

TREDS EZ GUIDE

[Click here to begin the TREDS EZ Guide Training.](#)



Introduction



Traffic Records Electronic Data System (TREDS) provides accurate, timely and detailed highway safety information for analysis and reporting. This state-of-the-art, automated data system centralizes all of Virginia's crash data and related information.

TREDS allows for the electronic submission of police crash reports, scanning of crash data submitted on paper reports at the Department of Motor Vehicles (DMV), electronic mapping for locating the crash while completing the crash report, electronic crash diagramming, and integration with other data systems for enhanced data mining, analysis, and reporting at various levels.

Click Next to proceed to the following slide.

Introduction



This training has been created in order to assist users with the following tasks:

- How to use the Maps feature
- How to run Interactive Reports
- How to contact the TREDS team

This training should take approximately
30 minutes to complete.

Main Menu



Select one of the following links to learn more:

[Maps](#) *Find out about the mapping feature of TREDS.*

[Reports](#) *Learn how to run Interactive Reports.*

[Contacts / Reference](#) *Contact the TREDS team.*

Map Types



[Main
Menu](#)



The three types of maps are as follows:

- **High Crash Location Maps** display crash cluster locations for the year and road type selected. In order to form a cluster the location must have at least seven (7) crashes within a specified distance.
- **Jurisdiction Crash Maps** display crashes with year, road type, and a selected city or county using the following criteria: All crashes, Alcohol-Related, Speed-Related, and Unbelted.
- **Department Crash Maps** display the crashes investigated by your department. (Note: Please refer to the Jurisdiction Crash Maps section in order to learn how to create a Department Crash Map).

Click Next to proceed to following slide, click Back to return to the previous slide, or click Main Menu to return to the Main Menu.

Access Maps



[Main
Menu](#)



To begin, log in to TREDS.

The screenshot shows the TREDS website with a blue header containing the logo "TREDS Saving Lives". On the left, there's a sidebar titled "Sponsor Links" with links to VAHSA, Virginia State Police, and Virginia DOT. The main content area has a section titled "Main Goal:" which describes the purpose of TREDS. Below that is another section describing the system's features. To the right, there's a "Login Form" with fields for Username and Password, a link to the Access Agreement, and a "Log In" button. At the bottom, there's a link for "Reset Password/Unlock Account".

Main Goal:

The main goal of TREDS (Traffic Records Electronic Data System) is to provide accurate, timely and detailed highway safety information for analysis and reporting. The data from TREDS is used to support Virginia's efforts to reduce crashes, injuries, fatalities and associated costs. Through TREDS, Virginia now has one of the most effective and innovative information technology tools in the nation to identify and address its highway safety concerns.

This state-of-the-art, automated data system centralizes all of Virginia's crash data and related information. It allows for the electronic submission of police crash reports, scanning of crash data submitted on paper reports at DMV, electronic mapping for locating the crash while completing the crash report, electronic crash diagramming, and integration with other data systems for enhanced data mining, analysis and reporting at various levels.

Login Form

Username:

Password:

By clicking Log In, you agree to follow the [Access Agreement](#) for TREDS.

Log In

Reset Password/Unlock Account

Access Maps



Main
Menu



Then, click the Reports tab.

The screenshot shows the TREDS website interface. At the top, there is a blue header bar with the TREDS logo ('TREDS Saving Lives') on the left, a search bar ('Enter Document Number...'), and three buttons: 'Home', 'Search', and 'Reports'. The 'Reports' button is highlighted with a red box. Below the header, there is a sidebar on the left with a dark blue background containing a 'Operations' button (with a play icon) and links: 'My Report Queue', 'Search for Crash Report', and 'View Reports'. The main content area has a white background. It features a section titled 'Click here for more news...' with a link. Below it is a 'News from TREDS Team' section containing a message about data collection. There is also a 'News from My Department' section at the bottom.

Access Maps



Main
Menu



Next, click Mapping.

The screenshot shows the TREDs website interface. At the top, there is a blue header bar with the TREDs logo ('TREDs Saving Lives'), a search bar ('Enter Document Number...'), and three buttons: 'Home', 'Search', and 'Reports'. Below the header, the page title is 'Home > Reports'. On the left, a sidebar titled 'Operations' contains links: 'My Report Queue', 'Search for Crash Report', and 'View Reports'. The main content area has a sidebar menu with several options: 'Mapping' (which is highlighted with a red box), 'DMV Alcohol Related', 'DMV Reports', 'DMV Speed Related', 'DMV Unbelted', 'Law Enforcement', and 'Heat Maps'.

Access Maps



Main
Menu



Then select from one of the following options:

The screenshot shows the TREDs website interface. At the top, there is a blue header bar with the TREDs logo ('TREDs Saving Lives'), a search bar ('Enter Document Number...'), and three buttons: 'Home', 'Search', and 'Reports'. Below the header, the URL 'Home > Reports' is displayed. On the left, a sidebar titled 'Operations' contains links for 'My Report Queue', 'Search for Crash Report', and 'View Reports'. The main content area has a dark blue background. A menu titled 'Mapping' is highlighted with a red border and contains four items: 'Interactive Crash Map', 'High Crash Location Maps', 'Jurisdiction Crash Maps', and 'My Department Crash Maps'. Below this menu, a red disclaimer text reads: 'Disclaimer: The crashes displayed on the map are only those which have validated GPS information.' Further down, there is a vertical list of other menu items: 'DMV Alcohol Related', 'DMV Reports', 'DMV Speed Related', 'DMV Unbelted', 'Law Enforcement', and 'Heat Maps'.

Note:
The Interactive
Crash Map
option will be
decommissioned
soon and is not
discussed in this
training.

Map Menu



Click one of the following links to learn more about the maps:

[High Crash Location Maps](#)

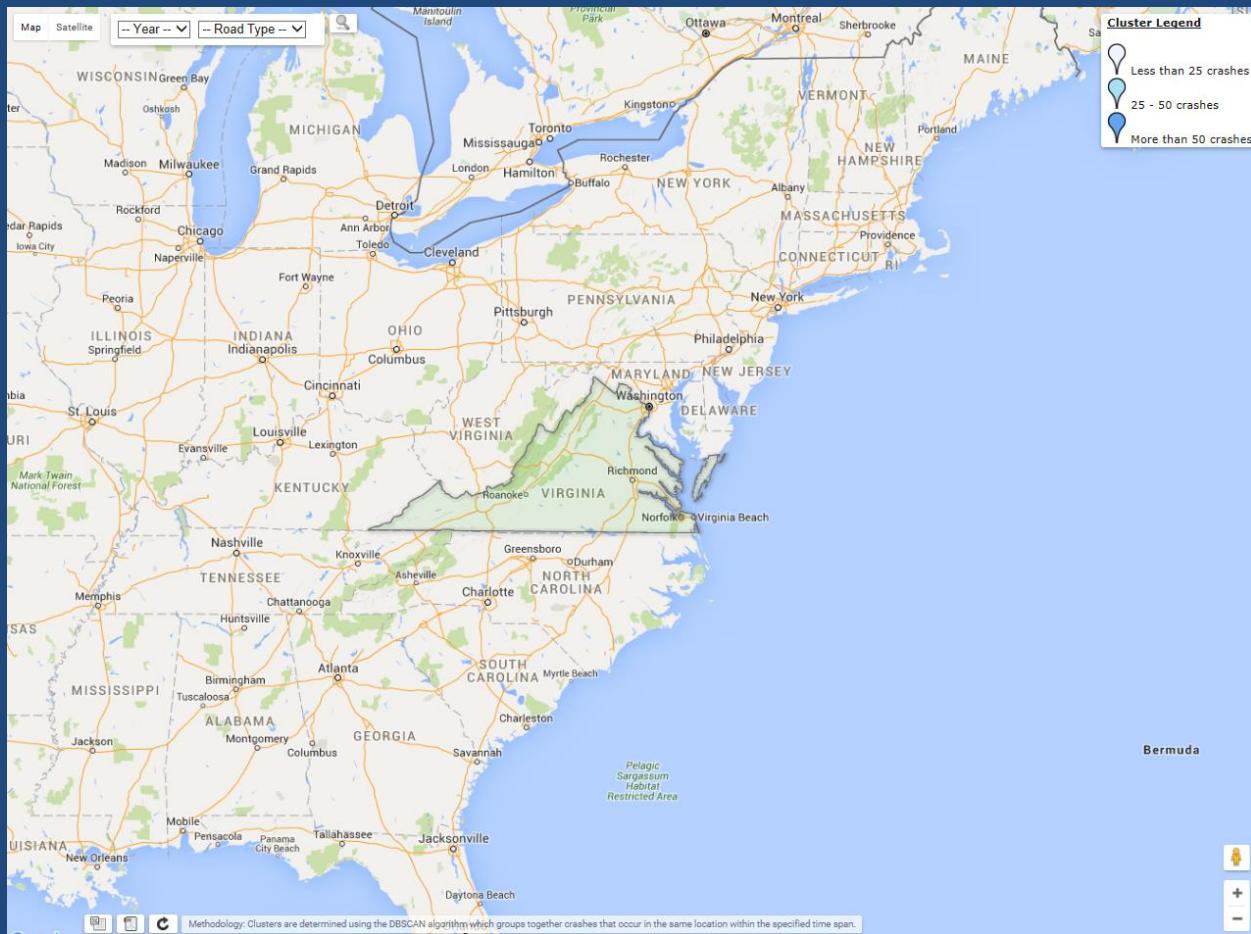
[Jurisdiction Crash Maps](#)

[My Department Crash Maps](#)

High Crash Location Maps



[Maps
Menu](#)



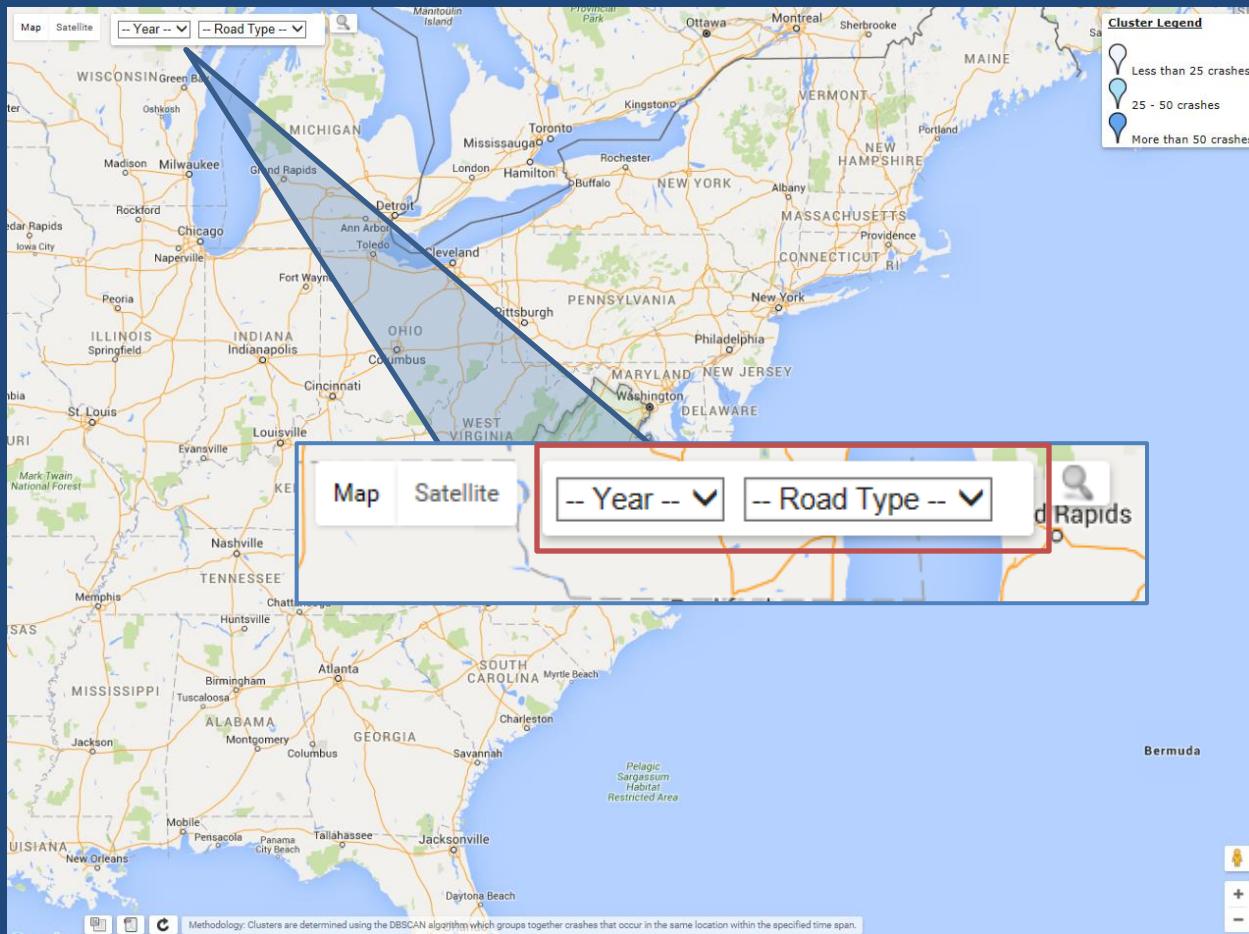
After you select High Crash Location Maps, the following screen appears.

Click the map or Next to proceed to the next slide.

High Crash Location Maps



[Maps
Menu](#)

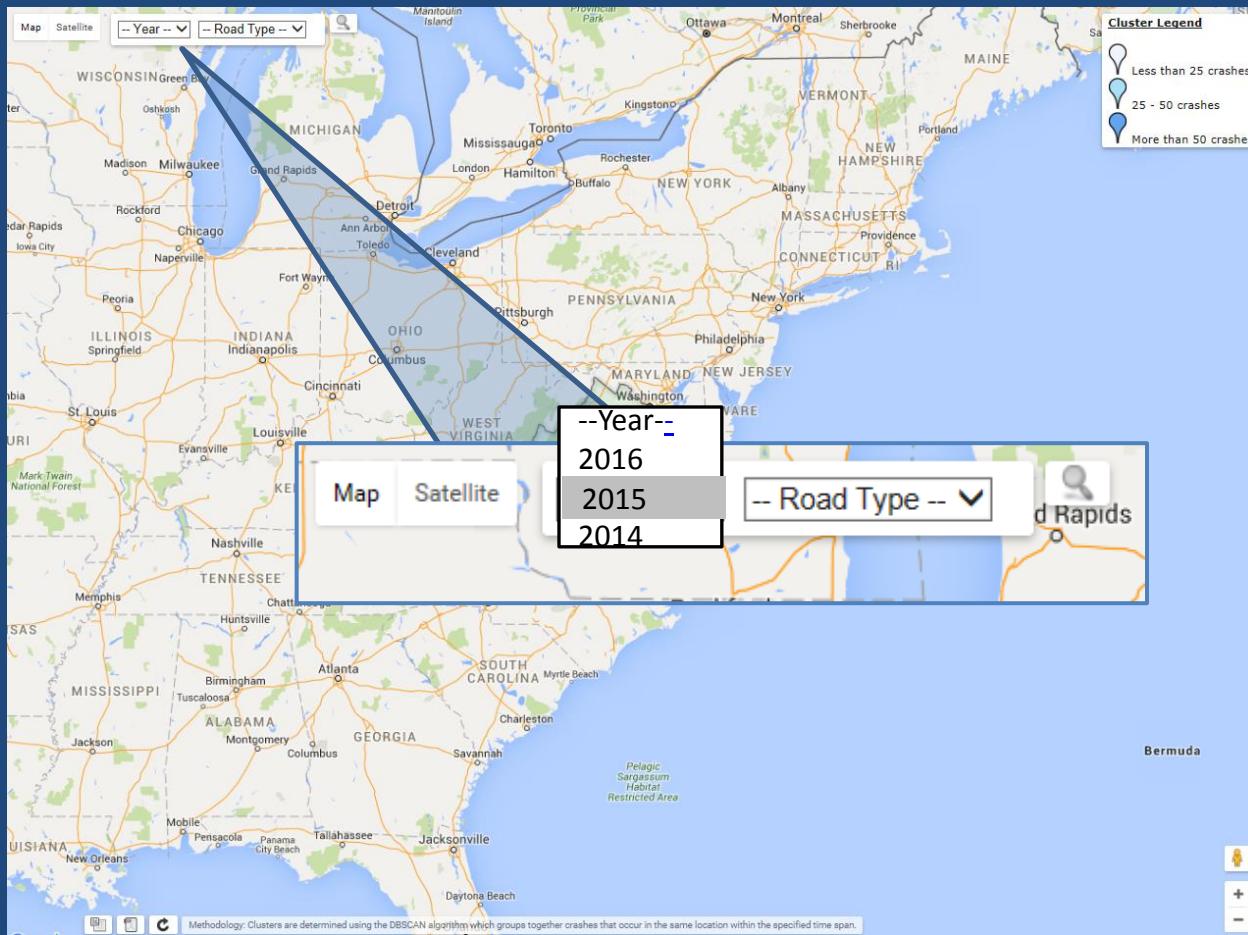


To search for clusters, select the year and road type from their respective drop-down menus.

High Crash Location Maps



[Maps
Menu](#)

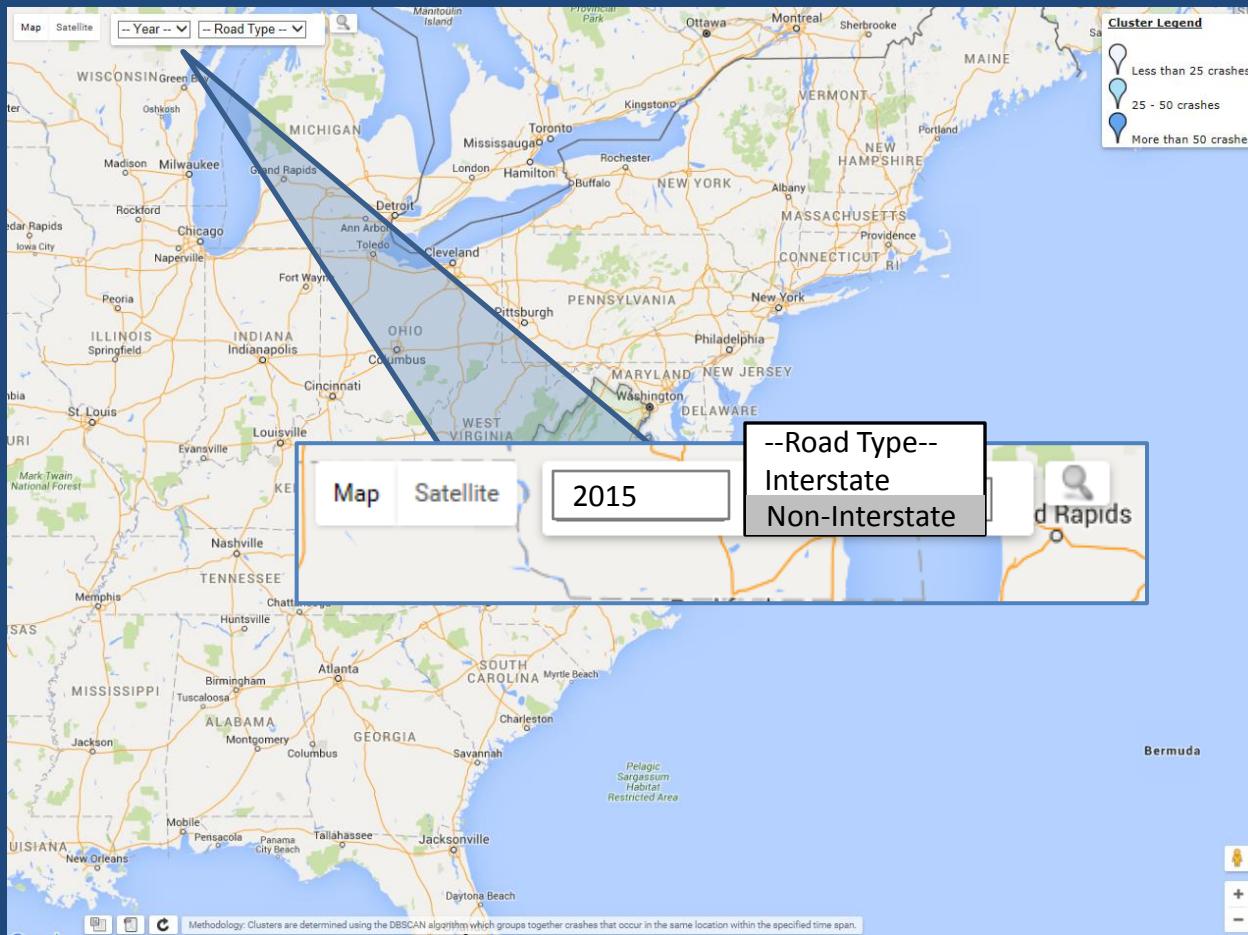


First, select the year from the Year drop-down menu.

