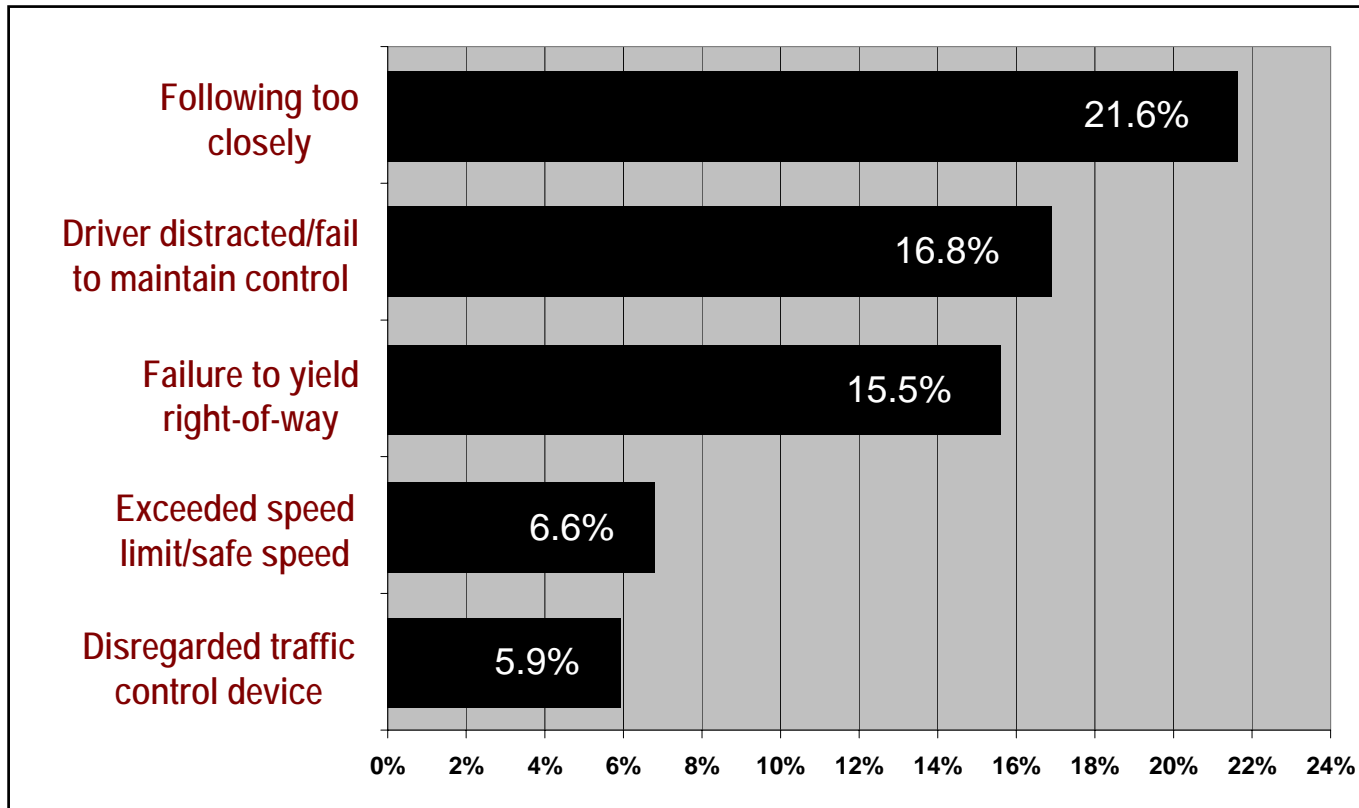
Data sources: VDOT, Virginia DMV.

