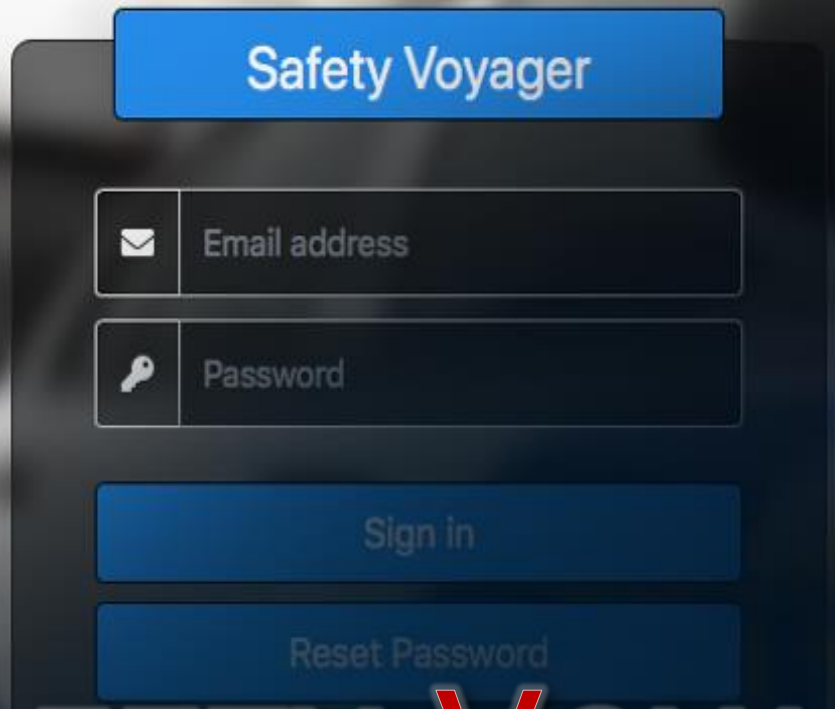
NJ Department of Transportation

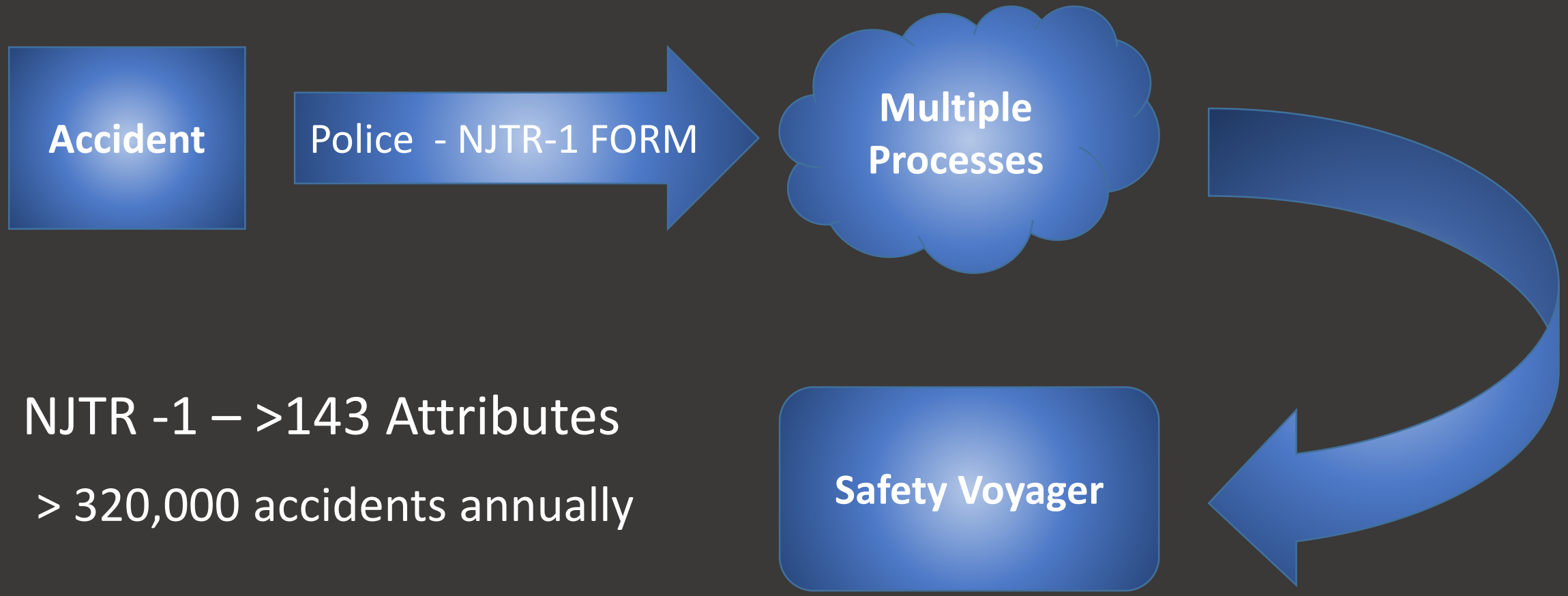
GPI



SAFETY VOYAGER

U.S. Department of Transportation
Federal Highway Administration

What is Safety Voyager?



NJTR -1 – >143 Attributes

> 320,000 accidents annually

The Road So Far…

Project Initiation April 2016

Version 1 December 2016

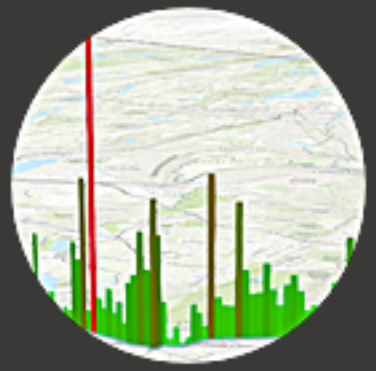
Update 1 August 2017

Update 2 November 2017

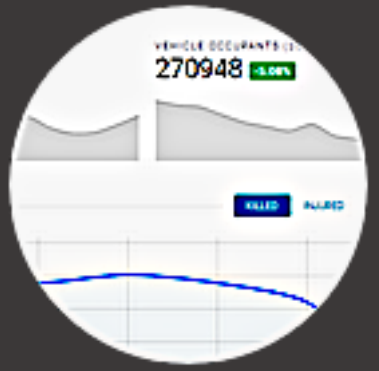
Major Version 2 February 2018

- December 2017 Data Set Published
- Trends
- Emphasis Areas
- Safety Calendar
- Reports
- Updates Blog