High Crash Location Maps



[Maps
Menu](#)

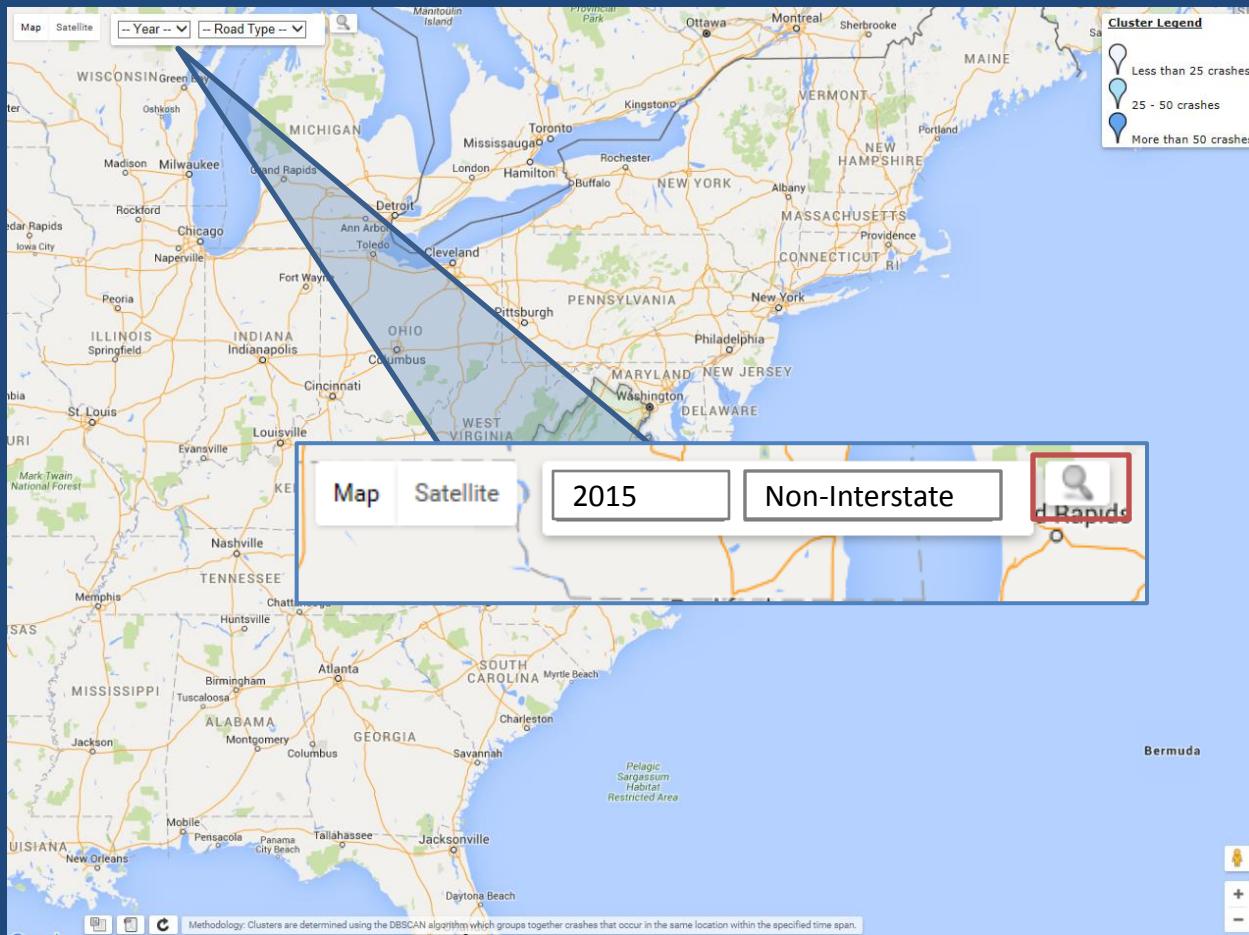


Then, select the road type from the Road Type drop-down menu.

High Crash Location Maps



[Maps
Menu](#)



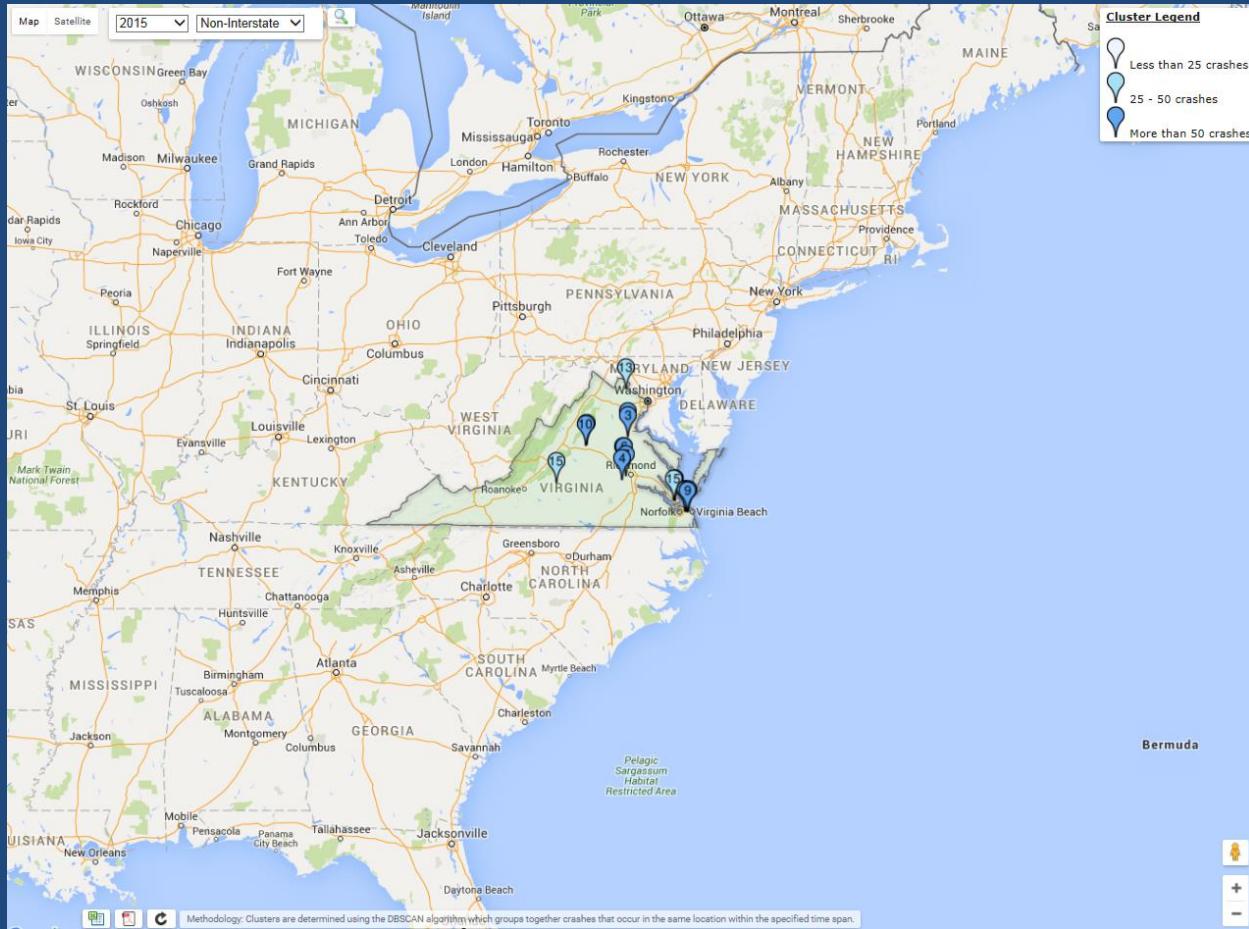
After you have
made your
selections, click the
Search icon.

For this example,
we selected 2015
Non-Interstate
crashes.

Clusters



[Maps
Menu](#)



**On this screen,
selectable clusters
appear:**

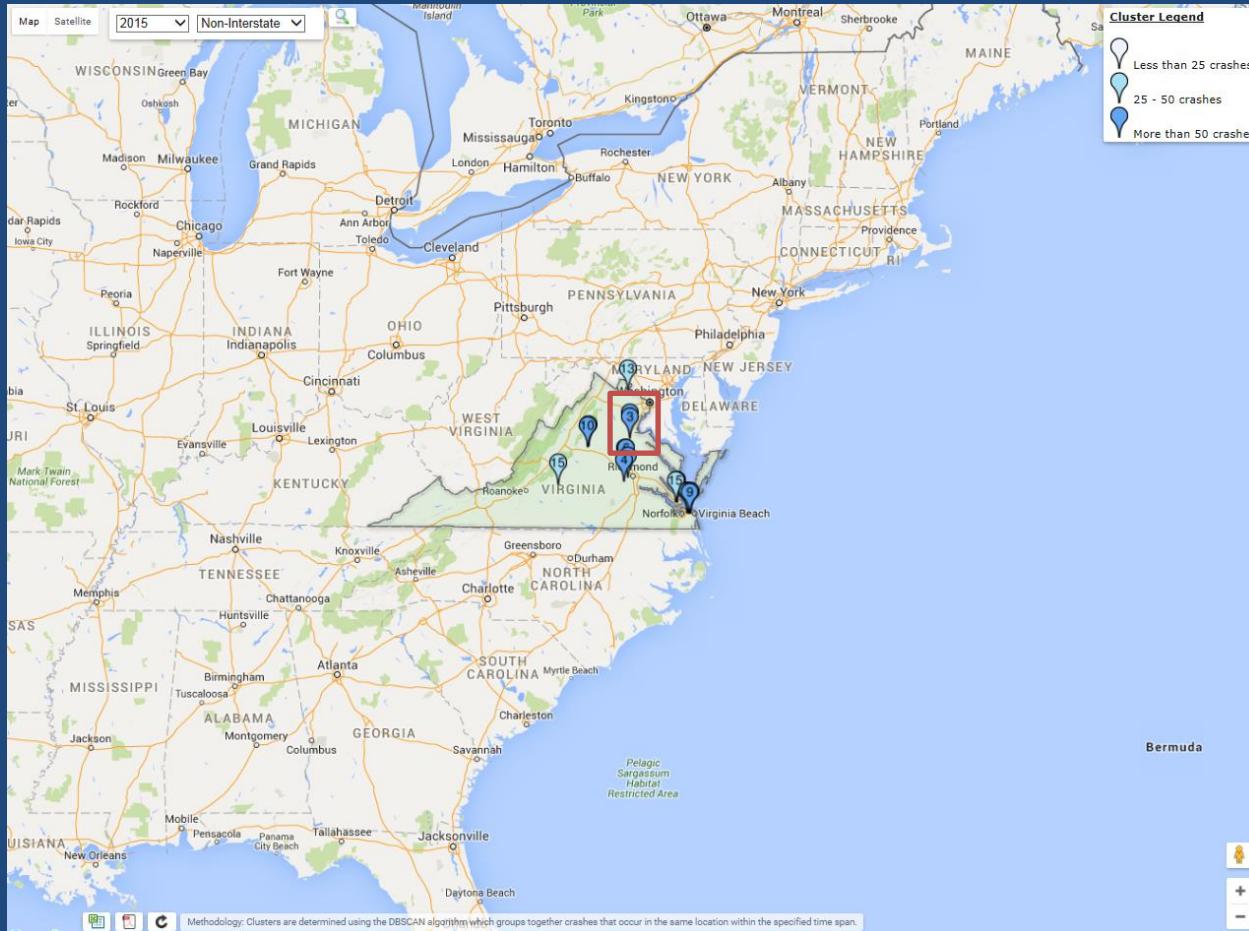
- Clusters are ranked by their number of crashes. The highest ranked cluster is one (1).
- Clusters with the same number of crashes will have the same cluster rank.
- Refer to the Cluster Legend for the number range of crashes in each cluster.

Click Next to proceed.

Clusters



[Maps
Menu](#)



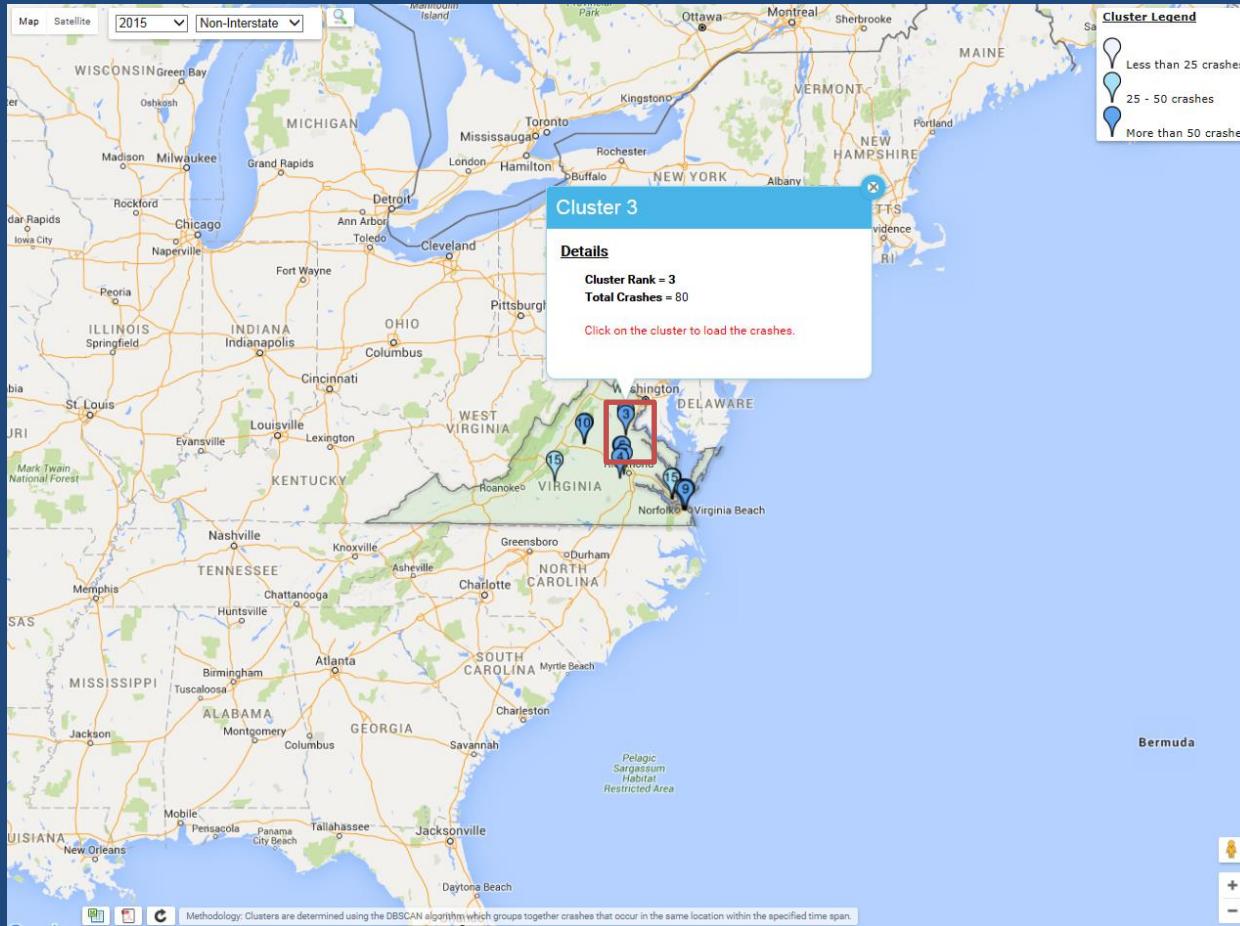
In TREDS, you can hover over the highlighted cluster to view information.

Click the highlighted cluster to proceed.

Clusters



[Maps
Menu](#)



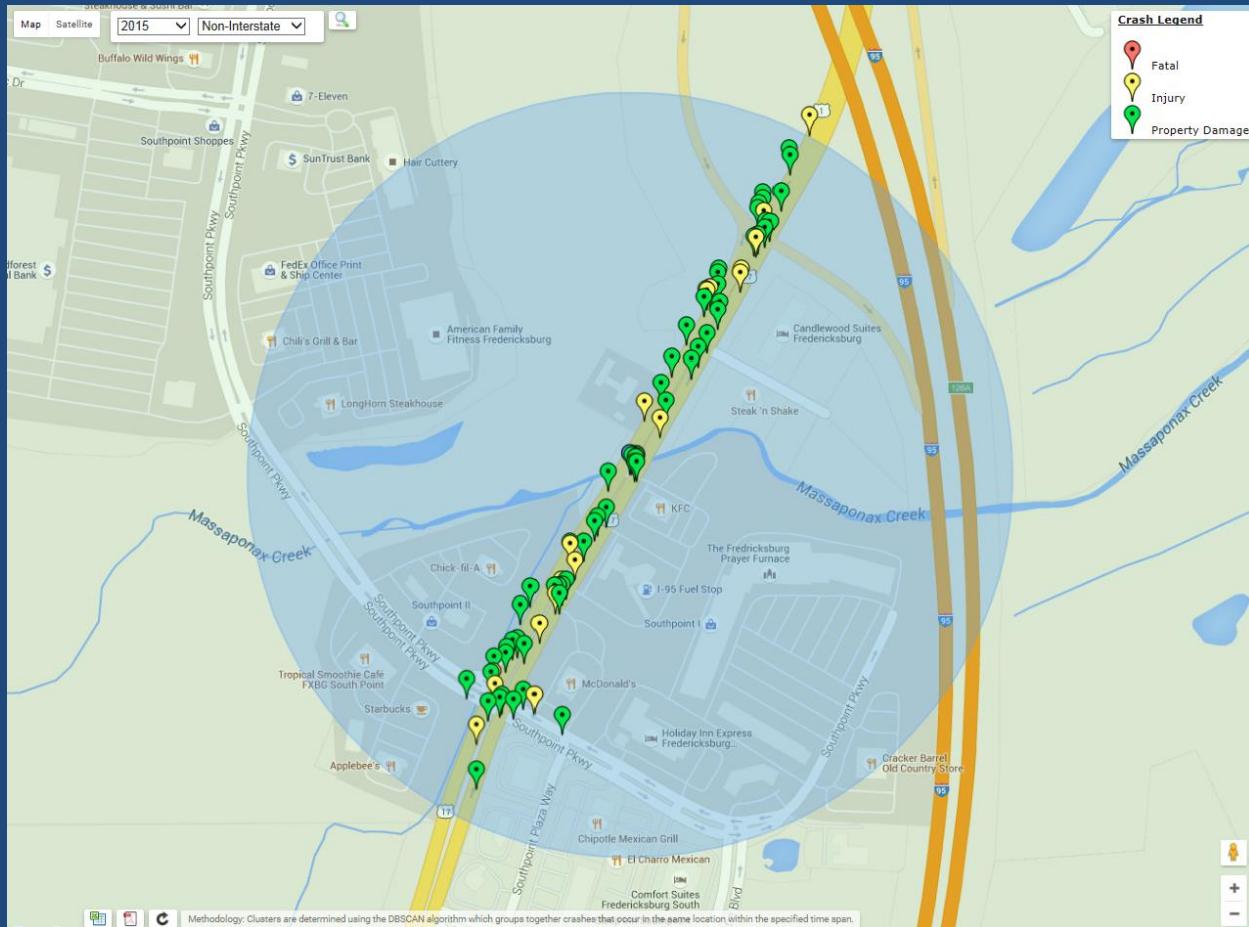
On this screen, the cluster details information appears.

