

***Transportation Research Board (TRB)
89th Annual Meeting, Washington, D.C.***

**State Traffic Safety Information
(STSI)
and Google Map Application**

Anders Longthorne

National Center for Statistics and Analysis (NCSA)

(202) 366-5358

anders.longthorne@dot.gov

STSI Overview

- o **Fatality Analysis Reporting System (FARS)**
 - Ø **State Level**
 - Ø **County Level**
 - Ø **5 Years of Data**
 - Ø **Counts**
 - Ø **Rates (Per Population and VMT)**
- o **Color Coded Maps For Comparing Counties**
- o **Google Earth Crash Location Maps**
- o **Lives Saved and Observed Restraint Use**
- o **Reports in Both HTML and PDF Formats**



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- Fatality Analysis Reporting System (FARS)
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- Special Crash Investigations (SCI)
- Regulatory Analysis
- Regulatory Evaluation
- State Traffic Safety Information (STSI)
- Traffic Records
- National Driver Register
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- Highway safety programs and grants
- Fuel Economy Standards (CAFE)
- Recalls, defects, and complaints
- File a complaint about your vehicle or child safety seat
- Child Passenger Safety: seat ratings, inspection stations, LATCH, and more.
- Teen Drivers: a comprehensive

Welcome to NCSA

The National Center for Statistics and Analysis (NCSA), an office of the National Highway Traffic Safety Administration (NHTSA), is responsible for providing a wide range of analytical and statistical support to NHTSA and the highway safety community at large.

See All NCSA Publications

Click the link below to visit NCSA's **Customer Automated Tracking System (CATS)** where you will find:

- Traffic Safety Fact Sheets
- FARS/GES Reports
- Research Notes and Crash*Stats
- Technical Reports
- Annual Assessments
- Documentation and Manuals for FARS, GES, and NASS-CDS.

Customers may also leave a customized data request if you are unable to find what you are looking for.

• [NCSA Publications and Customized Data Requests \(CATS\)](#)

Share your Traffic Safety ideas with us

click here to participate in our strategic planning process

File A Complaint

If you believe there is a safety-related problem with your vehicle or child seat

- Related Links
- [FARS Web-Based Encyclopedia](#)
 - [NCSA Publications, Documentation & Manuals \(CATS\)](#)
 - [FARS, State Data Systems, CODES](#)
 - [FARS, NASS, NHTCDS, SCI](#)
 - [SCI Crash Notification Fax Back Form](#)
 - [State Traffic Safety Information \(STSI\)](#)

safercar.gov

How Safe is Your Car?



National Highway Traffic Safety Administration
Our Mission: Save lives, prevent injuries, reduce vehicle-related crashes

State Traffic Safety Information For Year 2008

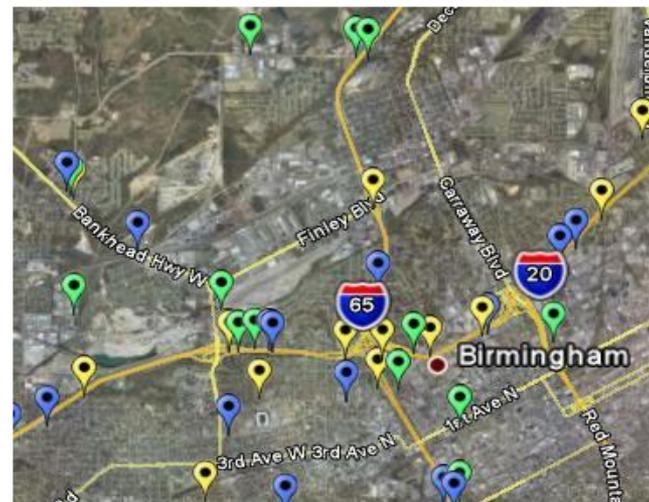
Quick, easy access to traffic safety facts



State GIS Fatal Traffic Crash Maps

This Utility Provides Location Based Maps of Fatal Crashes for the Years 2006-2008