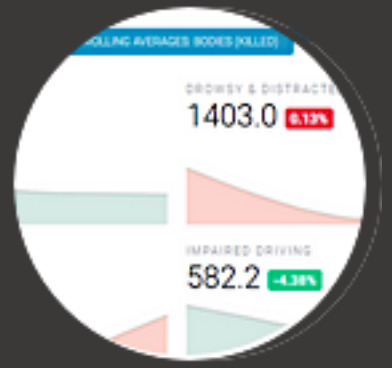
Version 2



Crash Map



Trends

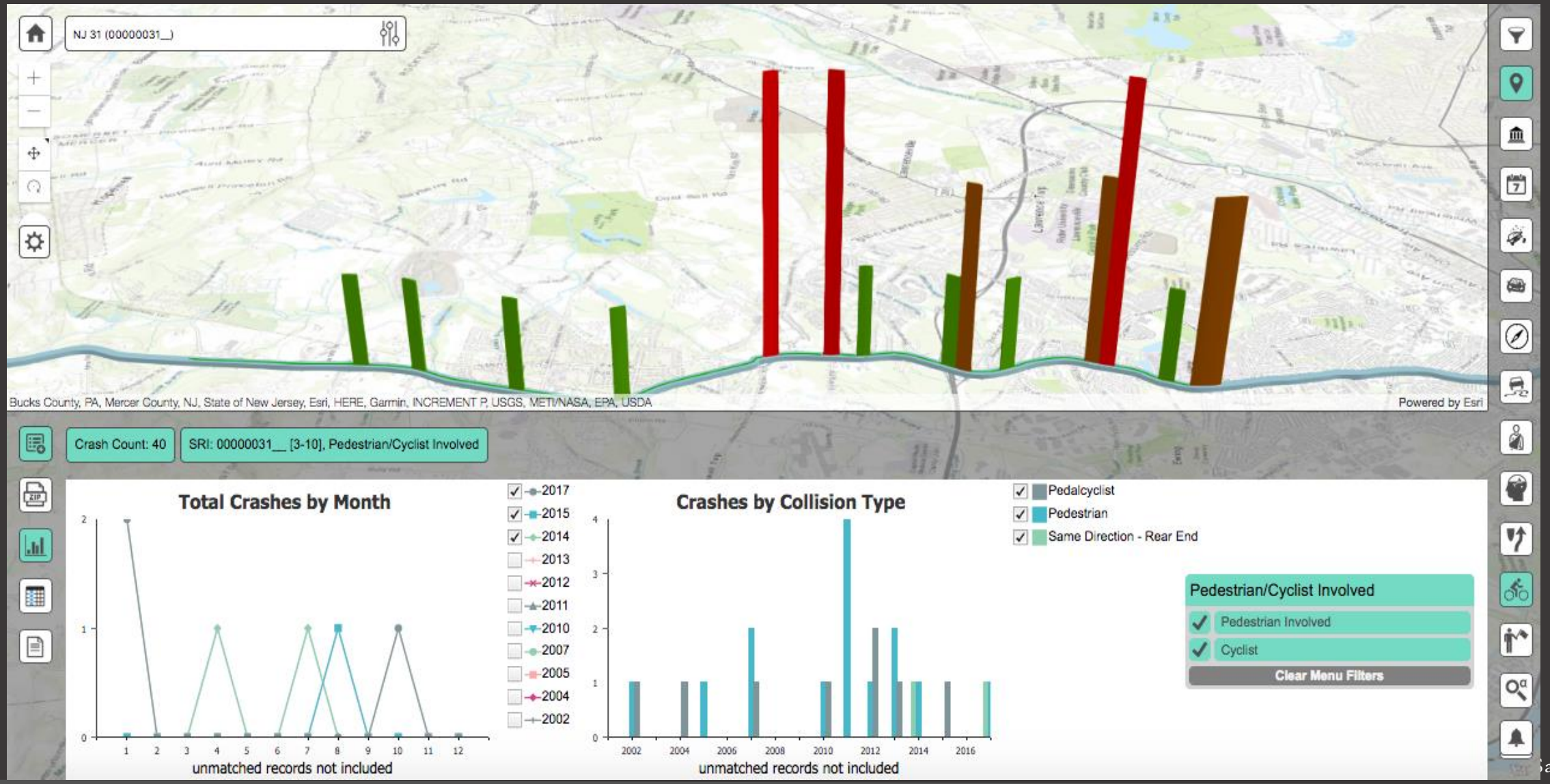


Emphasis Areas

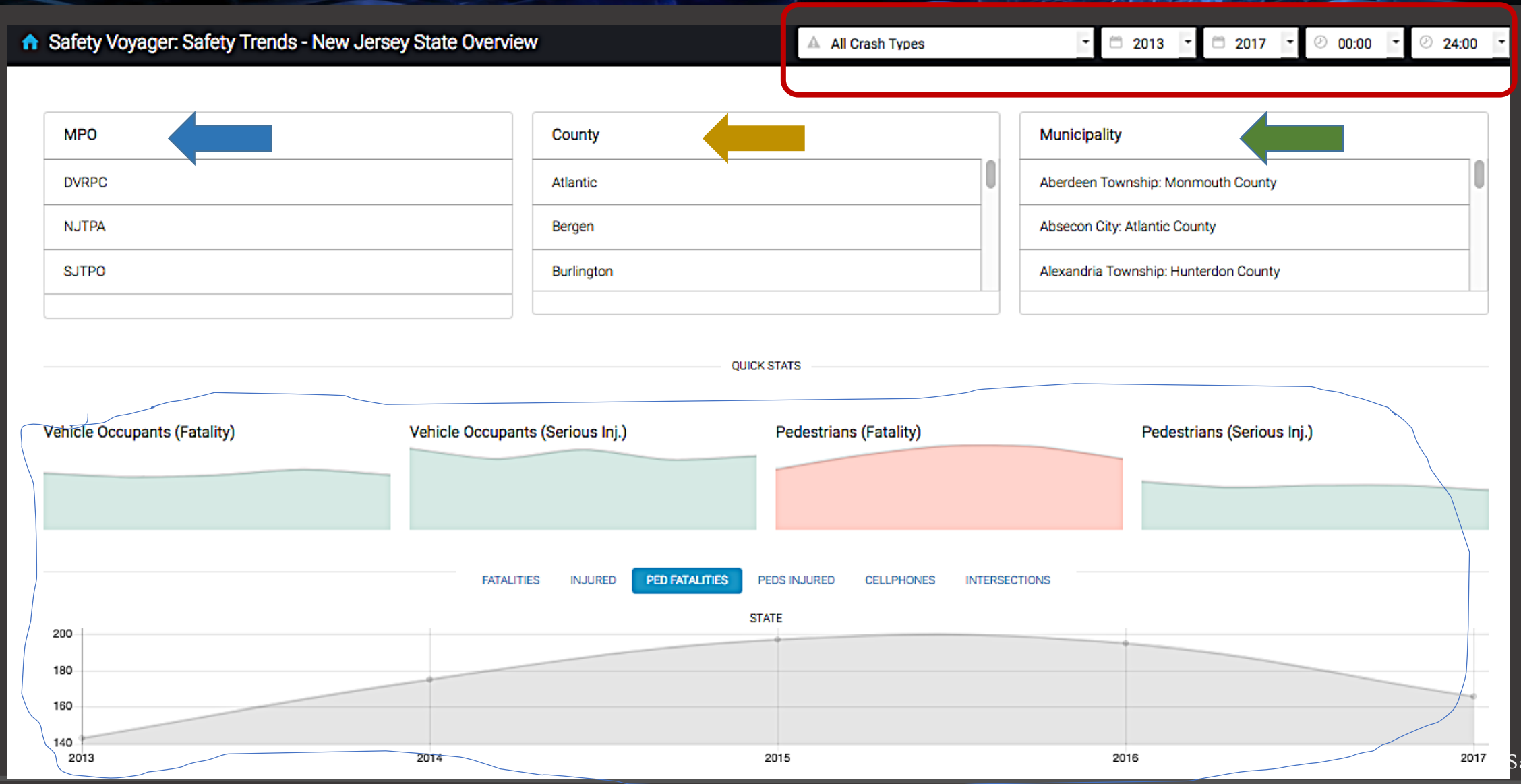
Reports

Safety Calendar

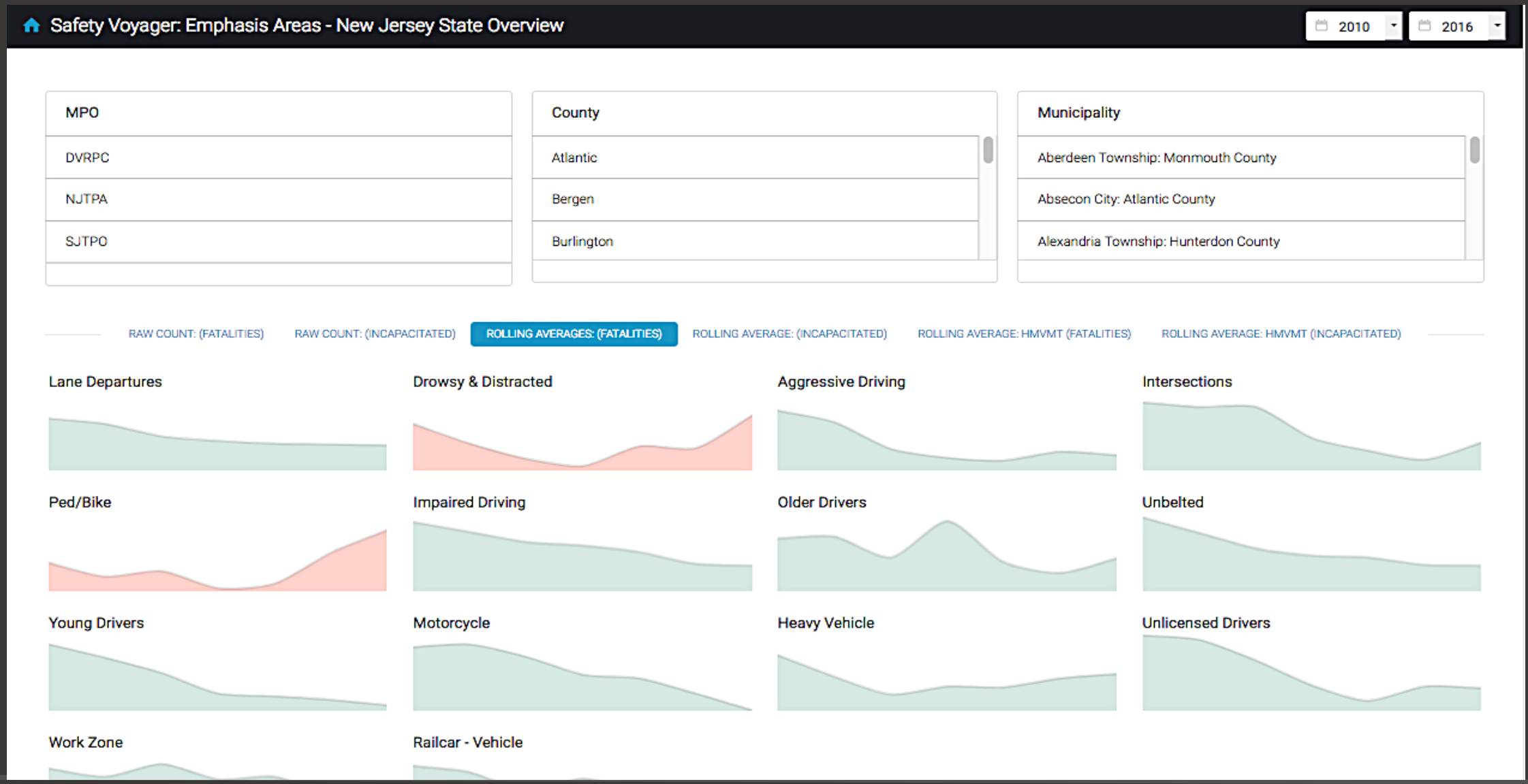
Map Query - 3D View



TRENDS


Safety Voyager: Safety Trends - New Jersey State Overview
All Crash Types
2013
2017
00:00
24:00
MPO
DVRPC
NJTPA
SJTPO
County
Atlantic
Bergen
Burlington
Municipality
Aberdeen Township: Monmouth County
Absecon City: Atlantic County
Alexandria Township: Hunterdon County
QUICK STATS
Vehicle Occupants (Fatality)
Vehicle Occupants (Serious Inj.)
Pedestrians (Fatality)
Pedestrians (Serious Inj.)
FATALITIES
INJURED
PED FATALITIES
PEDS INJURED
CELLPHONES
INTERSECTIONS
STATE
200
180
160
140
2013
2014
2015
2016
2017