Click the highlighted cluster to view the crashes within the selected cluster.

Crashes



[Maps
Menu](#)



On this screen every crash within the cluster displays.

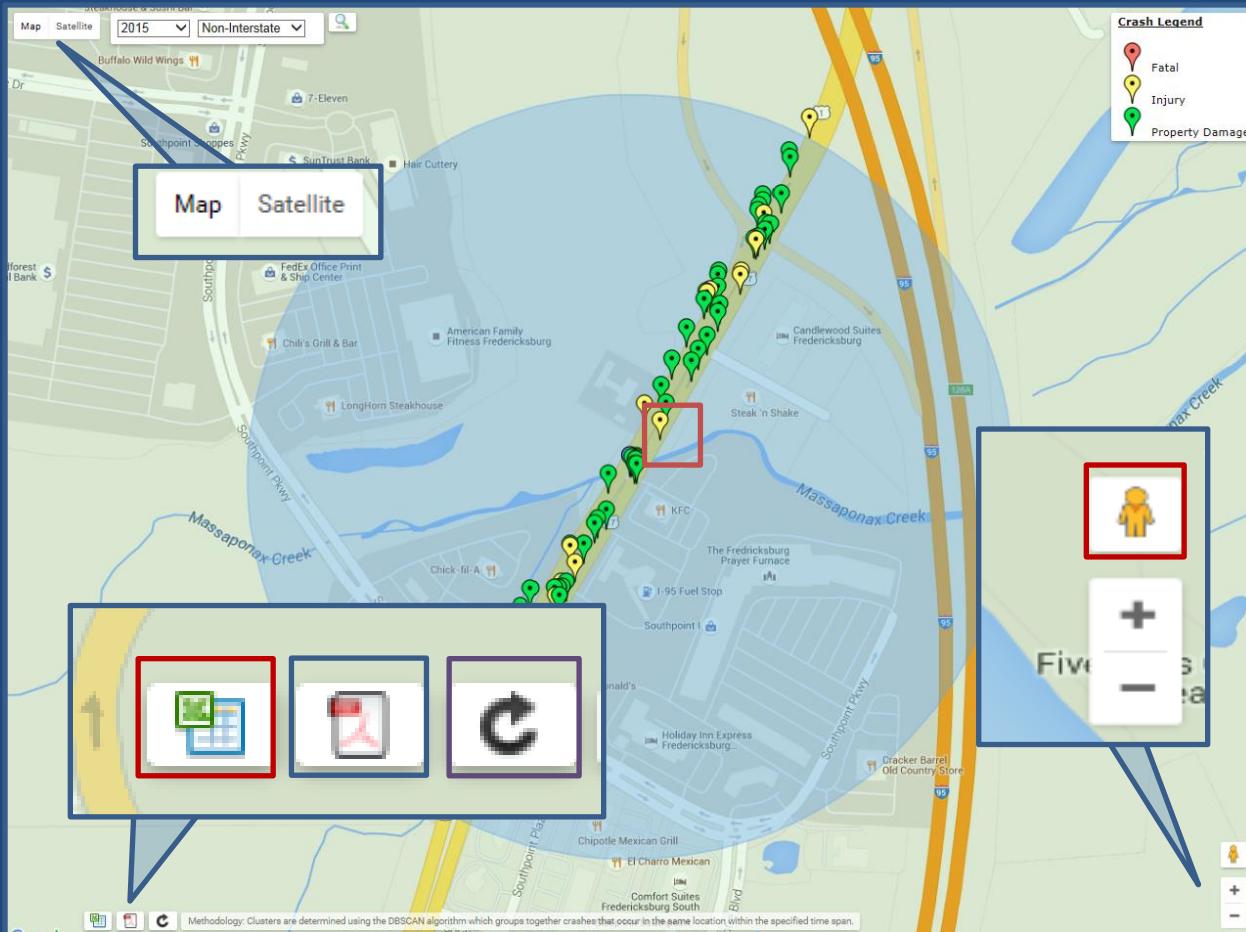
See the Crash Legend for the crash type (Fatal, Injury, or Property Damage).

Click the map or Next to proceed.

High Crash Location Maps Menu



[Maps
Menu](#)

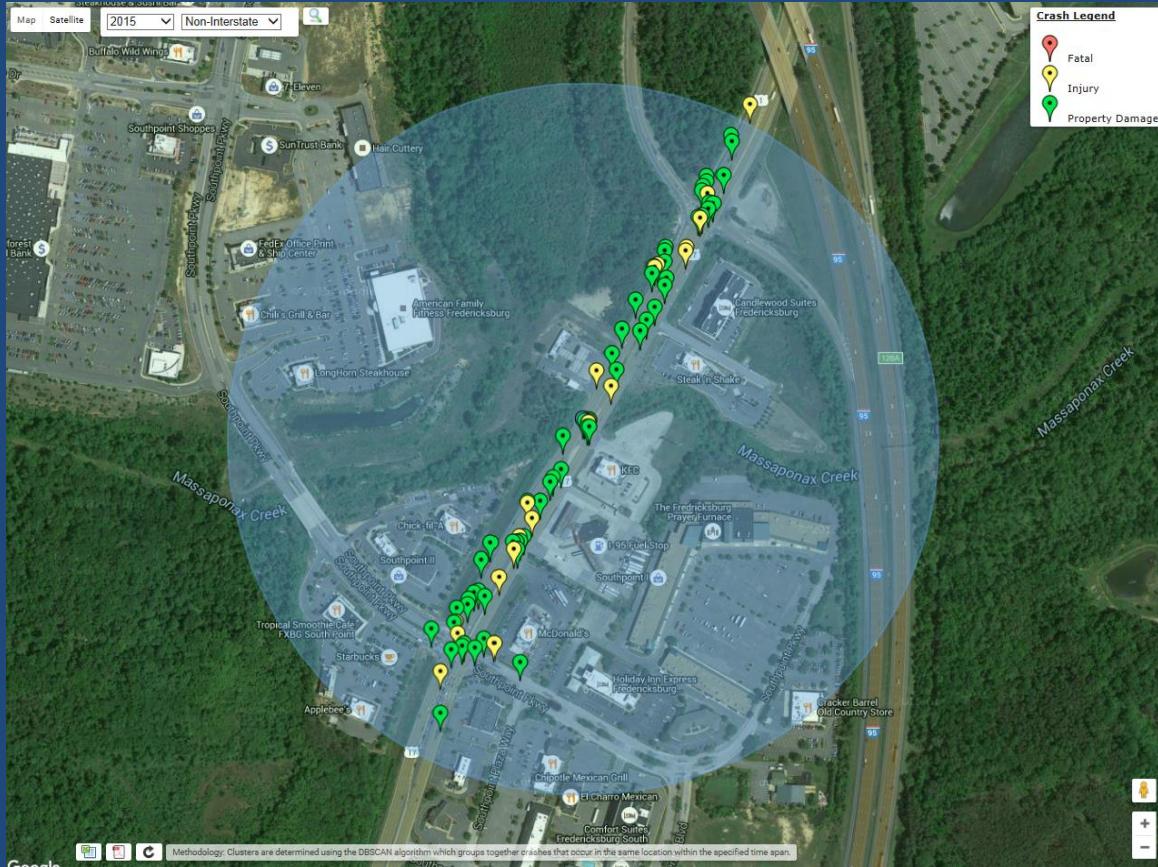


Click the highlighted crash for details or click the icons for more options.

Map/Satellite View



[Maps](#)
[Menu](#)



You can toggle your view between map and satellite view.

In the picture to the left, the view is satellite.

Click Back to return to the previous screen.

Excel Report



[Maps](#)
[Menu](#)

Cluster Rank	Jurisdiction	Street	Document Number	GPS Latitude	GPS Longitude	Crash Date	Crash Type	# of Fatalities	# of Injuries
2	Virginia Beach	INDEPENDENCE BLVD	153605215	36.83645	-76.13719	12/17/2015 17:00	Property Damage	0	0
2	Virginia Beach	INDEPENDENCE BLVD	160175191	36.83847	-76.13712	12/22/2015 16:35	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150245143	38.23483	-77.5022	1/11/2015 15:40	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150295188	38.2377	-77.50011	1/26/2015 17:38	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150305219	38.23641	-77.5011	1/29/2015 13:51	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150365041	38.23726	-77.50046	2/4/2015 12:30	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150435199	38.23704	-77.5004	2/9/2015 19:50	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150455025	38.23731	-77.50042	2/10/2015 5:30	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150475047	38.23274	-77.50358	2/14/2015 12:36	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150475146	38.23608	-77.50106	2/14/2015 14:01	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150615317	38.23585	-77.50124	3/2/2015 11:07	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150625075	38.23737	-77.50021	3/2/2015 14:00	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150695160	38.23419	-77.50248	3/9/2015 16:20	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150715328	38.23379	-77.50278	3/12/2015 16:00	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150725483	38.23345	-77.50299	3/13/2015 13:48	Injury	0	1
3	Spotsylvania	JEFFERSON DAVIS HWY	150775241	38.23212	-77.50372	3/18/2015 17:07	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150835248	38.23324	-77.50337	3/24/2015 14:30	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150855336	38.23332	-77.50324	3/26/2015 18:12	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	150895095	38.23532	-77.5016	3/28/2015 17:15	Injury	0	2
3	Spotsylvania	JEFFERSON DAVIS HWY	150905171	38.23547	-77.50179	3/31/2015 13:09	Injury	0	1
3	Spotsylvania	JEFFERSON DAVIS HWY	151125234	38.23653	-77.50094	4/22/2015 9:09	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151135355	38.23402	-77.50259	4/23/2015 10:58	Injury	0	2
3	Spotsylvania	JEFFERSON DAVIS HWY	151185068	38.23496	-77.50189	4/25/2015 12:50	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151225072	38.23372	-77.50277	5/1/2015 15:17	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151225084	38.23301	-77.50355	5/1/2015 16:01	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151335108	38.23492	-77.5019	5/8/2015 12:30	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151345135	38.23696	-77.50052	5/8/2015 15:40	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151295152	38.23379	-77.50278	5/9/2015 12:42	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151295199	38.23496	-77.50189	5/9/2015 13:46	Injury	0	1
3	Spotsylvania	JEFFERSON DAVIS HWY	151325213	38.23372	-77.50281	5/11/2015 15:10	Injury	0	2
3	Spotsylvania	JEFFERSON DAVIS HWY	151315484	38.2363	-77.50094	5/11/2015 15:45	Property Damage	0	0
3	Spotsylvania	JEFFERSON DAVIS HWY	151425100	38.23698	-77.50047	5/21/2015 15:01	Property Damage	0	0

The High Crash Location Report displays in Excel and information for all crashes in the clusters based on the year and road type selected.

Click Back to return to the previous screen.

PDF Report



[Maps](#)
[Menu](#)

High Crash Locations (Statewide)

Road Type: Non-Interstate

Filtered By: All Crashes

Date Range: 1/1/2015 To 12/31/2015

Cluster Rank	Jurisdiction	Location Name	# Of Crashes
1	Henrico County	<ul style="list-style-type: none">• Broad St• John Rolfe Pkwy• Pouncey Tract Rd• Pump Rd	127
2	Hampton City	<ul style="list-style-type: none">• Mercury Blvd• Power Plant Pkwy• Power Plant Pkwy Ramp• Power Plant Way• Todds Ln	82
2	Virginia Beach City	<ul style="list-style-type: none">• Bonney Rd• Columbus St• Euclid Rd• Independence Blvd	82
3	Spotsylvania County	<ul style="list-style-type: none">• Jefferson Davis Hwy• Southpoint Pkwy	80
4	Chesterfield County	<ul style="list-style-type: none">• Commonwealth Centre Pkwy• Hull St Rd• Hull Street Rd• Old Hundred Rd• Va-288• Va-288 Ramp	75
5	Fredericksburg City	<ul style="list-style-type: none">• Carl D Silver Pkwy• Carl D Silver Pkwy Ramp• Plank Rd• Plank Rd Ramp	71
6	Henrico County	<ul style="list-style-type: none">• Broad St• Brookriver Dr	62
7	Chesterfield County	<ul style="list-style-type: none">• Midlothian Tpke• Turner Rd	61

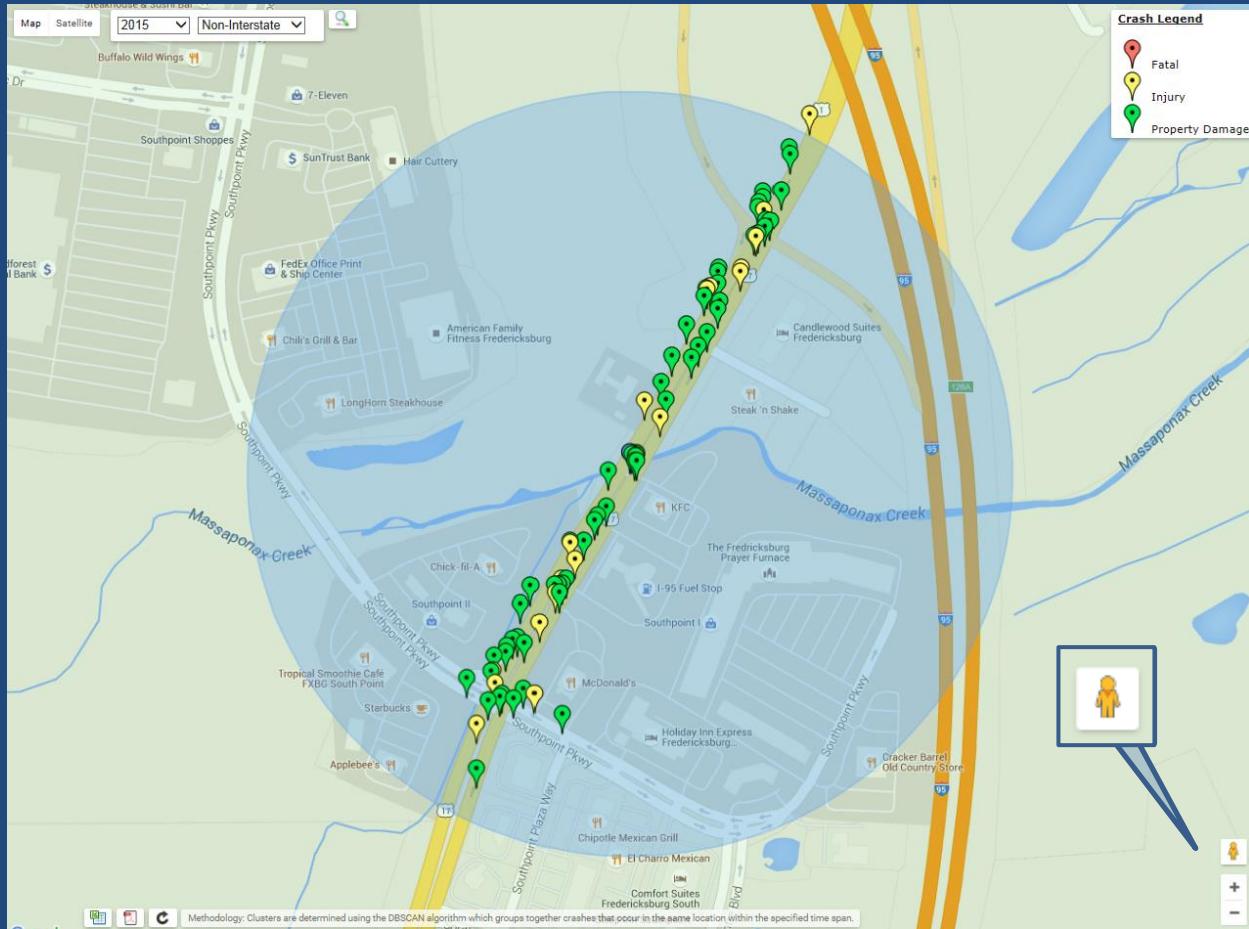
The PDF High Crash Location Report displays high level information for each cluster based on the year and road type selected.

Click Back to return to the previous screen.

Pegman



[Maps
Menu](#)



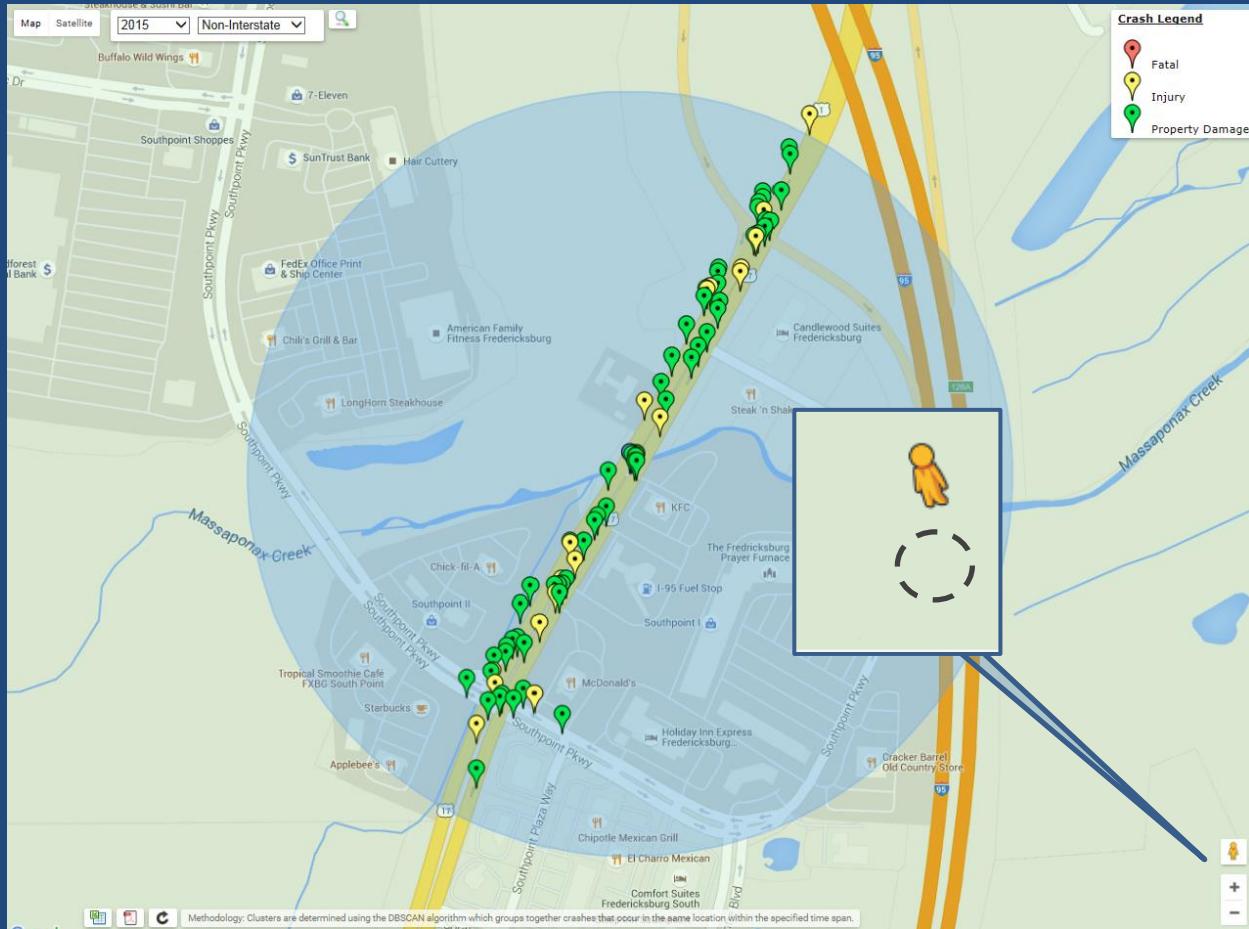
With your right mouse button, select the Pegman icon. You will drag and drop the icon to a crash or other location on the map.

Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



[Maps](#)
[Menu](#)



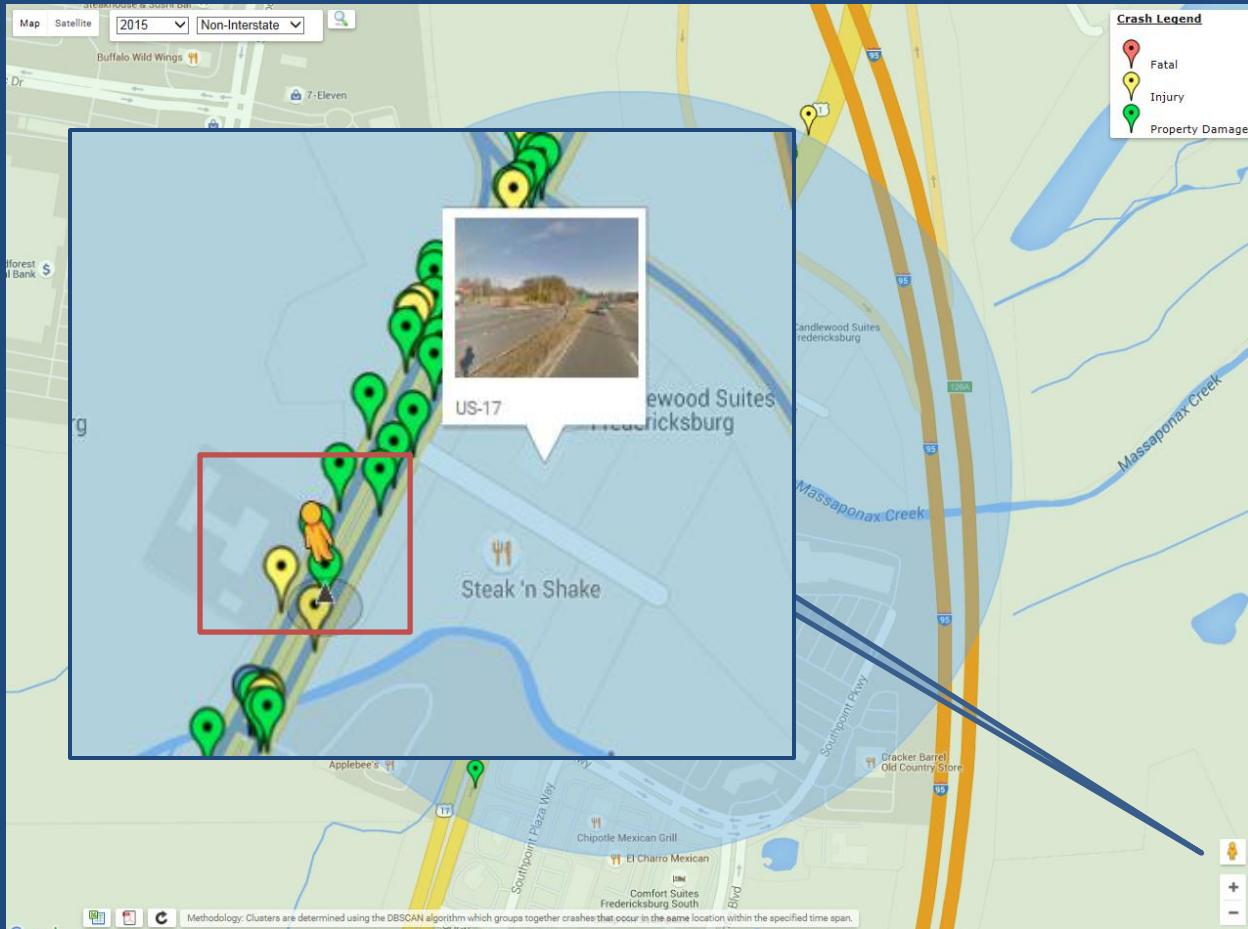
Use your mouse to advance the icon to a selected crash or area on the map.

Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



[Maps
Menu](#)



After you have selected a crash, a small pop-up map appears next to the icon.

Release your mouse button.

Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



[Maps](#)
[Menu](#)



After you have selected a cluster, this screen allows you a very close up view of a particular location or crash.

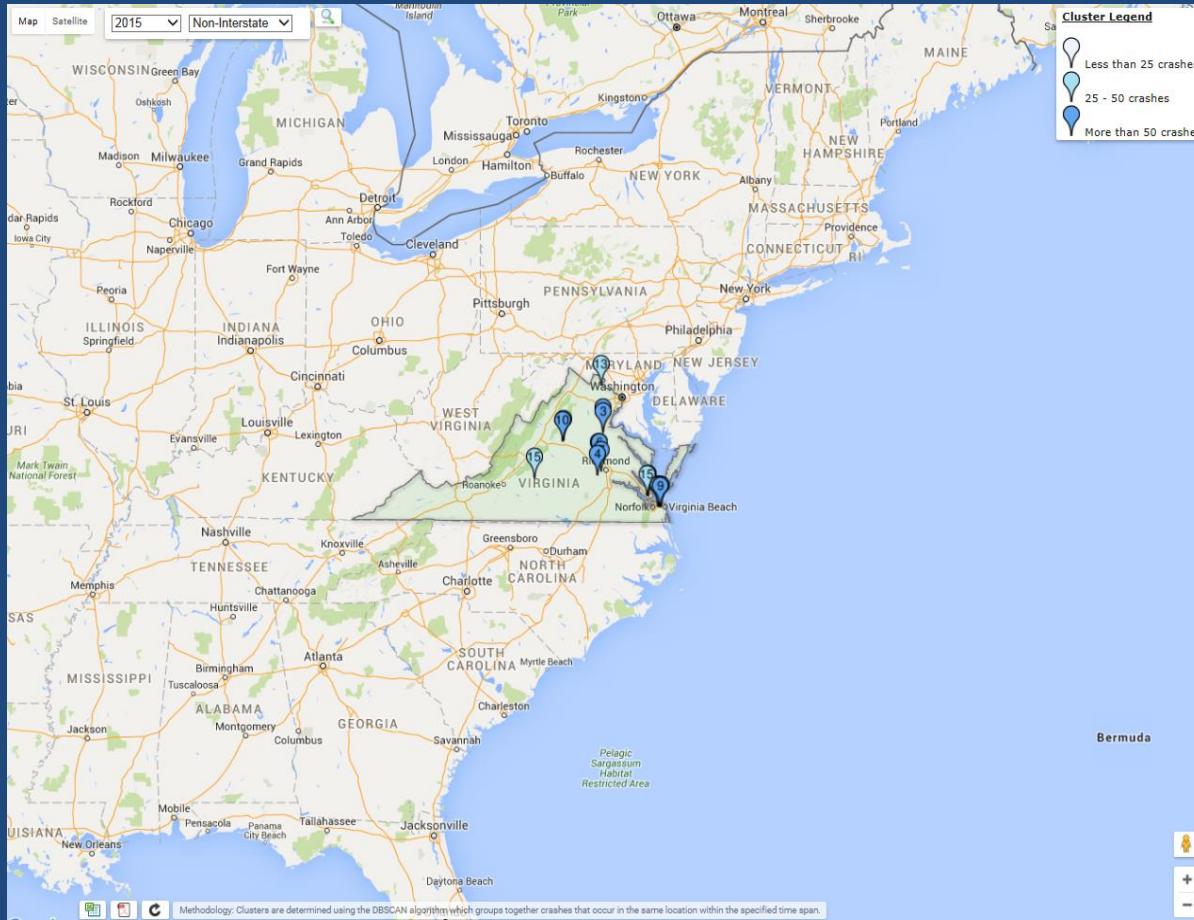
By using the icons on the screen, you can zoom in or out, change direction, select other crashes, or return to the Map screen.

Click Back to return to the previous screen or Next to return to the Crashes screen.

Reset



[Maps](#)
[Menu](#)



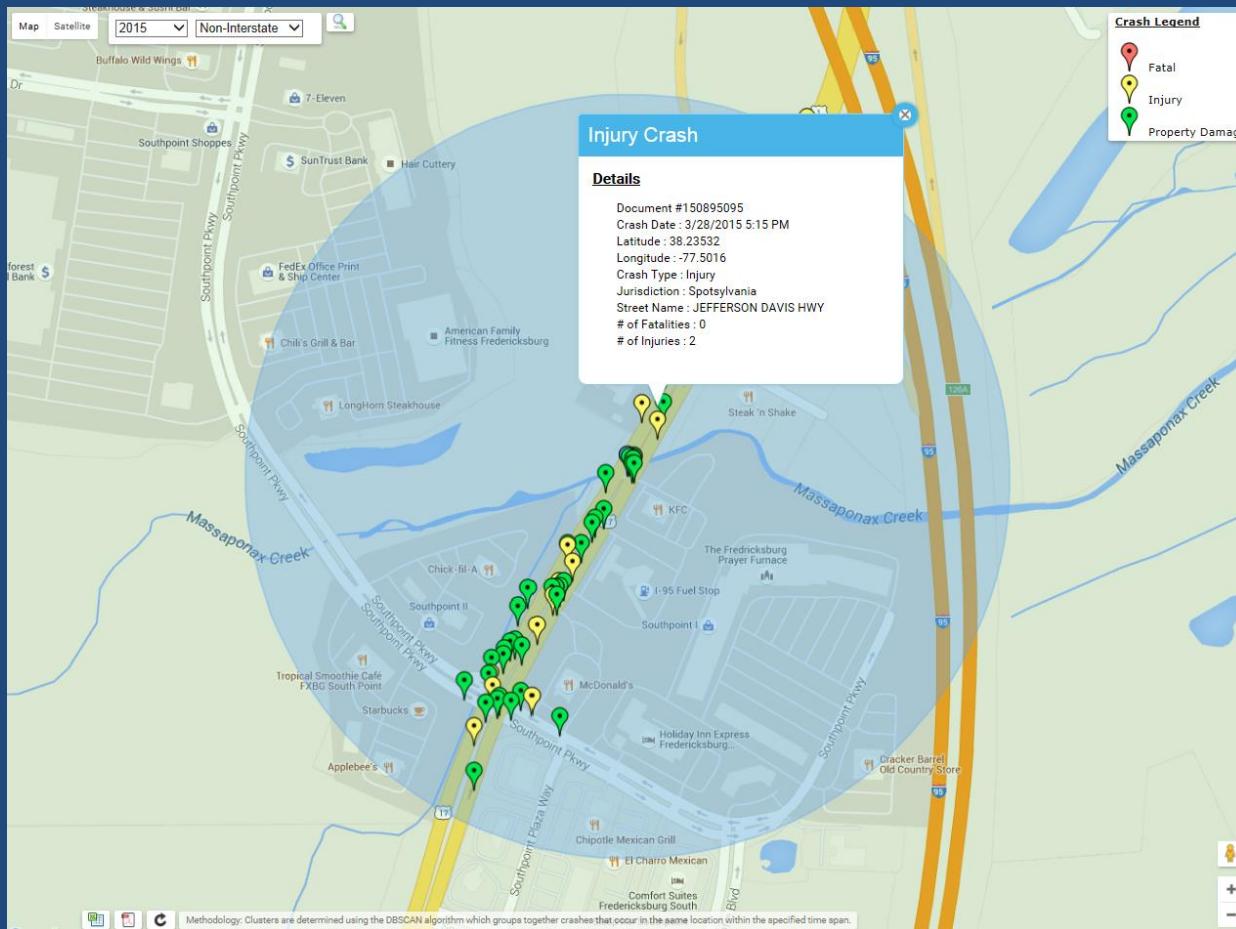
**After the user clicks
Reset, TREDs returns
him or her to the
previous screen.**

**Click Back to return to
the previous screen.**

Crash Details



[Maps](#)
[Menu](#)



This screen provides you with information about a specific crash.

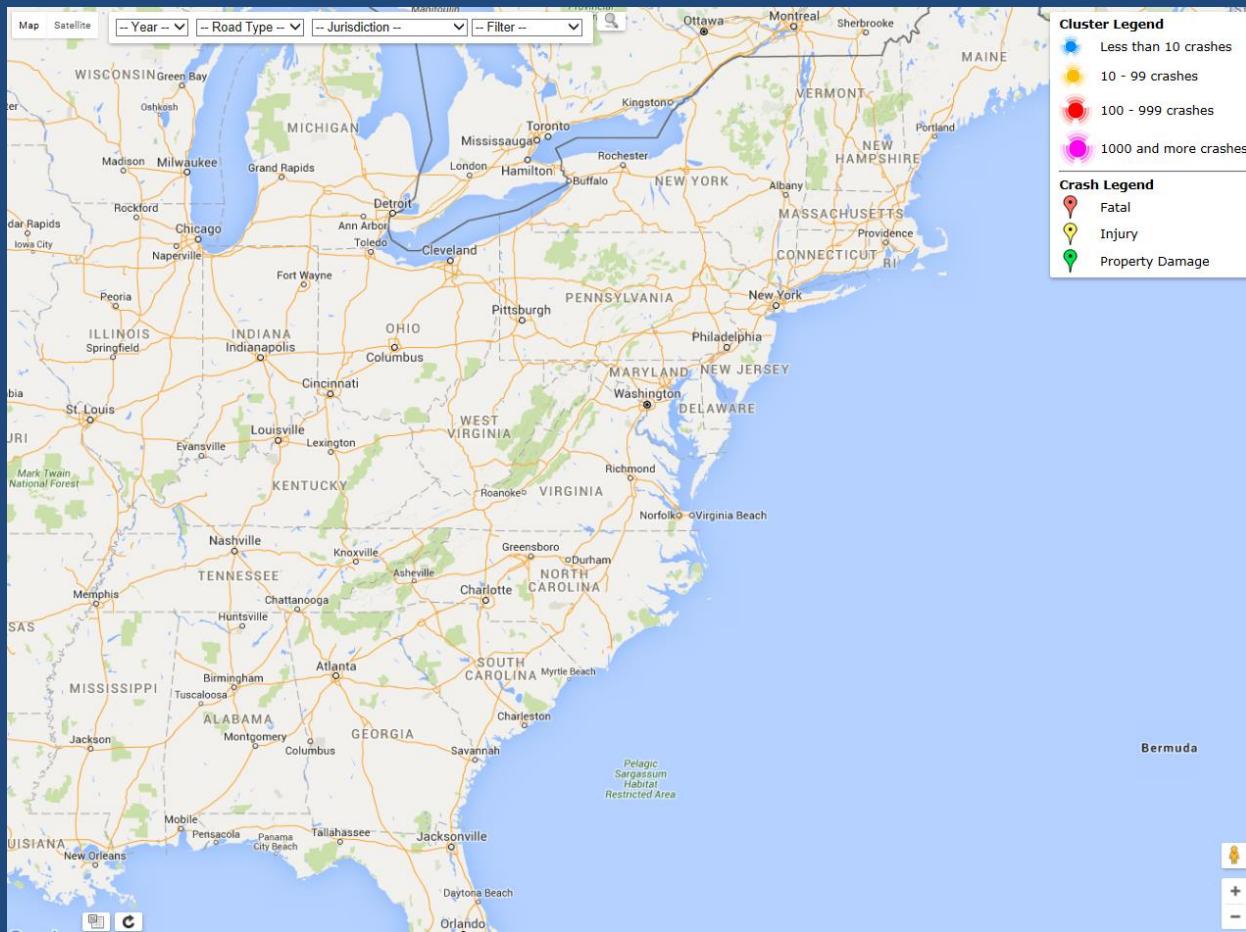
You have now finished the High Crash Location Maps section.

Click the Maps Menu to return to the Maps Menu or click the map or Back to return to the High Crash Location Map Menu.

Jurisdiction Crash Maps



[Maps](#)
[Menu](#)



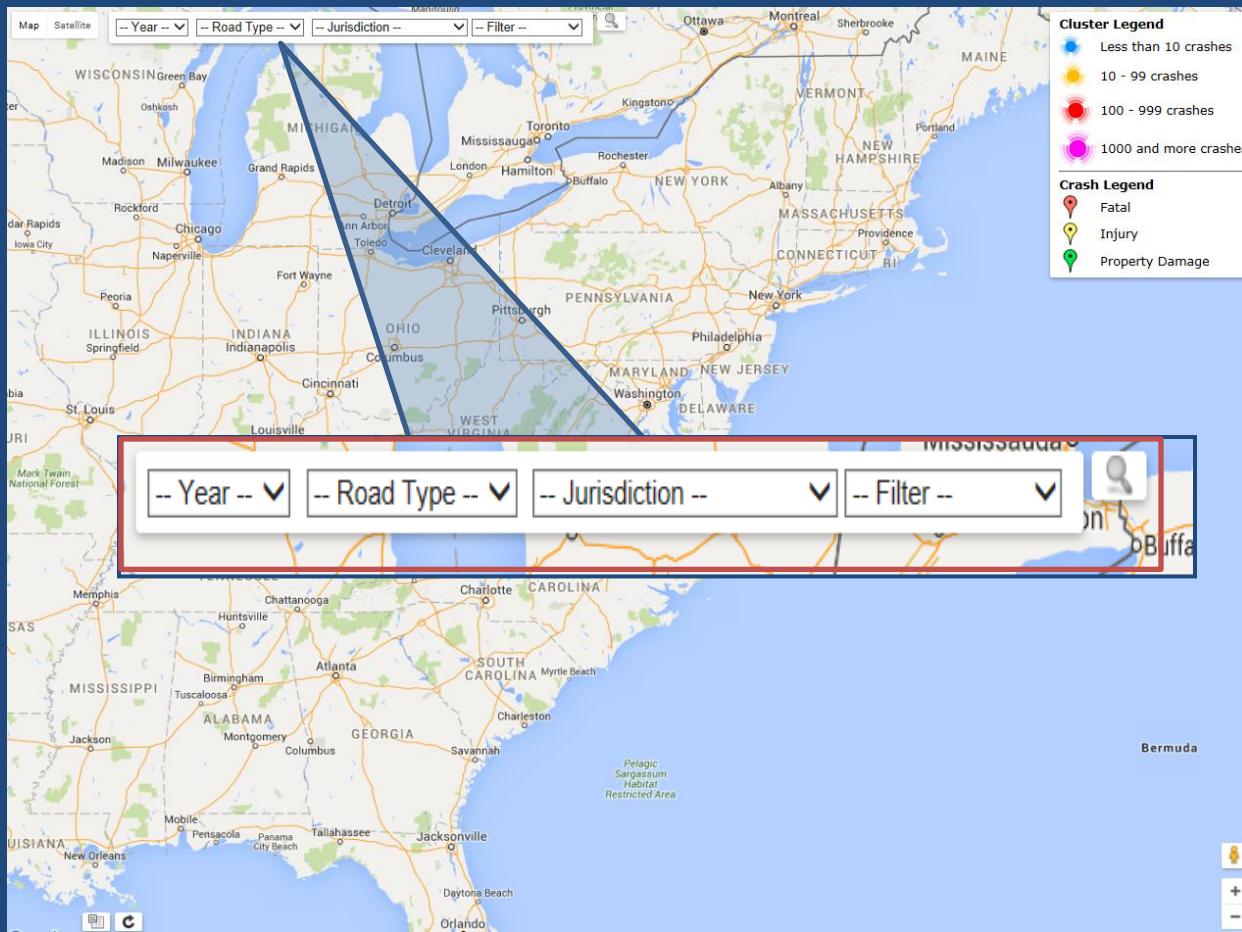
After you select
Jurisdiction Crash
Maps, the
following screen
appears.

Click the map or
Next to proceed
to the following
slide.