Fatality Rate per 100 Million VMT, 2002 - 2004



CRASHES – DRIVER ACTION

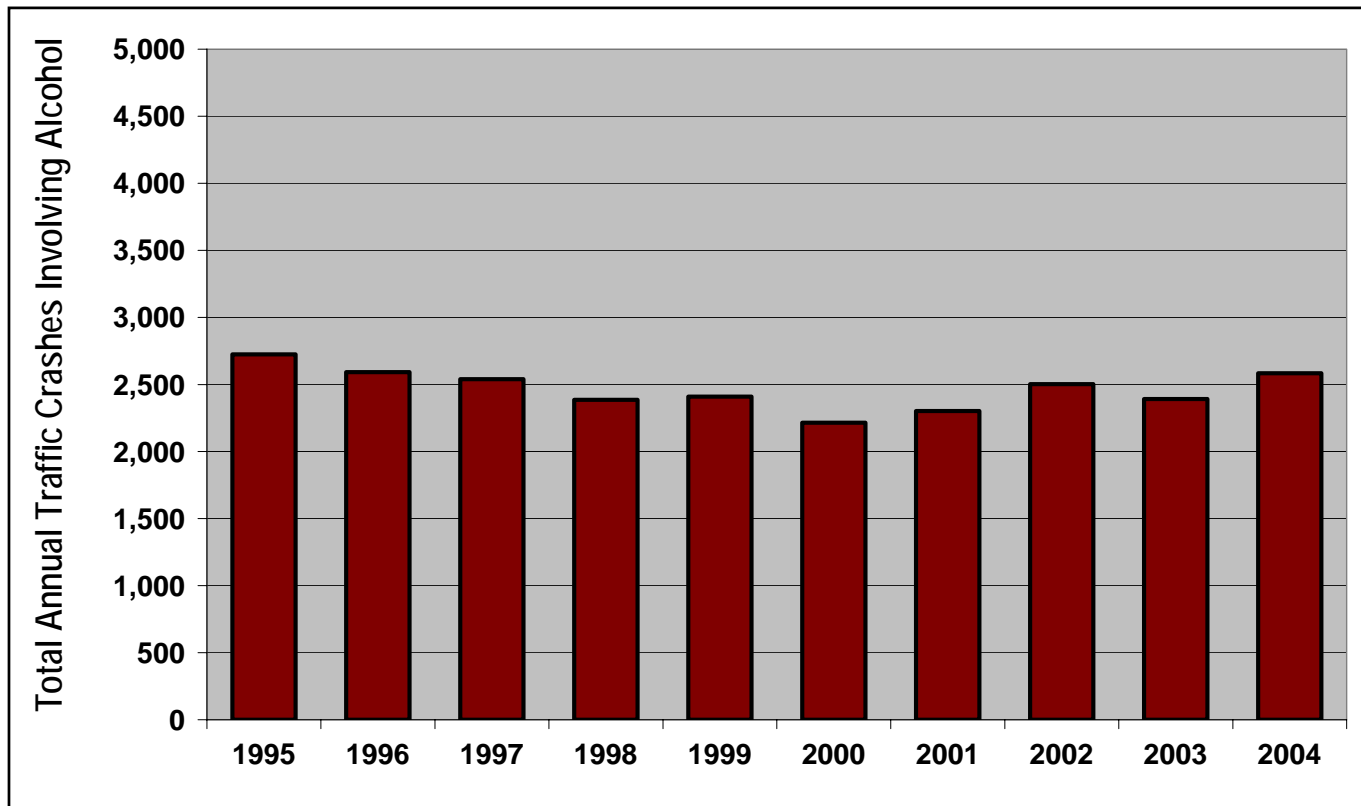
Most Prevalent Driver Actions Preceding Traffic Crashes
in Hampton Roads, 2002-2004



Data source: VDOT.