Emphasis Areas



Safety Calendar

Safety Voyager: Safety Calendar - Mercer County

2002 2017

Safety Themes: Aggressive Driving

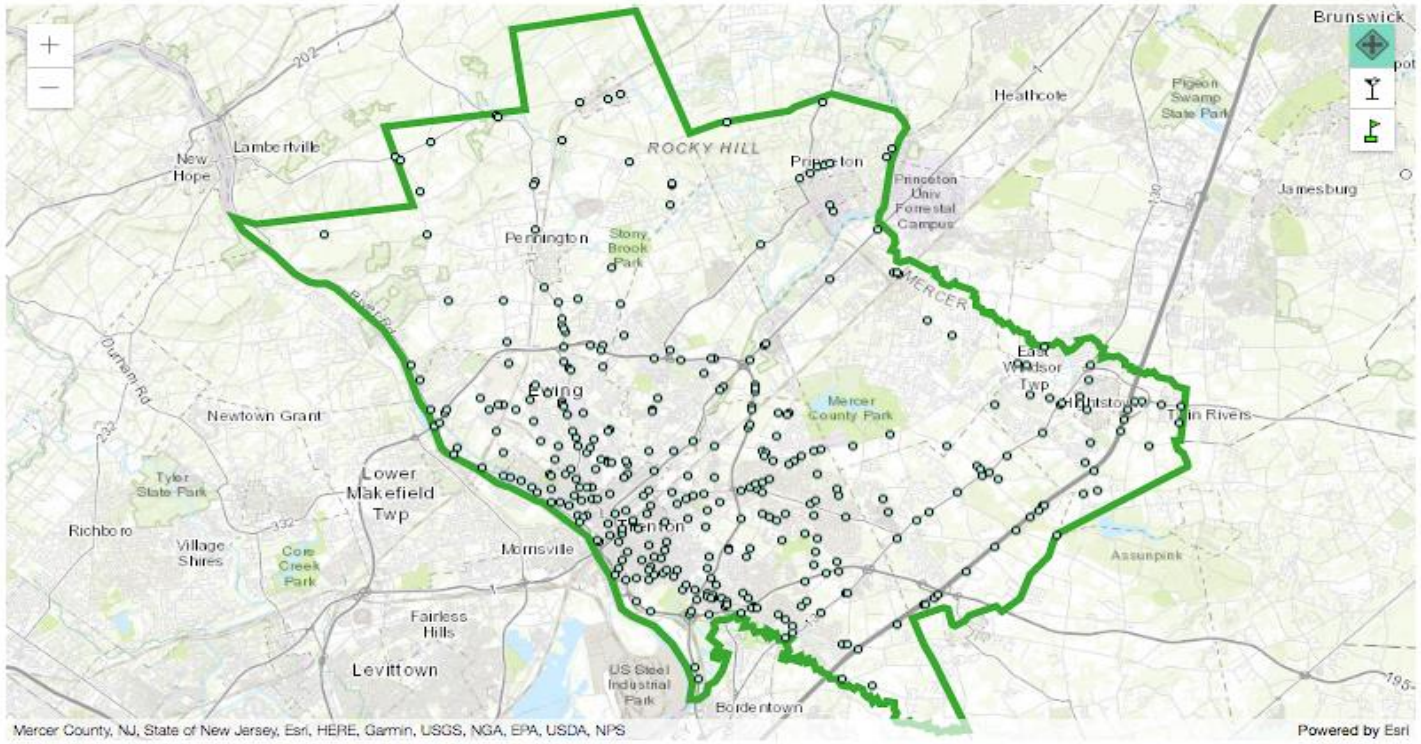
- Aggressive Driving
- Drowsy & Distracted
- Impaired Driving