Jurisdiction Crash Maps



[Maps](#)
[Menu](#)



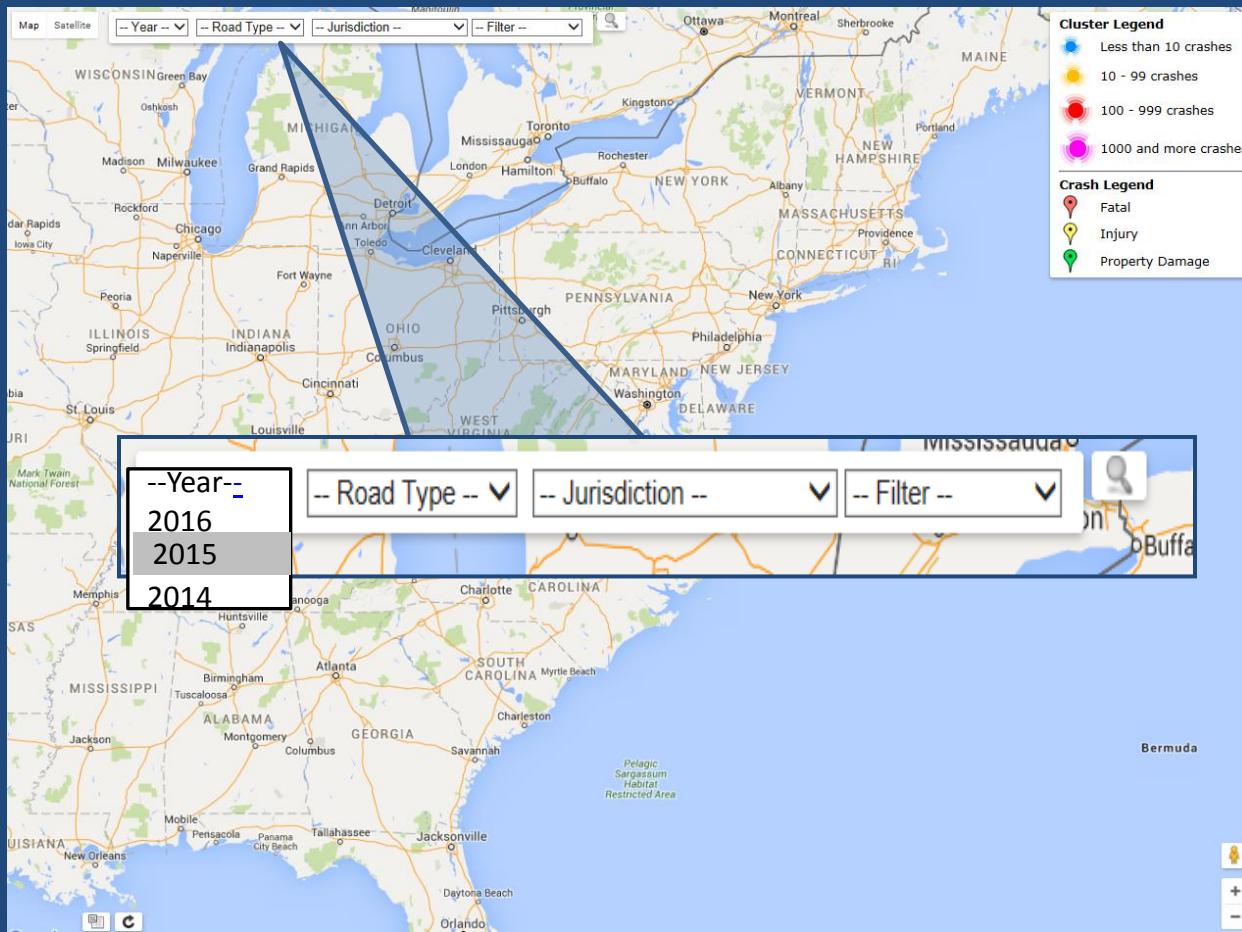
To search for clusters/crashes, select the year, road type, jurisdiction, and filter from their respective drop-down menus.

Click the menus or Next to proceed to the following slide.

Jurisdiction Crash Maps



[Maps](#)
[Menu](#)



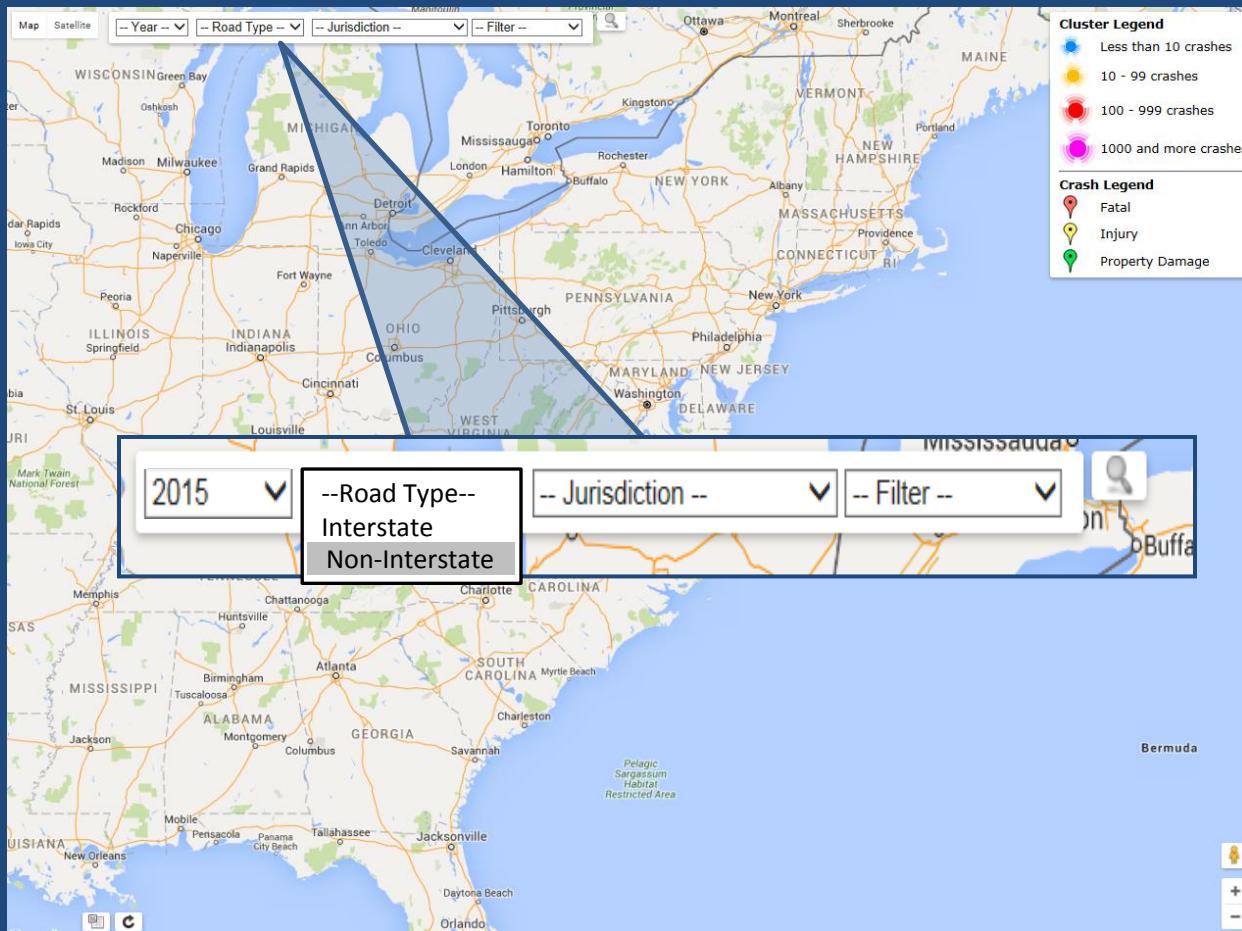
First, select the year from the Year drop-down menu.

Click the year or Next to proceed to the following slide.

Jurisdiction Crash Maps



[Maps](#)
[Menu](#)

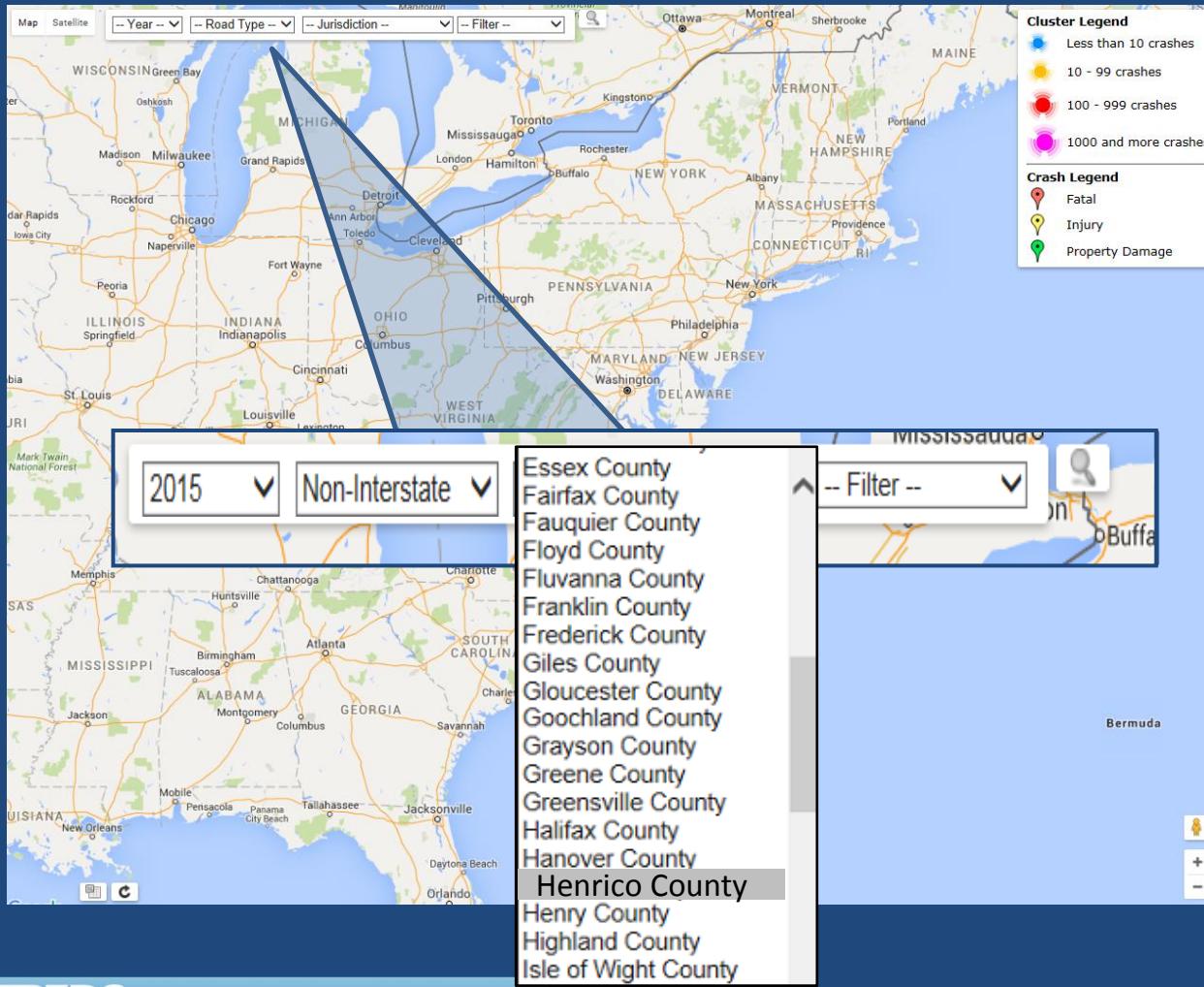


Select the road type from the Road Type drop-down menu.

Click the road type or Next to proceed to the following slide.

Jurisdiction Crash Maps

[Maps](#)
[Menu](#)



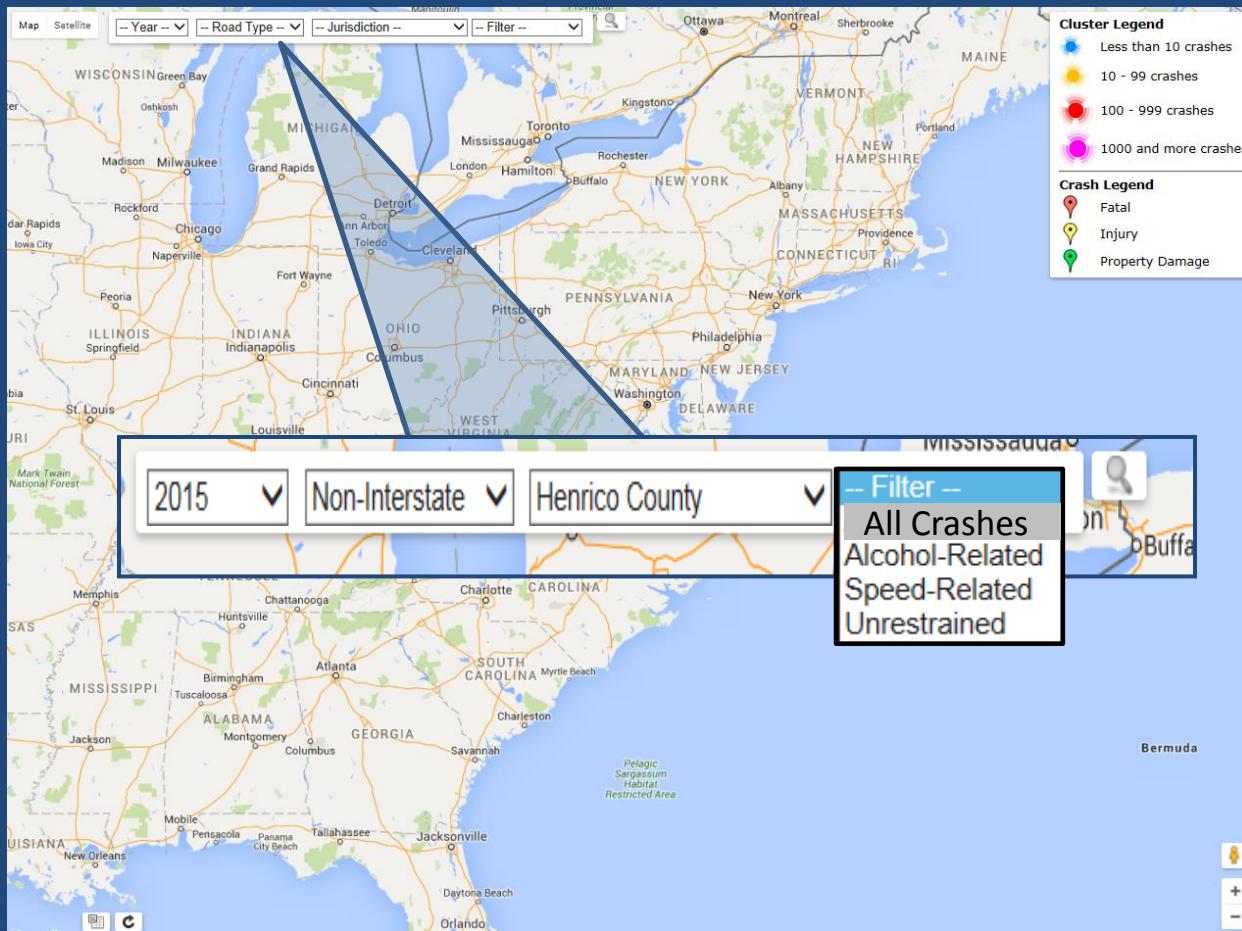
Select your jurisdiction (county or city) from the Jurisdiction drop-down menu.

Click the county or Next to proceed to the following slide.

Jurisdiction Crash Maps



[Maps
Menu](#)



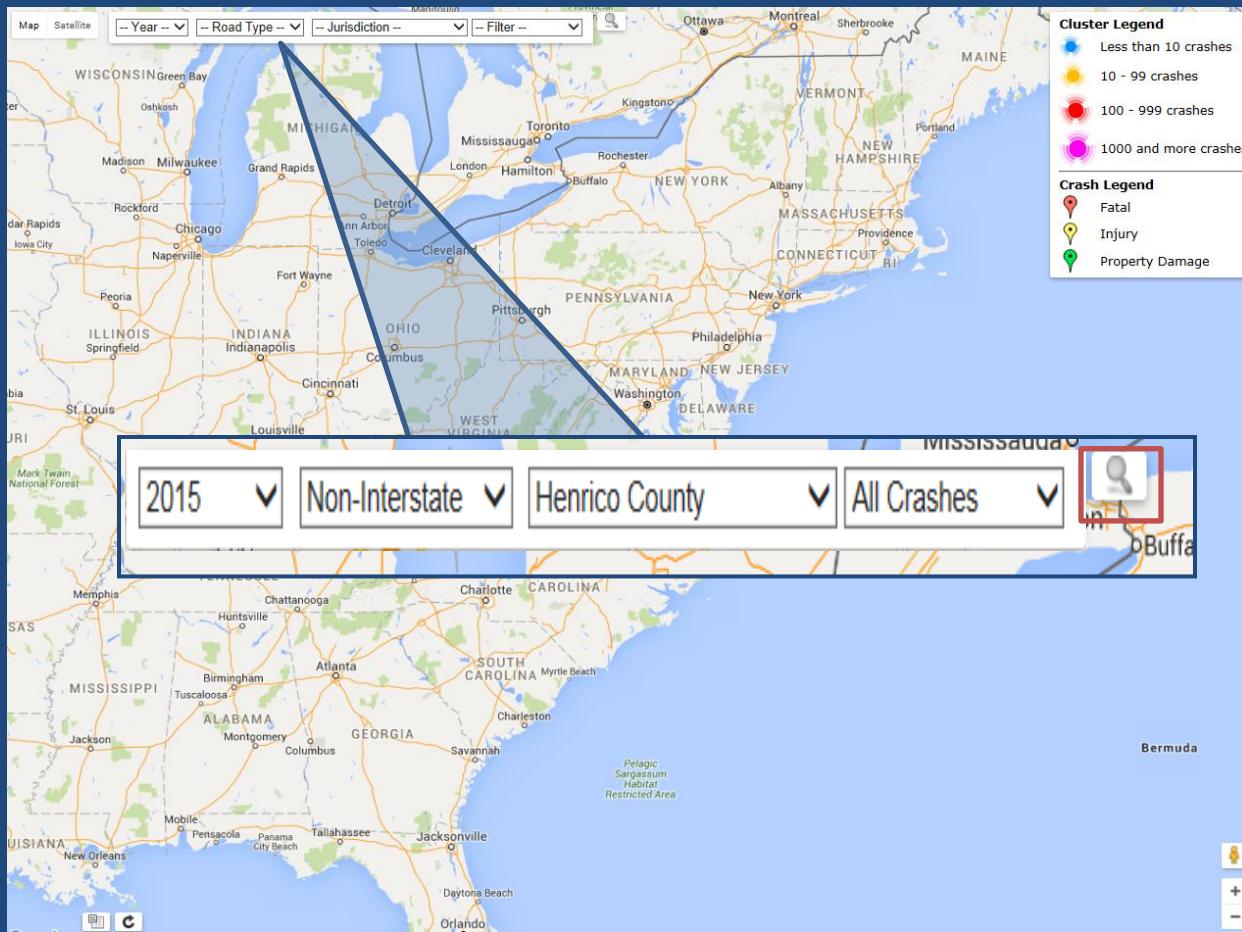
Select a filter from the Filter drop-down menu.

Click the filter or Next to proceed to the following slide.