Click on States (on the US Map) to View these GIS Crash Maps



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Maryland Home Page



Traffic Safety Facts Maryland 2004-2008

Select State Select County

Data Source: FARS 2004 - 2007 Final and Fars 2008 ARF

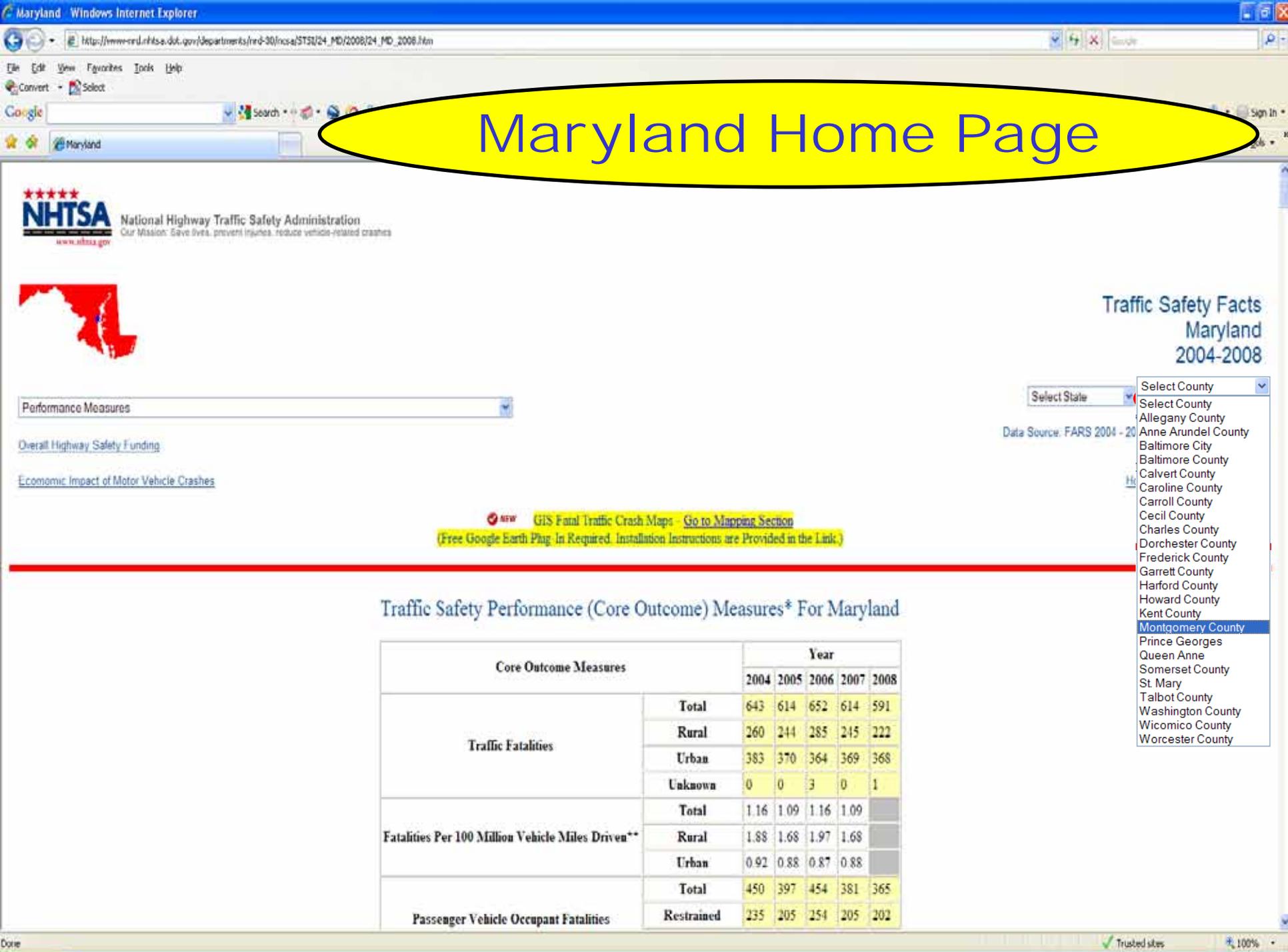
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- Performance Measures
- Performance Measures
- Fatality Rates
 - Alcohol-Related Fatalities (Old Definition)
 - Alcohol-Related Driving Fatalities (New Definition)
 - Fatalities per 100 Million VMT
 - Alcohol-Related Driving Fatalities per 100 Million VMT
 - BAC Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes
 - Passenger Vehicle Occupant Fatalities by Restraint Use
 - Passenger Vehicle Occupant Fatalities by Percent Restraint Use
 - Passenger Vehicle Occupants by Percent Restraint Use Observed
 - Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved
 - Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved
 - Motorcycle Occupant Fatalities by Helmet Use and Lives Saved Estimates
 - Fatalities by Person Type
 - Fatalities by Crash Type
 - Motorcyclist Fatalities by Age
 - Motorcyclist Fatalities Per 100,000 Registered Motorcycles
 - Fatalities by Person Type and Race/Hispanic Origin
 - Top 10 Counties - Fatalities
 - Top 10 Counties - Fatalities Year to Year Percent Changes
 - Top 10 Counties - Fatality Rates
 - Motor Vehicle Crash Fatality Map: Fatalities (All Crashes)
 - Motor Vehicle Crash Fatality Map: Fatalities Involving an Alcohol-Impaired Driver (BAC = .08+)
 - Motor Vehicle Crash Fatality Map: Single Vehicle Crash Fatalities
 - Motor Vehicle Crash Fatality Map: Fatalities in Crashes Involving a Large Truck
 - Motor Vehicle Crash Fatality Map: Fatalities in Crashes Involving Speeding
 - Motor Vehicle Crash Fatality Map: Fatalities in Crashes Involving a Roadway Departure
 - Motor Vehicle Crash Fatality Map: Fatalities in Crashes Involving an Intersection (or Intersection Related)
 - Motor Vehicle Crash Fatality Map: Passenger Car Occupant Fatalities
 - Motor Vehicle Crash Fatality Map: Light Truck and Van Occupant Fatalities