County: Mercer

- Mercer
- Middlesex
- Monmouth

Municipality

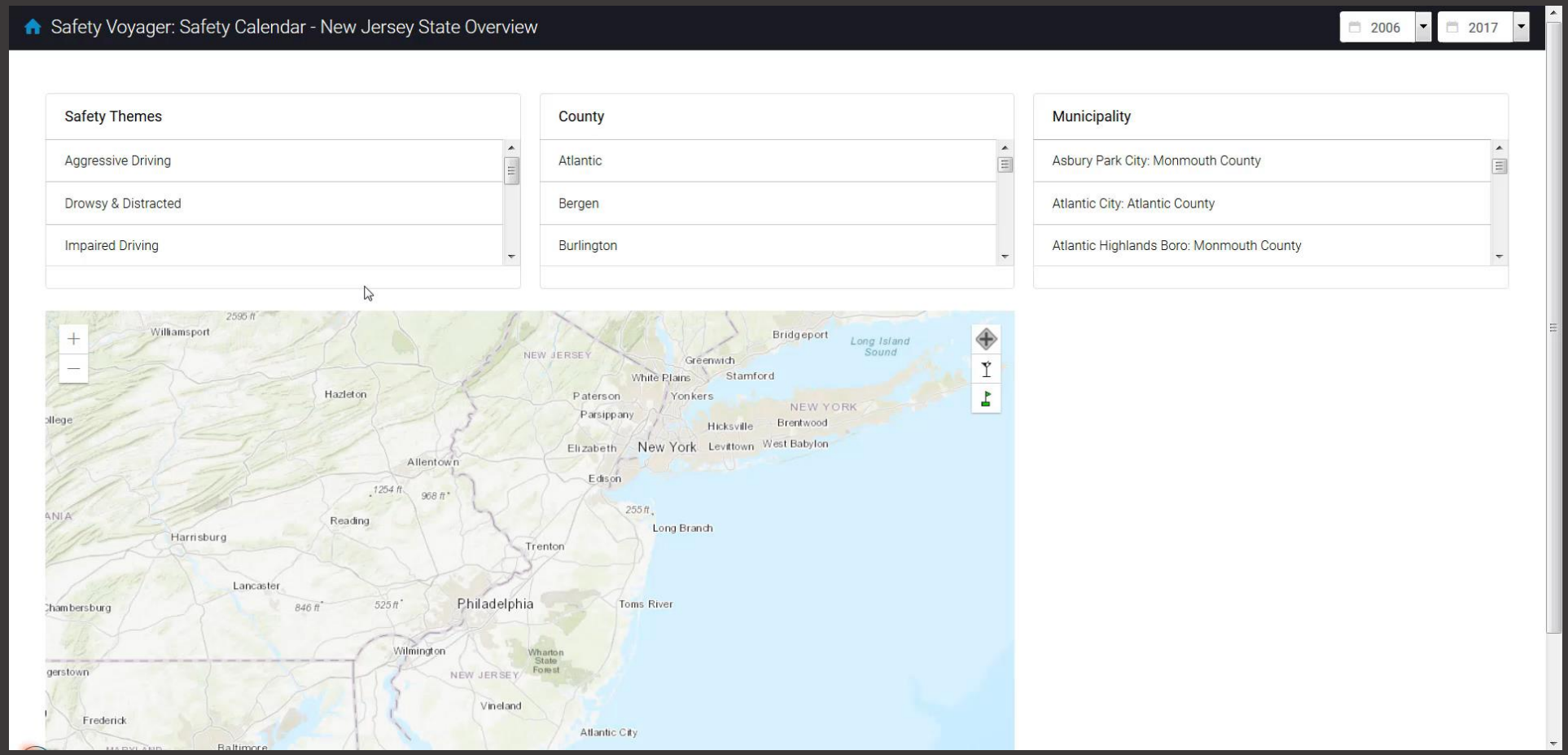
- East Windsor Township: Mercer County
- Ewing Township: Mercer County
- Hamilton Township: Mercer County



Top 50 Aggressive Driving Crash Clusters for Mercer County

SRI: 11031976__ (MP: 1)	6
SRI: 00000033__ (MP: 2)	5
SRI: 00000031__ (MP: 2)	4
SRI: 00000535__ (MP: 4)	4
SRI: 00000535__ (MP: 3)	4
SRI: 11000634__ (MP: 1)	4
SRI: 11031996__ (MP: 0)	4
SRI: 11031990__ (MP: 2)	3
SRI: 00000095__ (MP: 18)	3
SRI: 00000029__ (MP: 6)	3

Safety Calendar-Video



REPORTS

Safety Voyager: Jurisdiction Reports - Ewing Township: Mercer County Overview

2011 2017

County: Mercer

- Hudson
- Hunterdon
- Mercer

Municipality: Ewing Township: Mercer County

- East Windsor Township: Mercer County
- Ewing Township: Mercer County
- Hamilton Township: Mercer County

2011 - 2017

LEGEND

Difference between Ewing Twp % and State %

2% - 5% > 5%

PEDESTRIAN TABLES

CRASH CHARACTERISTIC	MUNICIPALITY #	MUNICIPALITY %	STATE %
GENDER			
Female	59	46.46%	43.25%
Male	64	50.39%	51.79%
Unknown	4	3.15%	4.96%
Total	**127**	**100.00%**	
AGE			

Blog - Tutorials

Updated Tutorials

New tutorials have been added to the permanent left menu of the blog for easy access. Additionally, the Crash Map tutorial has been updated to reflect new functionality. All of the tutorials are listed below for convenience.

Crash Map Tutorial
Emphasis Areas Tutorial
Safety Trends Tutorial

Posted on May 1st, 2018 by Safety Voyager

Unmatched Crash Data Records

At this time any crash record that could not be geocoded is not displayed on the Crash Map. These records can be downloaded here. Future Voyager updates will focus on geocoding these unmatched crash records.

Posted on April 16th, 2018 by Safety Voyager

Tutorial Videos

Crash Map Tutorial
Emphasis Areas Tutorial
Safety Trends Tutorial

Questions

Thank you for your attention

Contact info:
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chris.zajac@dot.nj.gov