Jurisdiction Crash Maps



[Maps](#)
[Menu](#)



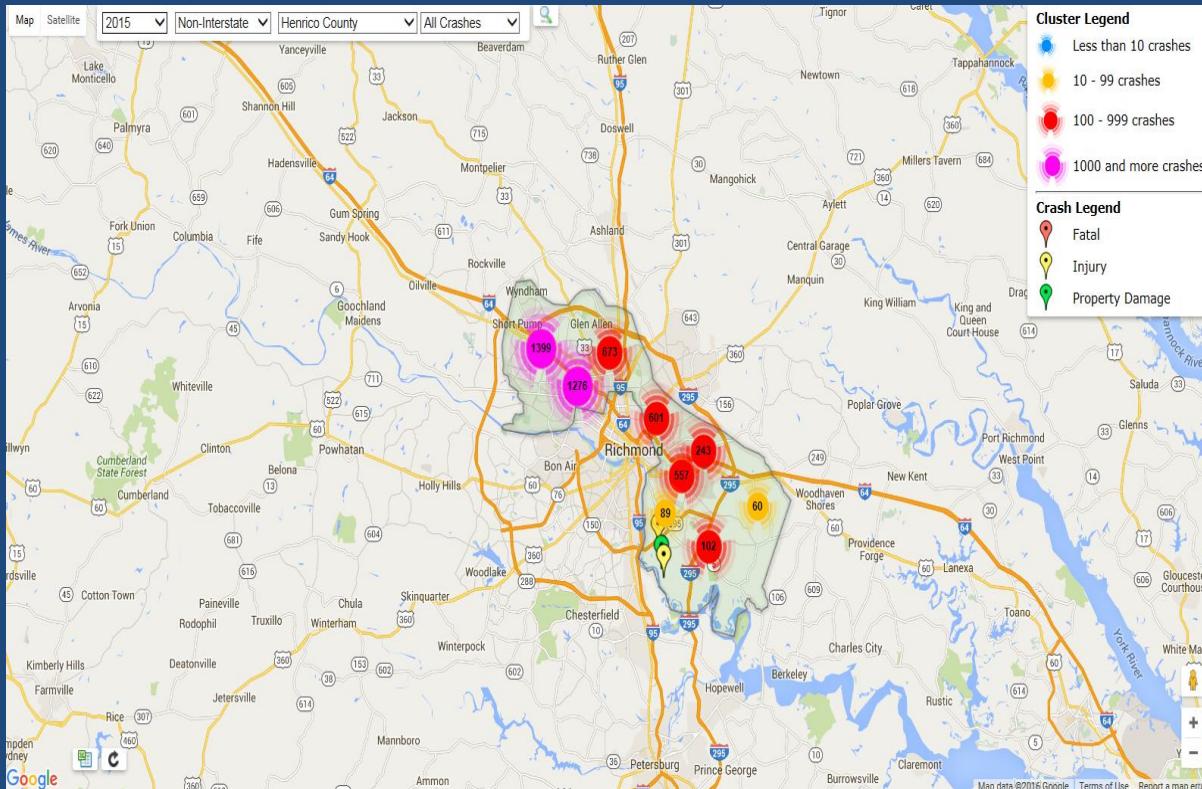
In this example,
the search criteria
were identified as
**2015 non-
interstate crashes
in Henrico county
with no filters.**

After you have
made your
selections, click the
Search icon or Next
to proceed.

Clusters



[Maps
Menu](#)



On this screen
selectable
clusters/crashes
appear.

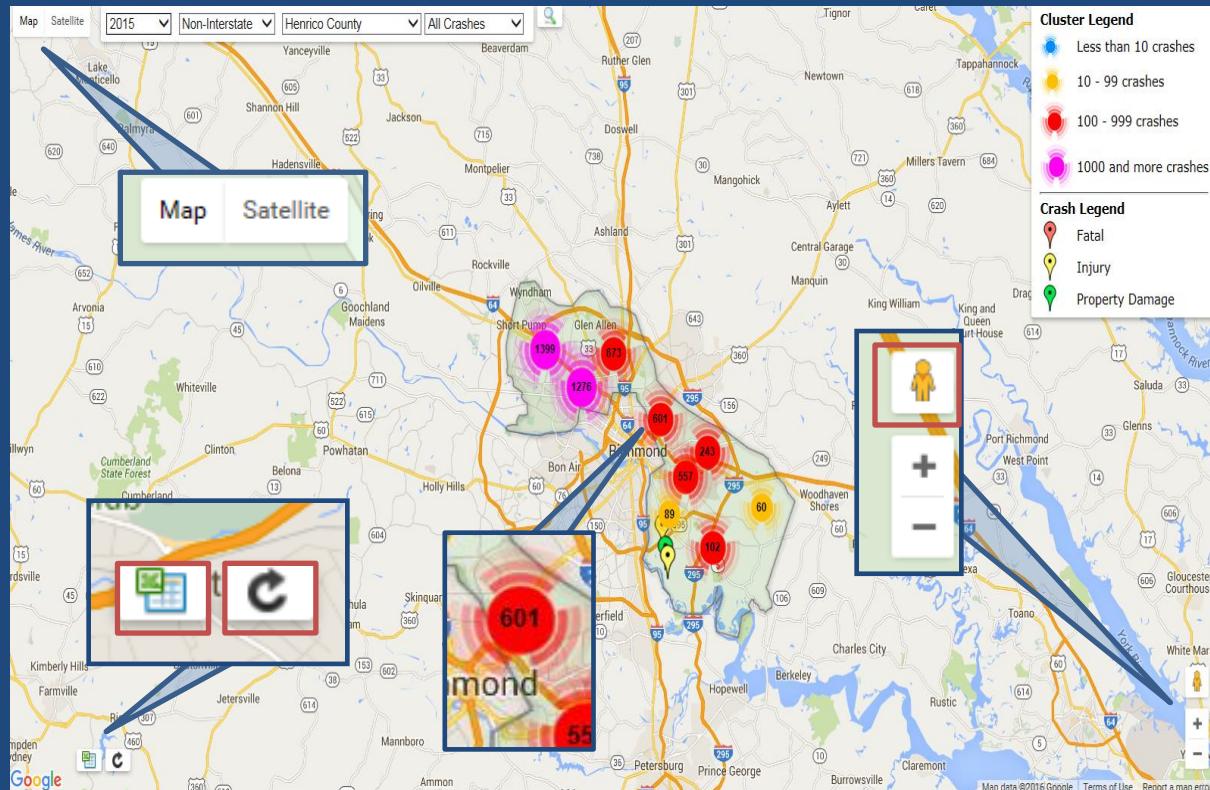
Refer to the
Cluster or Crash
Legend for more
information
about the
clusters.

Click the map or
Next to proceed
to the following
slide.

Jurisdiction Crash Map Menu



[Maps](#)
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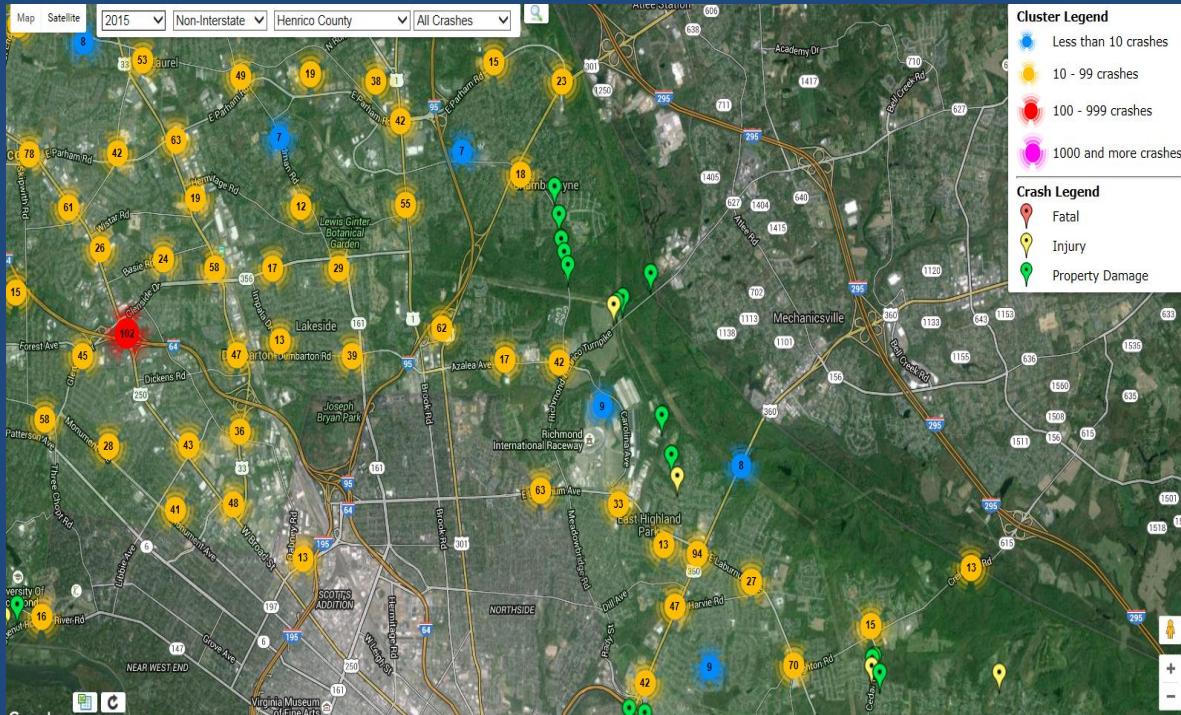


Click the
highlighted
cluster for details
or click the icons
for more options.

Map/Satellite View



[Maps](#)
[Menu](#)



You can toggle your view between map and satellite view.

In the picture to the left, the view is satellite.

Click Back to return to the previous screen.

Excel Report



[Maps](#)
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Document Number	Crash Date	Crash Type	Jurisdiction	Street Name	GPS Latitude	GPS Longitude	# of Fatalities	# of Injuries	Alcohol Related	Speed Related
153575444	12/23/2015 16:02	Injury	Henrico County	CARLTON RD	37.57224	-77.39399	0	2	No	No
150285111	1/28/2015 10:11	Property Damage	Henrico County	CAROUSEL LN	37.62819	-77.53343	0	0	No	No
152745588	10/1/2015 23:00	Property Damage	Henrico County	CARPENTER RD	37.58742	-77.40199	0	0	No	No
151195263	4/28/2015 20:48	Property Damage	Henrico County	CASTILE RD	37.59408	-77.59817	0	0	No	No
153265283	11/22/2015 19:56	Property Damage	Henrico County	CASTILE RD	37.59449	-77.60072	0	0	No	No
151565170	6/5/2015 10:00	Property Damage	Henrico County	CASTILE RD	37.59472	-77.60213	0	0	No	No
152955280	10/22/2015 8:02	Property Damage	Henrico County	CASTILE RD	37.59502	-77.60407	0	0	No	No
152925100	10/19/2015 7:37	Property Damage	Henrico County	CASTILE RD	37.59506	-77.60427	0	0	No	No
152735351	9/29/2015 11:10	Property Damage	Henrico County	CASTILE RD	37.59521	-77.60475	0	0	No	No
153545185	12/20/2015 13:00	Property Damage	Henrico County	CEDAR FORETER	37.55341	-77.35928	0	0	No	No
152585262	9/15/2015 10:00	Property Damage	Henrico County	CHAMBERLAYNE AVE	37.616	-77.45439	0	0	No	No
151525215	5/31/2015 9:30	Injury	Henrico County	CHAMBERLAYNE AVE	37.62531	-77.4556	0	1	No	No
152075079	7/25/2015 4:59	Property Damage	Henrico County	CHAMBERLAYNE AVE	37.61775	-77.4546	0	0	No	No
153645447	12/29/2015 17:45	Property Damage	Henrico County	CHARLES CITY RD	37.44893	-77.23774	0	0	No	No
151285011	5/7/2015 22:43	Injury	Henrico County	CHARLES CITY RD	37.45516	-77.24483	0	1	No	No
153435260	12/9/2015 14:30	Injury	Henrico County	CHARLES CITY RD	37.46421	-77.25584	0	1	No	No
151025120	4/12/2015 11:30	Injury	Henrico County	CHARLES CITY RD	37.46944	-77.26152	0	1	No	Yes
153335297	11/29/2015 18:33	Property Damage	Henrico County	CHARLES CITY RD	37.47291	-77.26726	0	0	No	No
153015212	10/24/2015 23:39	Fatal	Henrico County	CHARLES CITY RD	37.47419	-77.29426	1	0	Yes	No
153145412	11/10/2015 17:12	Property Damage	Henrico County	CHARLES CITY RD	37.51347	-77.37211	0	0	No	No
153065010	11/1/2015 23:46	Injury	Henrico County	CHARLES CITY RD	37.5136	-77.37271	0	2	No	Yes
151365005	5/15/2015 20:21	Injury	Henrico County	CHARLES CITY RD	37.51398	-77.37345	0	1	No	No
152675310	9/24/2015 9:52	Property Damage	Henrico County	CHARLES CITY RD	37.4459	-77.23326	0	0	No	No
150145026	1/14/2015 2:35	Property Damage	Henrico County	CHARLES CITY RD	37.50775	-77.35773	0	0	No	Yes
151085024	4/18/2015 4:38	Property Damage	Henrico County	CHARLES CITY RD	37.51679	-77.37726	0	0	No	No
150885178	3/29/2015 20:36	Property Damage	Henrico County	CHARLES CITY RD	37.51737	-77.37802	0	0	No	No
153295315	11/25/2015 5:46	Property Damage	Henrico County	CHARLES CITY RD	37.50987	-77.3629	0	0	No	No
150485361	2/17/2015 14:47	Property Damage	Henrico County	CHARLES CITY RD	37.5125	-77.369	0	0	No	No
150225077	1/22/2015 7:55	Injury	Henrico County	CHARLES CITY RD	37.51272	-77.36965	0	2	No	No
150935344	3/18/2015 19:38	Injury	Henrico County	CHARLES CITY RD	37.50375	-77.34943	0	2	No	No
151505078	5/30/2015 8:10	Property Damage	Henrico County	CHARLES CITY RD	37.47299	-77.26729	0	0	No	No

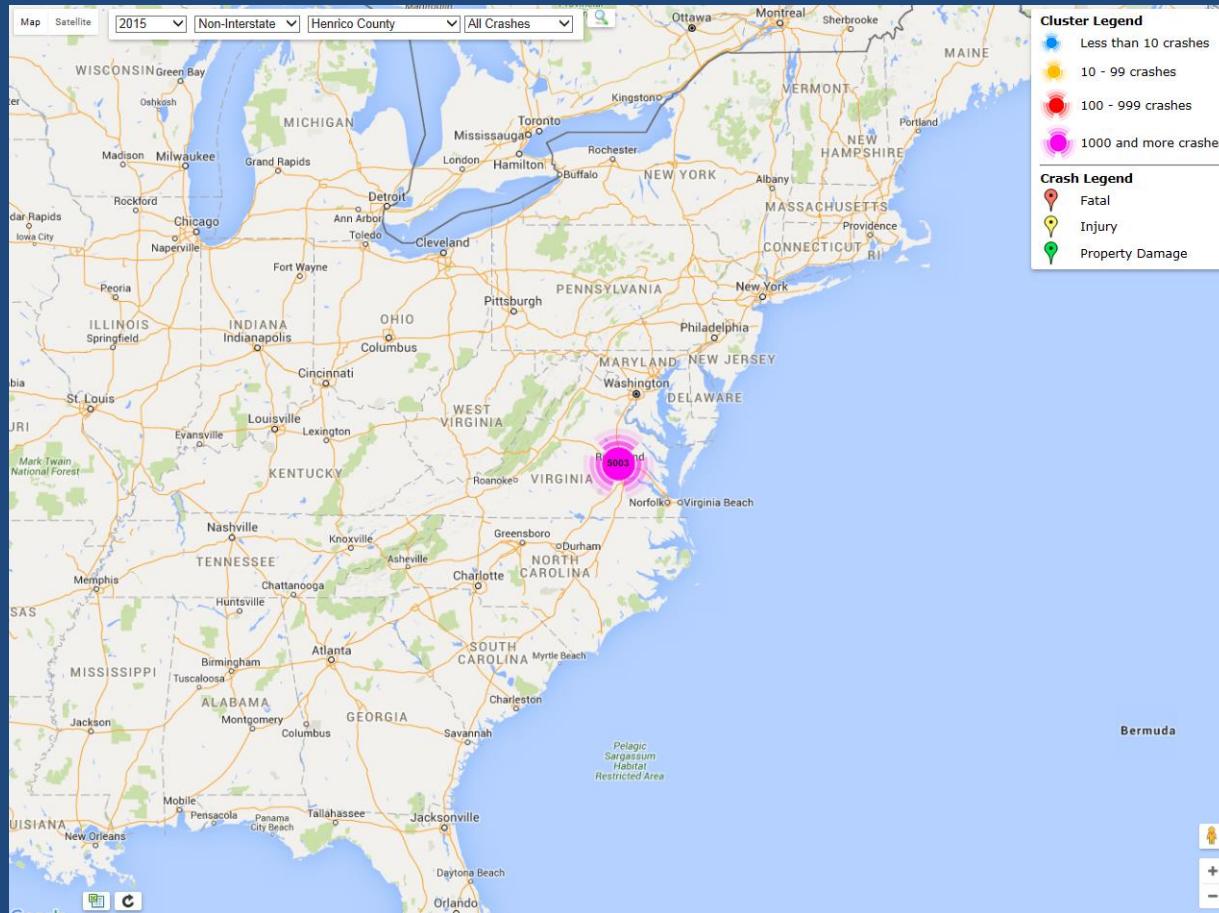
The Jurisdiction Crash Map Report displays in Excel and information for all crashes in the clusters based on the year and road type selected.

Click Back to return to the previous screen.

Reset



[Maps](#)
[Menu](#)



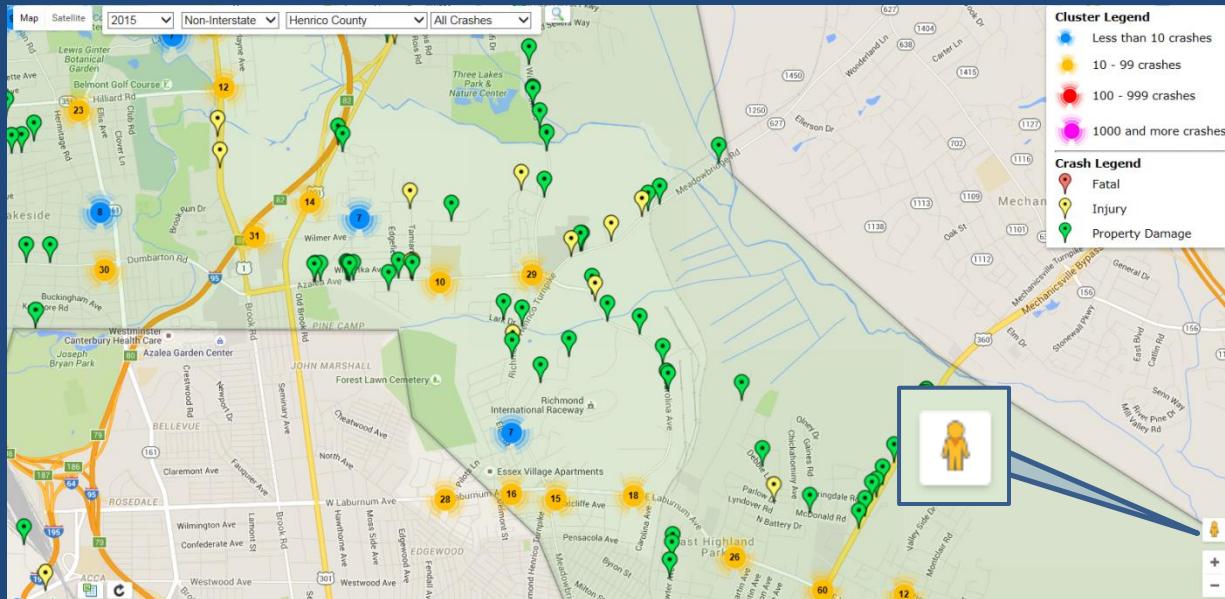
After the user clicks
Reset, TREDS returns
him or her to a zoomed
out view of the
previous screen.