CRASHES – ALCOHOL-RELATED

Hampton Roads Crashes that Involved Alcohol*, 1995-2004

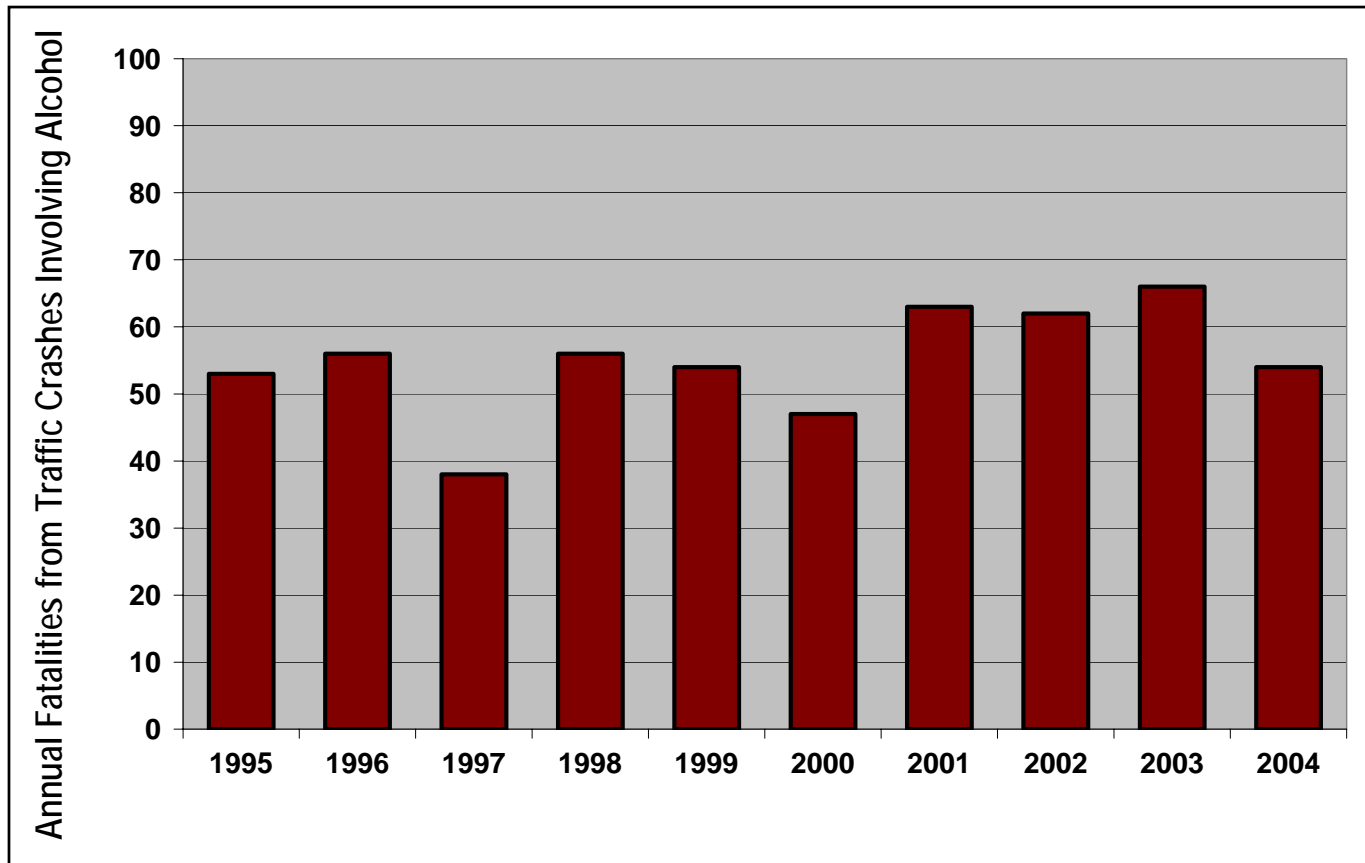


Data source: Virginia DMV.

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

FATALITIES – ALCOHOL-RELATED

Fatalities Resulting from Traffic Crashes Involving Alcohol in Hampton Roads, 1995-2004



Data source: Virginia DMV.

SUMMARY

- **There were 33,108 traffic crashes reported in Hampton Roads in 2004. That is an average of 90 crashes throughout the region every day of the year, or one every 16 minutes.**
- **An injury resulting from a traffic crash occurs in Hampton Roads every 30 minutes.**
- **A fatality resulting from a traffic crash occurs in Hampton Roads every 2.8 days.**

SUMMARY

- **54 of 131 fatalities (41%) in Hampton Roads in 2004 were the result of traffic crashes that involved alcohol. On average, one person was killed each week as the result of a crash involving alcohol.**
- **The most prevalent actions leading to traffic crashes were following too closely, driver distracted/failed to maintain control, and failure to yield the right-of-way.**