[View Fatal Traffic Crash Maps](#) [Go to Mapping Section](#)
 (If a Plug-In is Required, Installation Instructions are Provided in the Link.)

Performance (Core Outcome) Measures* For Maryland

Performance Measure	Year					
	2004	2005	2006	2007	2008	
Fatalities	Total	643	614	652	614	591
	Rural	260	244	285	245	222
	Urban	383	370	364	369	368
	Unknown	0	0	3	0	1
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.16	1.09	1.16	1.09	
	Rural	1.88	1.68	1.97	1.68	
	Urban	0.92	0.88	0.87	0.88	
Passenger Vehicle Occupant Fatalities	Total	450	397	454	381	365
	Restrained	235	205	251	205	202



Maryland Home Page



Traffic Safety Facts Maryland 2004-2008

Performance Measures

[Overall Highway Safety Funding](#)

[Economic Impact of Motor Vehicle Crashes](#)

NEW [GIS Fatal Traffic Crash Maps](#) - [Go to Mapping Section](#)
(Free Google Earth Plug-In Required. Installation Instructions are Provided in the Link.)

Select State

Data Source: FARS 2004 - 20

Select County

- Select County
- Allegany County
- Anne Arundel County
- Baltimore City
- Baltimore County
- Calvert County
- Caroline County
- Carroll County
- Cecil County
- Charles County
- Dorchester County
- Frederick County
- Garrett County
- Harford County
- Howard County
- Kent County
- Montgomery County**
- Prince Georges
- Queen Anne
- Somerset County
- St. Mary
- Talbot County
- Washington County
- Wicomico County
- Worcester County

Traffic Safety Performance (Core Outcome) Measures* For Maryland

Core Outcome Measures		Year				
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Montgomery County Home Page



Traffic Safety Facts Montgomery County, Maryland 2004-2008

Select State Select County

Data Source: FARS 2004 - 2007 Final and Fars 2008 ARF

[Home](#) [Printer Friendly](#)

- Fatalities by Person/Crash Type
- Fatalities by Person/Crash Type**
- Passenger Vehicle Occupant Fatalities by Restraint Use
- Motorcyclist Fatalities by Helmet Use
- Fatalities by Person Type and Race/Hispanic Origin

Fatalities by Person/Crash Type

Fatality Type	Fatalities					Fatalities Per 100,000 Population				
	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
Total Fatalities (All Crashes)*	79	44	58	48	51	8.56	4.73	6.20	5.10	5.36
(1) Alcohol-Impaired Driving (BAC=.08+) Fatalities	32	9	21	10	13	3.47	0.97	2.24	1.06	1.37
(2) Single Vehicle Crash Fatalities	47	23	31	37	29	5.09	2.47	3.31	3.93	3.05
(3) Large Truck Involved Crash Fatalities	7	5	3	3	2	0.76	0.54	0.32	0.32	0.21
(4) Speeding Involved Crash Fatalities	41	18	18	17	12	4.44	1.93	1.92	1.81	1.26
(5) Rollover Involved Crash Fatalities	9	3	5	3	4	0.97	0.32	0.53	0.32	0.42
(6) Roadway Departure Involved Crash Fatalities	34	14	22	23	23	3.68	1.50	2.35	2.44	2.42
(7) Intersection (or Intersection Related) Crash Fatalities	21	16	21	12	16	2.27	1.72	2.24	1.27	1.68
Passenger Car Occupant Fatalities	44	20	29	20	24	4.77	2.15	3.10	2.12	2.52
Light Truck Occupant Fatalities	13	5	9	5	4	1.41	0.54	0.96	0.53	0.42
Motorcyclist Fatalities	6	5	4	6	8	0.65	0.54	0.43	0.64	0.84
Pedestrian Fatalities	14	10	16	16	15	1.52	1.07	1.71	1.70	1.58