Click Back to return to
the previous screen.

Pegman



[Maps](#)
[Menu](#)



With your right mouse button, select the Pegman icon. You will drag and drop the icon to a crash or other location on the map.

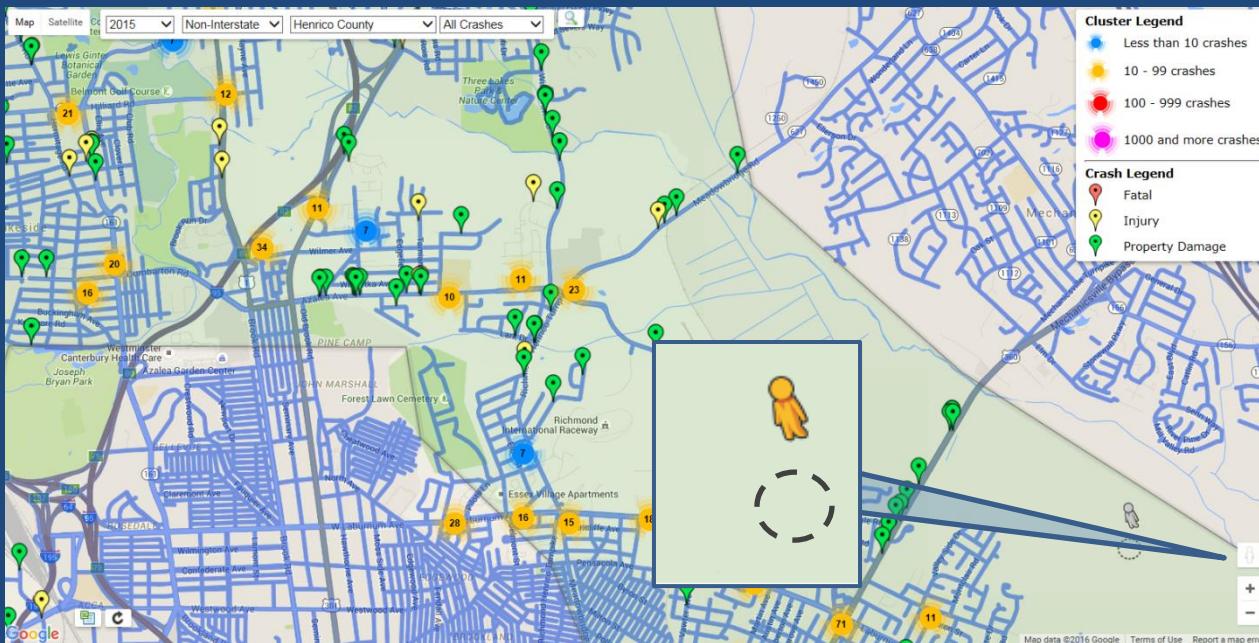
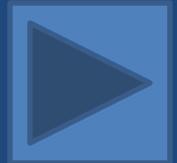


Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



[Maps
Menu](#)



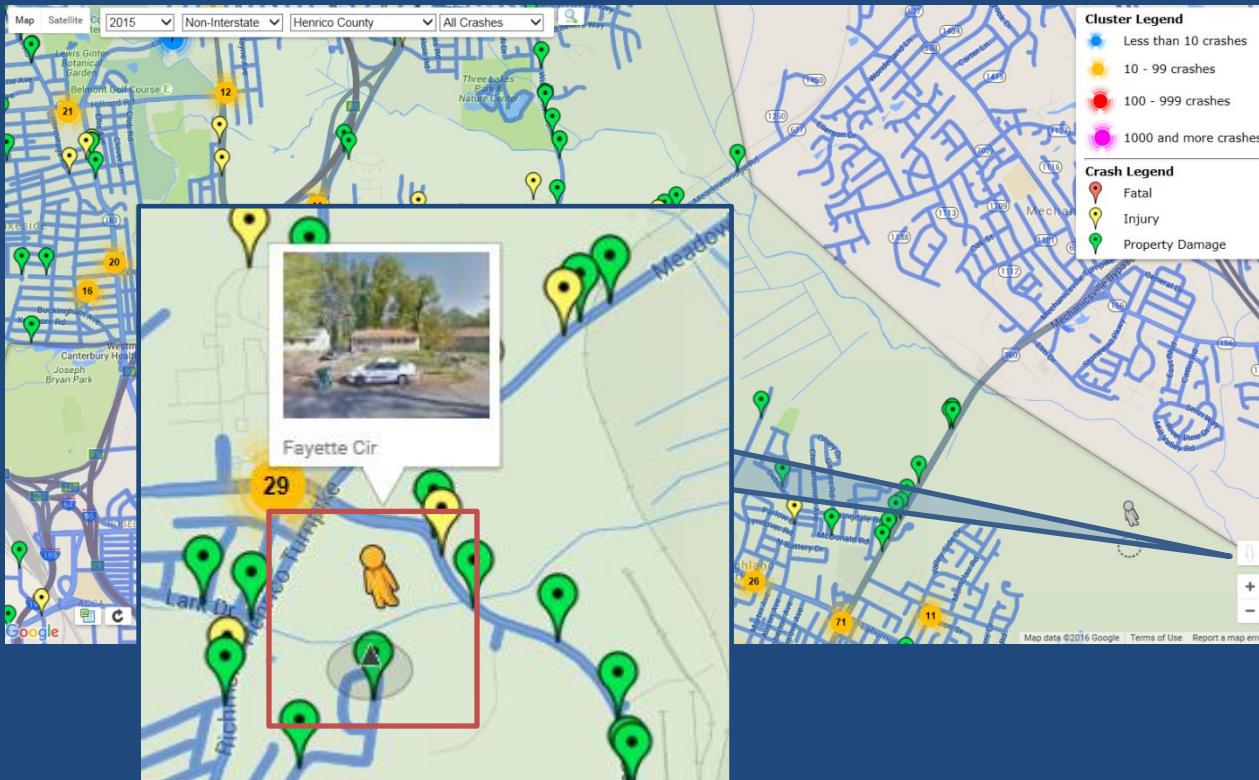
Use your mouse to advance the icon to a selected crash or area on the map.

Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



[Maps
Menu](#)



After you have selected a crash, a small pop-up map appears next to the icon.

Release your mouse button.

Click Next or the Pegman icon to proceed to the following screen or Back to return to the previous screen.

Pegman



After you have selected a crash, this screen allows you a very close up view of a particular location or crash.

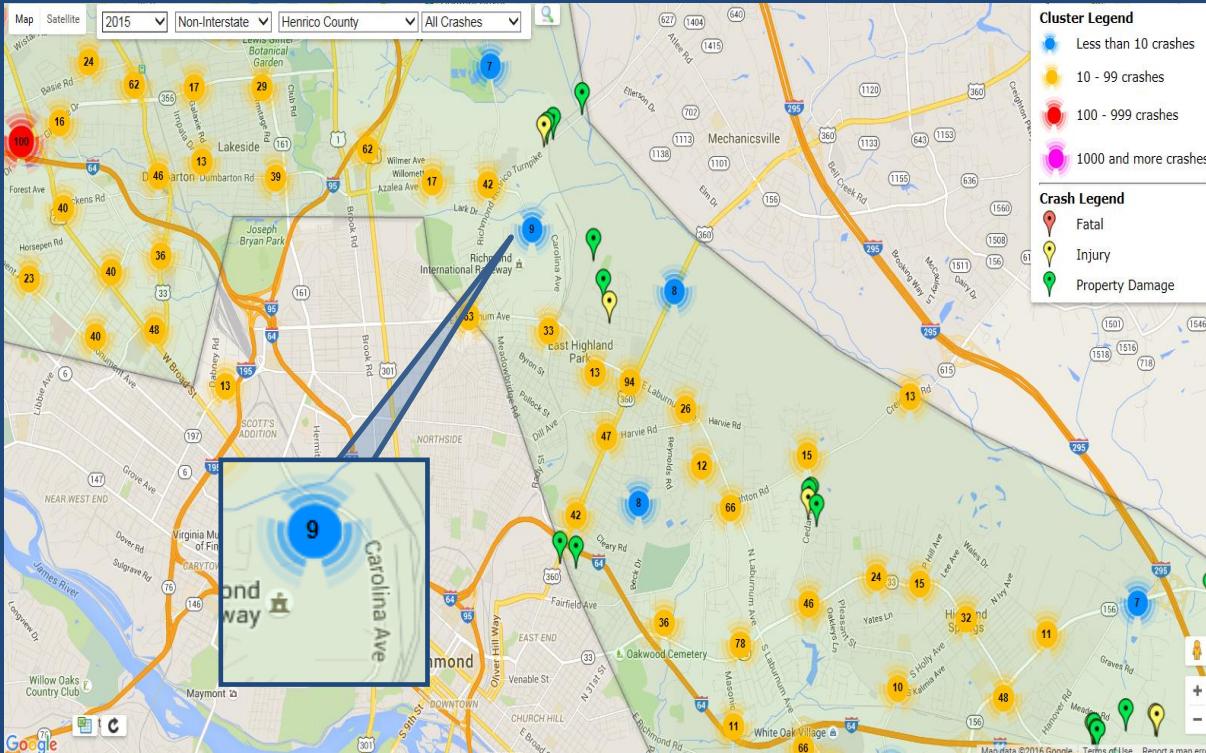
By using the icons on the screen, you can zoom in or out, change direction, select other crashes, or return to the Map screen.

Click Back to return to the previous screen or Next to return to the Crashes screen.

Clusters / Crash Detail



[Maps
Menu](#)



At this level, clusters and individual crashes are displayed.

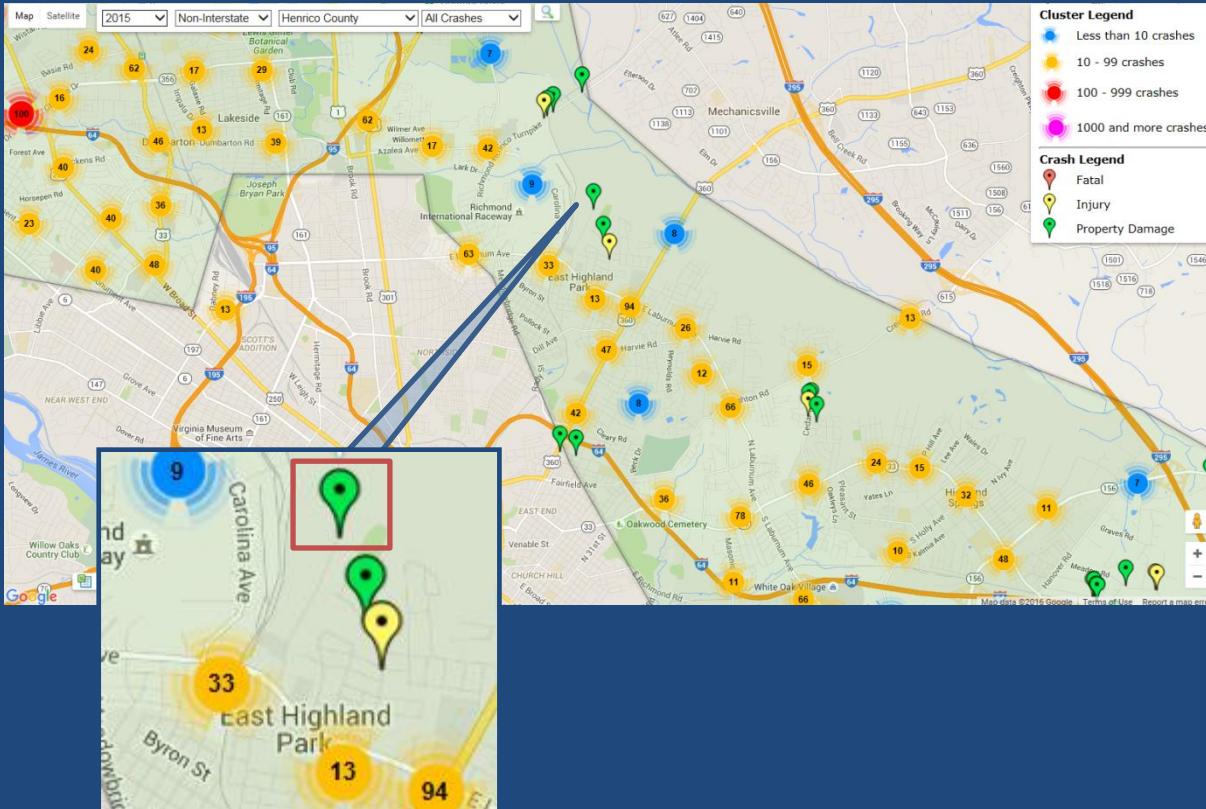
See the Crash Legend for the crash type (Fatal, Injury, or Property Damage).

Click the highlighted cluster or Next to proceed to the following slide.

Clusters / Crash Detail



[Maps](#)
[Menu](#)

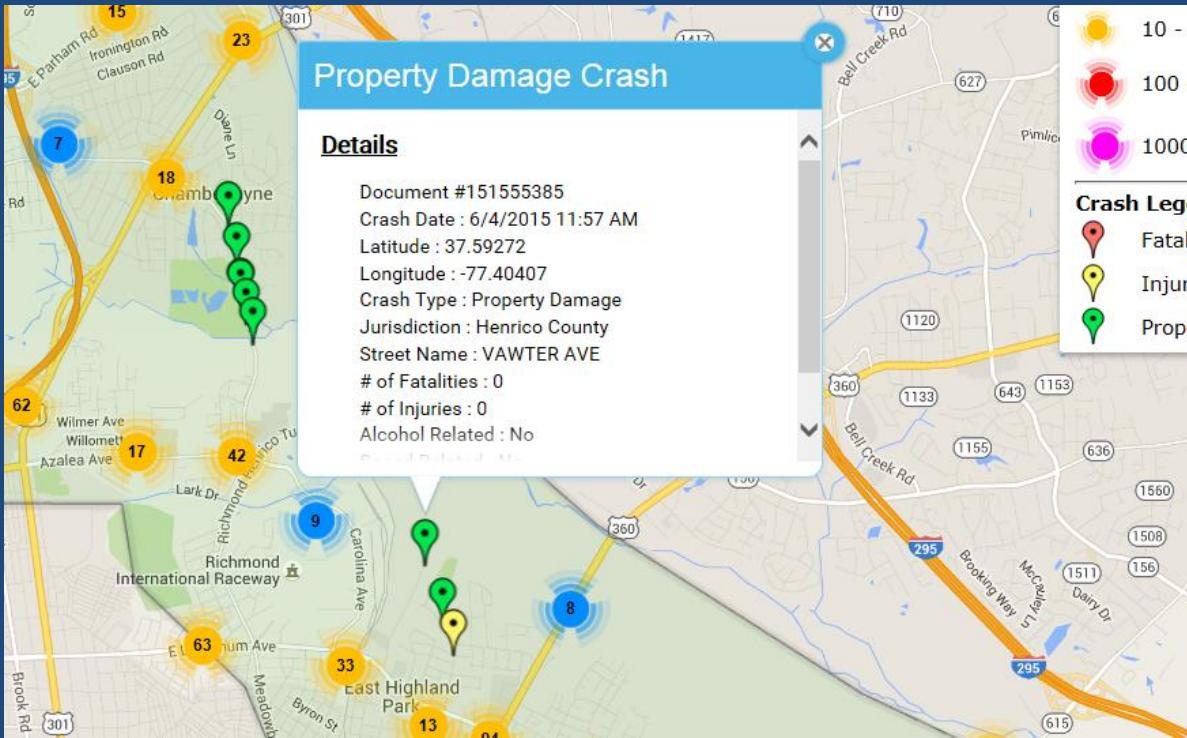


Click the
highlighted crash
for detailed
information or
Next.

Clusters / Crash Detail



[Maps
Menu](#)



This screen provides you with information about a specific crash.

You have now finished the Jurisdiction Crash Map section.

Click the Maps Menu to return to the Maps Menu or click the map or Next to return to the Jurisdiction Crash Map Menu.

My Department Crash Maps

[Maps](#)
[Menu](#)

My Department Crash Maps are similar to the Jurisdiction Crash Maps; however,:

- You cannot select a jurisdiction.
- Only crashes investigated by your department display.

Click [here](#) for details to create a crash map for your department, or click Maps Menu to return.

Interactive Reports



[Main
Menu](#)



The Interactive Report:

The Interactive Report allows users to select multiple criteria in order to view a customized report.

Users can download the report in multiple formats to locate information about crashes that meet their criteria.

Interactive Report



[Main
Menu](#)



To begin, log in to TREDS.

TREDS

Saving Lives

Sponsor Links

[VAHSA](#)
[Virginia State Police](#)
[Virginia DOT](#)

Main Goal:

The main goal of TREDS (Traffic Records Electronic Data System) is to provide accurate, timely and detailed highway safety information for analysis and reporting. The data from TREDS is used to support Virginia's efforts to reduce crashes, injuries, fatalities and associated costs. Through TREDS, Virginia now has one of the most effective and innovative information technology tools in the nation to identify and address its highway safety concerns.

This state-of-the-art, automated data system centralizes all of Virginia's crash data and related information. It allows for the electronic submission of police crash reports, scanning of crash data submitted on paper reports at DMV, electronic mapping for locating the crash while completing the crash report, electronic crash diagramming, and integration with other data systems for enhanced data mining, analysis and reporting at various levels.

Login Form

Username:

Password:

By clicking Log In, you agree to follow the [Access Agreement](#) for TREDS.

Log In

Reset Password/Unlock Account

Interactive Reports



Main
Menu



Then click the Reports tab.

The screenshot shows the TREDS (Traffic Emergency Response Data System) homepage. The header features the TREDS logo with the tagline "Saving Lives". A search bar at the top right contains the placeholder "Enter Document Number..." with a magnifying glass icon. Below the header, there are three buttons: "Home", "Search", and "Reports", with "Reports" highlighted by a red box. On the left, a sidebar menu includes "Operations" (selected), "My Report Queue", "Search for Crash Report", and "View Reports". The main content area displays news from the TREDS Team, with a link "Click here for more news...". Below this, there is a section titled "News from My Department".

Interactive Reports



Main
Menu



Click Interactive Crash Reports.

The screenshot shows the TREDs website interface. At the top left is the TREDs logo with the tagline "Saving Lives". To the right is a search bar with the placeholder "Enter Document Number..." and a magnifying glass icon. Below the search bar are three buttons: "Home", "Search", and "Reports". The main content area has a breadcrumb trail "Home > Reports". On the left, a sidebar titled "Operations" contains links for "My Report Queue", "Search for Crash Report", and "View Reports". The main content area lists several categories: "Mapping", "DMV Alcohol Related", "DMV Reports", "DMV Speed Related", "DMV Unbelted", "Interactive Crash Reports" (which is highlighted with a red box), "Law Enforcement", and "Heat Maps".

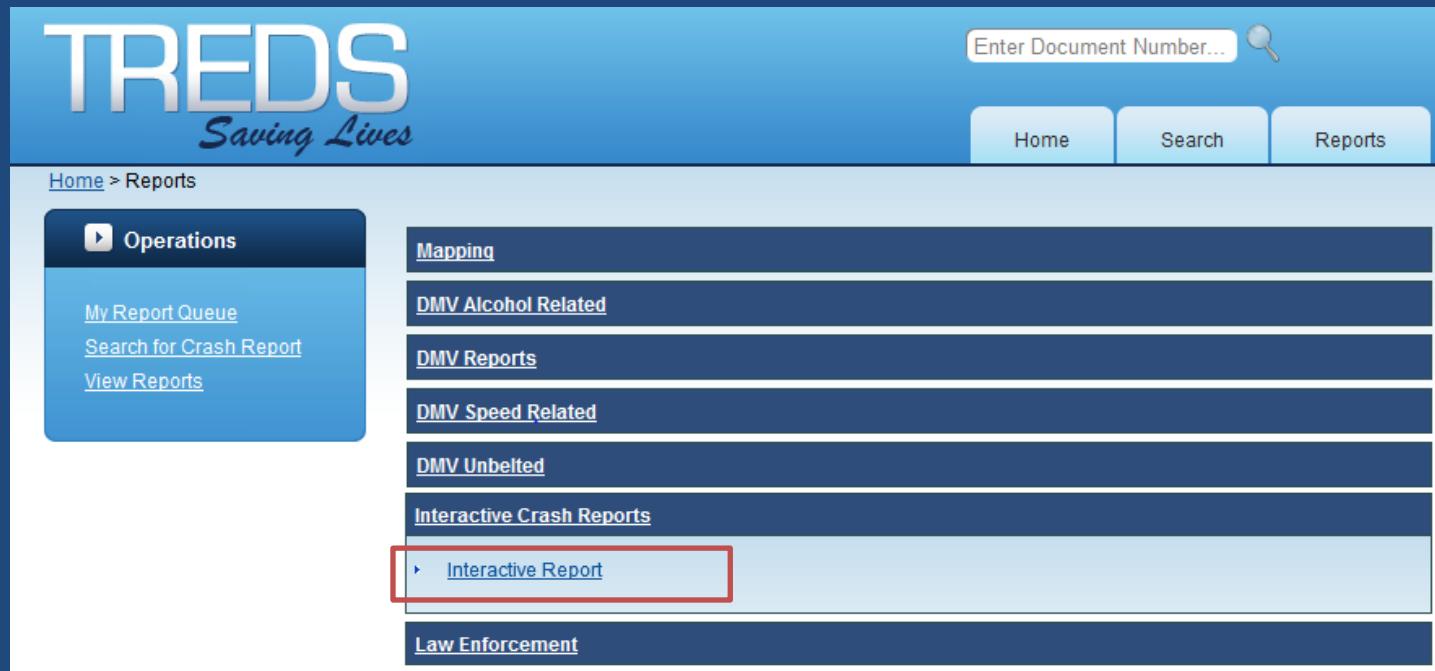
Interactive Reports



Main
Menu



Click Interactive Report.



The screenshot shows the TREDS (Traffic Electronic Reporting and Data System) interface. The top navigation bar includes the TREDS logo, a search bar labeled "Enter Document Number...", and three buttons: "Home", "Search", and "Reports". The main content area has a breadcrumb trail "Home > Reports". On the left, a sidebar titled "Operations" contains links for "My Report Queue", "Search for Crash Report", and "View Reports". The right side lists several categories: "Mapping", "DMV Alcohol Related", "DMV Reports", "DMV Speed Related", "DMV Unbelted", "Interactive Crash Reports", and "Law Enforcement". The link "Interactive Report" is highlighted with a red border. The bottom of the page features the TREDS logo and the text "Department of Motor Vehicles Virginia Highway Safety Office".

Report Viewer



[Main
Menu](#)



StartDate	<input type="text"/>	<input type="button" value="Calendar"/>	EndDate	<input type="text"/>	<input type="button" value="Calendar"/>	<input type="button" value="View Report"/>
Highway Safety Region	<input type="text" value="All Virginia"/>	<input type="button" value="▼"/>	City/County	<input type="text" value="All"/>	<input type="button" value="▼"/>	
Town	<input type="text" value="All"/>	<input type="button" value="▼"/>	Group By	<input type="text" value="<Select a Value>"/>	<input type="button" value="▼"/>	
Filter Crashes By	<input type="text"/>	<input type="button" value="▼"/>	Filter People By	<input type="text"/>	<input type="button" value="▼"/>	

On the Report Viewer screen, in the appropriate fields, enter your criteria. Click the fields above or Next to proceed to the next slide.

Report Viewer



Main
Menu



StartDate	<input type="text"/> 	EndDate	<input type="text"/> 
Highway Safety Region	All Virginia 	City/County	All 
Town	All 	Group By	<Select a Value> 
Filter Crashes By	<input type="text"/> 	Filter People By	<input type="text"/> 

First, enter a start date in the StartDate field. You can either type a date using the MM/DD/YYYY format or click the Calendar icon to select a date.

Report Viewer



[Main
Menu](#)



StartDate	<input type="text"/>	EndDate	<input type="text"/>																																																								
Highway Safety Region	<input type="button" value="▼"/>																																																										
Town	<input type="button" value="▼"/>																																																										
Filter Crashes By	<input type="button" value="▼"/>																																																										
<table border="1"><tr><td colspan="7">June, 2016</td></tr><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td>29</td><td>30</td><td>31</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr><tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr><tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr><tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>1</td><td>2</td></tr><tr><td colspan="7">Today is Wednesday, June 22, 2016</td></tr></table>				June, 2016							S	M	T	W	T	F	S	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	Today is Wednesday, June 22, 2016						
June, 2016																																																											
S	M	T	W	T	F	S																																																					
29	30	31	1	2	3	4																																																					
5	6	7	8	9	10	11																																																					
12	13	14	15	16	17	18																																																					
19	20	21	22	23	24	25																																																					
26	27	28	29	30	1	2																																																					
Today is Wednesday, June 22, 2016																																																											

The date defaults to today's date (in this case, June 22, 2016). Use the arrows to change the month (and/or year), and then select the correct day.

For this example, we will select January 1, 2015. You can search back to January 1, 2010 to today's date.

Report Viewer



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Menu



StartDate	01/01/2015	EndDate	<input type="text"/>
Highway Safety Region	All Virginia	City/County	All
Town	All	Group By	<Select a Value>
Filter Crashes By	<input type="text"/>	Filter People By	<input type="text"/>

Repeat the same steps for the EndDate field.

Report Viewer



[Main
Menu](#)



StartDate	<input type="text" value="01/01/2015"/> 	EndDate	<input type="text" value="12/31/2015"/> 
Highway Safety Region	<input style="border: 1px solid red; width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button" value="All Virginia"/>	City/County	<input style="width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button" value="All"/>
Town	<input style="width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button" value="All"/>	Group By	<input style="width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button" value="<Select a Value>"/>
Filter Crashes By	<input style="width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button"/>	Filter People By	<input style="width: 150px; height: 25px; padding: 2px; font-size: 10px; font-weight: bold; color: black; background-color: white; border-radius: 5px;" type="button"/>

In the Highway Safety Region field, click the drop-down menu to select an option. The default option is All Virginia.

Report Viewer



Main
Menu



StartDate	<input type="text" value="01/01/2015"/>	EndDate	<input type="text" value="12/31/2015"/>
Highway Safety Region	<input type="button" value="<Select a Value>"/> All Virginia Bristol Fairfax Portsmouth Richmond Roanoke Staunton Unknown		
Town	<input type="button" value="City/County"/> All		
Filter Crashes By	<input type="button" value="Group By"/> <Select a Value> <input type="button" value="Filter People By"/>		

Click the selected option to proceed.

Report Viewer



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Menu](#)



StartDate	<input type="text" value="01/01/2015"/> 	EndDate	<input type="text" value="12/31/2015"/> 
Highway Safety Region	<input type="text" value="Richmond"/> 	City/County	<input type="text" value="All"/> 
Town	<input type="text" value="All"/> 	Group By	<input type="text" value="<Select a Value>"/> 
Filter Crashes By	<input type="text"/> 	Filter People By	<input type="text"/> 

In the City/County field, click the drop-down menu to select an option. The default option is All.

Report Viewer



Main
Menu



StartDate	<input type="text" value="01/01/2015"/> 	EndDate	<input type="text" value="12/31/2015"/> 
Highway Safety Region	<input type="text" value="Richmond"/> 	City/County	<input type="text" value="<Select a Value>"/> <ul style="list-style-type: none">AllColonial Heights CityHopewell CityPetersburg CityRichmond CityAmelia CountyBrunswick CountyBuckingham CountyCharlotte CountyChesterfield CountyCumberland CountyDinwiddie CountyGoochland CountyHanover CountyHenrico CountyLouisa CountyLunenburg CountyMecklenburg CountyNottoway CountyPowhatan CountyPrince George County
Town	<input type="text" value="All"/> 	Group By	
Filter Crashes By	<input type="text"/> 	Filter People By	

Click the selected option to proceed.

Report Viewer



[Main
Menu](#)



StartDate	<input type="text" value="01/01/2015"/> 	EndDate	<input type="text" value="12/31/2015"/> 
Highway Safety Region	<input type="text" value="Richmond"/> 	City/County	<input type="text" value="Hanover County"/> 
Town	<input type="text" value="All"/> 	Group By	<input type="text" value="<Select a Value>"/> 
Filter Crashes By	<input type="text"/> 	Filter People By	<input type="text"/> 

In the Town field, click the drop-down menu to select an option. The default option is All.

Report Viewer



Main
Menu



StartDate	<input type="text" value="01/01/2015"/> 	EndDate	<input type="text" value="12/31/2015"/> 
Highway Safety Region	<input type="text" value="Richmond"/> 	City/County	<input type="text" value="Hanover County"/> 
Town	<input type="text" value="<Select a Value>"/> 	Group By	<input type="text" value="<Select a Value>"/> 
Filter Crashes By	<input type="text" value="All"/>  <input type="text" value="Ashland"/> 	Filter People By	<input type="text"/> 

Click the selected option to proceed.

Report Viewer



[Main
Menu](#)



StartDate	<input type="text" value="1/1/2015"/>	EndDate	<input type="text" value="12/31/2015"/>
Highway Safety Region	<input type="text" value="Richmond"/>	City/County	<input type="text" value="Hanover County"/>
Town	<input type="text" value="Ashland"/>	Group By	<input type="text" value="<Select a Value>"/>
Filter Crashes By	<input type="text"/>	Filter People By	<input type="text"/>

In the Group By field, click the Group By drop-down menu to select an option.

Report Viewer



Main
Menu



StartDate	1/1/2015 <input type="button" value="Calendar"/>	EndDate	12/31/2015 <input type="button" value="Calendar"/>
Highway Safety Region	Richmond <input type="button" value="Down"/>	City/County	Hanover County <input type="button" value="Down"/>
Town	Ashland <input type="button" value="Down"/>	Group By	<input type="button" value="Select a Value"/> Month Day Of Week Three Hour Window Age Group Gender
Filter Crashes By	<input type="button" value="Down"/>	Filter People By	

Click the selected option to proceed.

Report Viewer



Main
Menu



StartDate	1/1/2015	EndDate	12/31/2015
Highway Safety Region	Richmond	City/County	All
Town	Ashland	Group By	Age Group
Filter Crashes By	<ul style="list-style-type: none"><input type="checkbox"/> (Select All)<input type="checkbox"/> All Crashes<input type="checkbox"/> Alcohol-Related<input checked="" type="checkbox"/> Bicycle Involved<input type="checkbox"/> Distraction-Related<input type="checkbox"/> FMCSA-Reportable<input type="checkbox"/> Unrestrained Crashes		

In the Filter Crashes By drop-down menu, you can select one or more options. For example, you can select just Alcohol-Related crashes, or you can select Alcohol-Related and Unrestrained crashes, too.

There are many more combinations that you can choose; however, if you wish to see all of the crashes for your selected criteria, select All Crashes from the menu. In this example, we selected Bicycle Involved crashes.

Click the selected option to proceed.

Report Viewer



Main
Menu



StartDate	<input type="text" value="1/1/2015"/>	EndDate	<input type="text" value="12/31/2015"/>
Highway Safety Region	<input type="text" value="Richmond"/>	City/County	<input type="text" value="Hanover County"/>
Town	<input type="text" value="Ashland"/>	Group By	<input type="text" value="Age Group"/>
Filter Crashes By	<input type="text" value="Bicycle Involved"/>	Filter People By	<input type="text" value="<Select a Value>"/>

If you select a filter in the Filter Crashes By field, the Filter People By field becomes active for certain crash categories, such as:

- Bicycle Involved
- Distraction-Related
- Large Truck Involved
- Mature (65+) Driver Involved
- Moped Involved
- Motorcycle Involved
- Pedestrian Involved
- Teen (15-19) Driver Involved
- Unrestrained Person Involved

Click the drop-down menu to select an option.

Report Viewer



Main
Menu



StartDate	<input type="text" value="1/1/2015"/>	EndDate	<input type="text" value="12/31/2015"/>
Highway Safety Region	<input type="text" value="Richmond"/>	City/County	<input type="text" value="Hanover County"/>
Town	<input type="text" value="Ashland"/>	Group By	<input type="text" value="<Select a Value>"/>
Filter Crashes By	<input type="text" value="Bicycle Involved"/>	Filter People By	<input type="text" value="All"/> Bicycle Riders Only

In the Filter People By drop-down,
you can select from a variety of
options.

Click the selected option to proceed.

Report Viewer



[Main
Menu](#)



StartDate	1/1/2015	EndDate	12/31/2015	<input type="button" value="View Report"/>
Highway Safety Region	Richmond	City/County	Hanover County	
Town	Ashland	Group By	Age Group	
Filter Crashes By	Bicycle Involved	Filter People By	Bicycle Riders Only	

After you have completed all of the fields, click View Report to submit.

Report Viewer



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Menu](#)



Report Viewer

Start Date: 1/1/2015 End Date: 12/31/2015

Highway Safety Region: Richmond City/County: Hanover County

Town: Ashland Group By: Age Group

Filter Crashes By: Bicycle Involved Filter People By: Bicycle Riders Only

of 0 | 100% | Find | Next | Select a format | Export | Print

Report is being generated

This screen appears while the report is being compiled. Click the image above or Next to proceed.

Report Viewer



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Menu](#)

The screenshot shows a report viewer interface with two tables of data. The top table has columns for Age Group, People involved in crashes, Bicycle Fatalities, and Bicycle Injuries. The bottom table has columns for Age Group, People involved in crashes, Bicycle Fatalities, and Bicycle Injuries. The 'Export' button and its icon are highlighted with a red box.

Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
Unknown	0	0	0
Under 8	0	0	0
8 to 9	0	0	0
10 to 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	1	1	0

Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
21 to 25	0	0	0
26 to 30	0	0	0
31 to 35	0	0	0
36 to 40	0	0	0
41 to 45	0	0	0
46 to 50	0	0	0
51 to 55	0	0	0
56 to 60	0	0	0
61 to 65	0	0	0
66 to 70	0	0	0
Over 70	0	0	0
Totals	1	1	0

Report Created: 6/23/2016 2:10:50 PM Page 1 of 1

After the report has been generated, you can use the icons on the screen to assist you.

Click the highlighted icons to learn more.

Page Navigation



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Menu](#)

A screenshot of a Microsoft Excel spreadsheet titled "Bicycle Crash Statistics". The table has four columns: "Age Group", "People involved in crashes", "Bicycle Fatalities", and "Bicycle Injuries". The rows list various age groups from "Unknown" to "Over 70", with the total row at the bottom. A large blue diagonal arrow points from the top-left of the table towards the page navigation bar. The page navigation bar at the top of the spreadsheet shows "1 of 1" and "100%". Below the table, the footer includes "Report Created: 6/23/2016 2:10:50 PM" and "Page 1 of 1".

Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
Unknown	0	0	0
Under 8		0	0
8 to 9	0	0	0
10 to 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	1	1	0
19	0	0	0
20		0	0
21 to 25		0	0
26 to 30		0	0
31 to 35		0	0
36 to 40		0	0
41 to 45		0	0
46 to 50	0	0	0
51 to 55	0	0	0
56 to 60	0	0	0
61 to 65	0	0	0
66 to 70	0	0	0
Over 70	0	0	0
Totals	1	1	0

If your report has more than one page, you can use the arrow keys to advance to different pages in the report.

You can also type the number of the page you would like to view in the number field.

Finally, you can use the double arrows to quickly advance to the first or last page of the report.

Click Back to return to the previous screen.

Percentage and Search



Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
Unknown	0	0	0
Under 8	0	0	0
8 to 9	0	0	0
10 to 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	1	1	0
19	0	0	0
20	0	0	0
21 to 25	0	0	0
26 to 30	0	0	0
31 to 35	0	0	0
36 to 40	0	0	0
41 to 45	0	0	0
46 to 50	0	0	0
51 to 55	0	0	0
56 to 60	0	0	0
61 to 65	0	0	0
66 to 70	0	0	0
Over 70	0	0	0
Totals	1	1	0

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You can use the Percentage drop-down menu to zoom in or out.

You can also search by typing your criteria in the Search text box, and then click Find. If your search results in more than one hit, you will be able to click Next to find the next appearance of the search term.

Click Back to return to the previous screen.

Format and Export



Main
Menu

The screenshot shows a software application window with a report table. The table has columns for Age Group, People involved in crashes, Bicycle Fatalities, and Bicycle Injuries. The rows list age groups from Unknown to Over 70, with the 'Totals' row at the bottom. The 'Select a format' dropdown menu is open, displaying options: XML file with report data, CSV (comma delimited), TIFF file, Acrobat (PDF) file, Web archive, Excel, and Image 300 DPI TIFF. The 'CSV (comma delimited)' option is highlighted.

Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
Unknown	0	0	0
Under 8	0	0	0
8 to 9	0	0	0
10 to 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	1	1	0
19	0	0	0
20	0	0	0
21 to 25	0	0	0
26 to 30	0	0	0
31 to 35	0	0	0
36 to 40	0	0	0
41 to 45	0	0	0
46 to 50	0	0	0
51 to 55	0	0	0
56 to 60	0	0	0
61 to 65	0	0	0
66 to 70	0	0	0
Over 70	0	0	0
Totals	1	1	0

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Select a format from the Select a format drop-down menu. After you have selected a format, you can click Export to save the report.

Click Back to return to the previous screen.

Refresh and Print



[Main
Menu](#)

Age Group	People involved in crashes	Bicycle Fatalities	Bicycle Injuries
Unknown	0	0	0
Under 8	0	0	0
8 to 9	0	0	0
10 to 14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	1	1	0
19	0	0	0
20	0	0	0
21 to 25	0	0	0
26 to 30	0	0	0
31 to 35	0	0	0
36 to 40	0	0	0
41 to 45	0	0	0
46 to 50	0	0	0
51 to 55	0	0	0
56 to 60	0	0	0
61 to 65	0	0	0
66 to 70	0	0	0
Over 70	0	0	0
Totals	1	1	0

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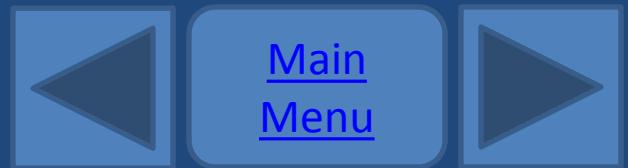
Click the Refresh icon to regenerate the report.

Click the Print icon to send the report to your printer.

You have completed Interactive Report section.

Click Back to return to the previous screen or click Main Menu to select another section.

Contact the TREDS Team



In TREDS, click the Contact Us link above the navigation bar.

Contact the TREDS Team



[Main
Menu](#)

Logged in as DMV R-A Manager [Switch Role] Lamarr, Jessica (DMV CAP Group)

Enter Document Number...

TREDS

Saving Lives

Do you need to talk to someone at TREDS?

Having a problem that requires immediate assistance?
Call 804-239-6931*

*If you leave a message please say your name and number very clearly and repeat it twice

For all non-emergency questions or assistance (e.g. Training, Obtain or upgrade ReportBeam software, User Set-up, Vendor Assistance, et al)
Send an eMail to TREDS.SAVESLIVES@DMV.Virginia.Gov

Do you have general program questions?

For general TREDS program questions, Send an eMail to:
Linda.Ebel@DMV.Virginia.Gov (TREDS)
Angelisa.Jennings@DMV.Virginia.Gov (Virginia Highway Safety Office)

For Click-It-or-Ticket program questions, Send an eMail to:
John.Messina@DMV.Virginia.Gov (Virginia Highway Safety Office)

For DUI/Checkpoint Strikeforce program questions, Send an eMail to:
Jessica.Lambertson@DMV.Virginia.Gov (Virginia Highway Safety Office)

The following screen displays the TREDS Team's contact information.

You have completed the Contact the TREDS Team section.

Click Back to return to the previous screen or Main Menu to begin another section.