Traffic Safety Facts Maryland 2004-2008

Performance Measures

Select State Select County

[Overall Highway Safety Funding](#)

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Traffic Safety Performance (Core Outcome) Measures* For Maryland

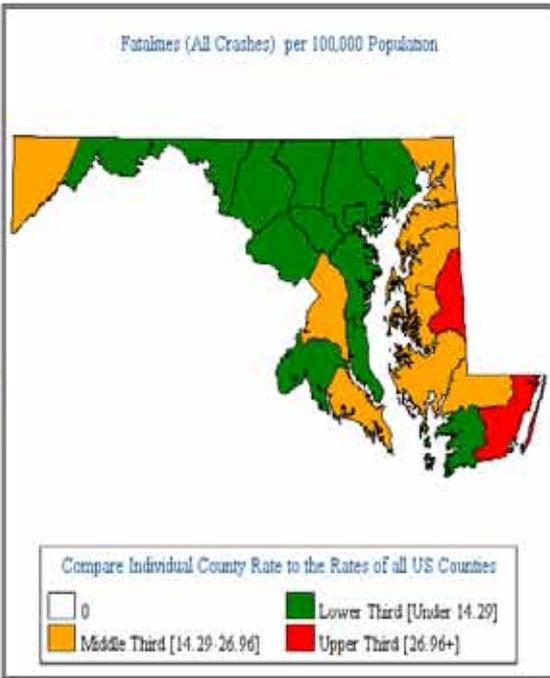
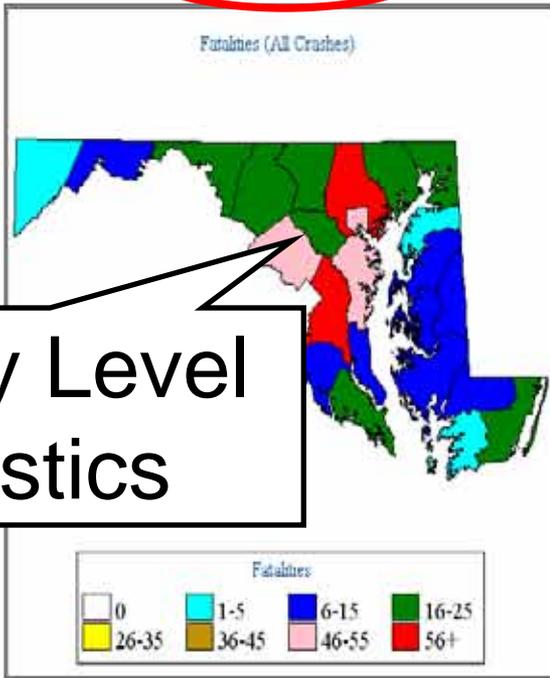
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Maryland Maps

Fatalities (All Crashes) by County

[View Crash Location Map](#)

[County Listing of Fatalities Rates](#)



County Level Statistics

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) by County

Crash Location Map Currently Not Available

[County Listing of Fatalities Rates](#)

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+)

Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) per 100,000 Population

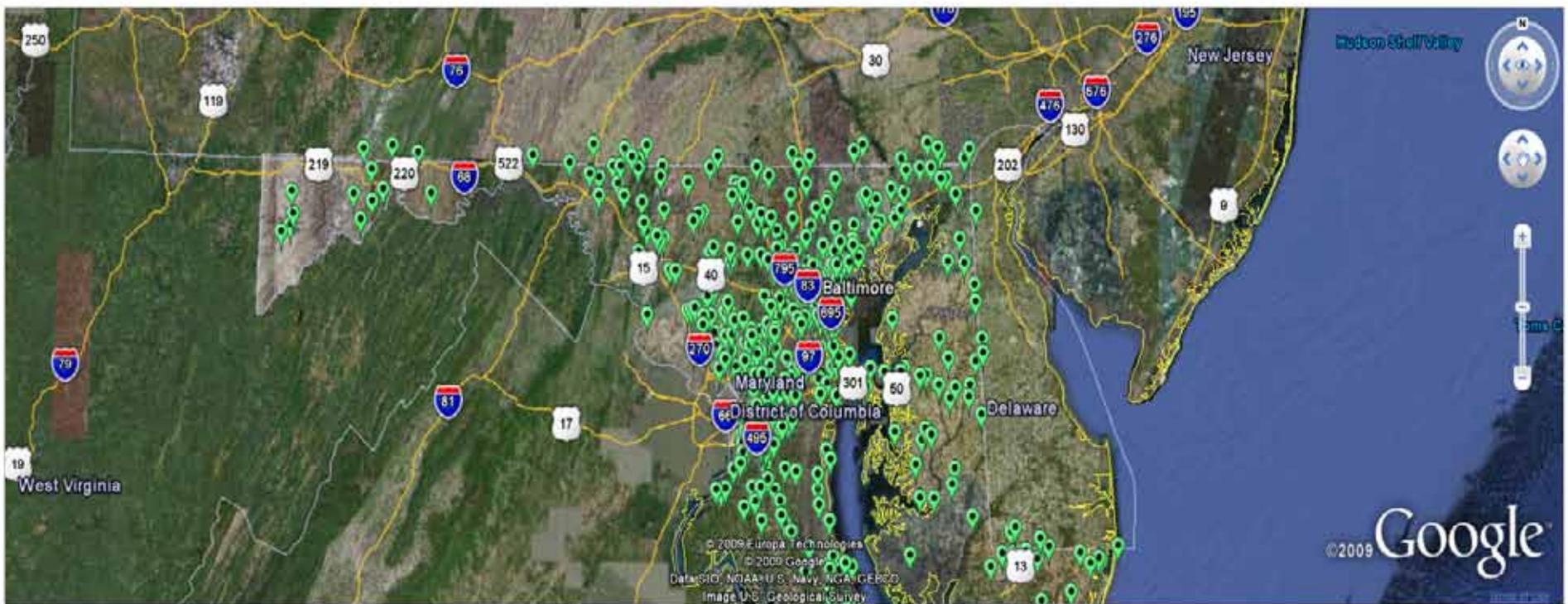
[Back to Top](#)

Maryland Google Maps

Location of Fatal Crashes - Maryland

Note: GIS information was not available for all crashes. Number of available crashes are shown within parenthesis next to each year
Note: Click on individual crash icons to view crash summary information.

2006 (512 out of 594 crashes visible) 2007 (553 out of 558 crashes visible) 2008 (526 out of 538 crashes visible) Show Neighboring States



Maryland Google Maps

Location of Fatal Crashes - Maryland

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Note: Click on individual crash icons to view crash summary information.

2006 (572 out of 594 crashes visible) 2007 (553 out of 558 crashes visible) 2008 (526 out of 538 crashes visible) Show Neighboring States

Individual Crash Location



Maryland Google Maps

Location of Fatal Crashes - Maryland

Note: GIS information was not available for all crashes. Number of available crashes are shown within parenthesis next to each year.
 Note: Click on individual crash icons to view crash summary information.

2006 (572 out of 594 crashes visible) 2007 (555 out of 558 crashes visible) 2008 (526 out of 538 crashes visible) Show Neighboring



Fatal Crash Summary for FARS Case Number: 240519	
Number of Fatalities	1
Number of Vehicles	1
Year	2008
Month	November
Day of the Week and Crash Time	Weekend, 11:35 PM
Speeding-Related	No
Involving a Large Truck	No
Involving a Motorcycle	No
Involving a Pedestrian or Pedalcyclist	Pedestrian
Involving a Rollover	No
Involving a Roadway Departure	No
Involving an Intersection (or Intersection related)	No
Interstate	No
Involving a Driver with a Positive BAC	Unknown
Involving a Failure to Obey	No
Involving a Failure to Yield	No
Manner of Collision	Not Collision with Motor Vehicle in Transport
Involving a Young (Aged 16-21) or Older (Aged 65 and Above) Driver	No
Click for Census Information Page for Montgomery County, Maryland	



1200 New Jersey Ave Washington, DC 20003

Directions Search nearby Save to more



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